



## **Methodology of Determination of Need Methadone Medication-Assisted Treatment**

Department of Children and Families  
Office of Substance Abuse and Mental Health

## **I. INTRODUCTION**

The Office of Substance Abuse and Mental Health within the Department of Children and Families (Department) is the single state agency responsible for a statewide system of prevention, treatment, and recovery support services for individuals with or at risk of developing substance use disorders. This includes regulating substance abuse treatment services. In accordance with s. 397.427, F.S., the Department shall not license any new medication-assisted treatment programs for opioid addiction until it conducts a needs assessment to determine whether additional providers are needed in each Florida sub-state entity. The determination of need only applies to methadone medication-assisted treatment programs.

In determining need for additional methadone medication-assisted treatment programs, the following data will be examined:

- Population estimates for those ages 18 and older by county;
- Estimated number of individuals with Pain Reliever misuse or disorder in the past year;
- Estimated number of individuals with Heroin Use in the past year;
- Estimated number of individuals needing but not receiving treatment for Drug Use; and
- Data on treatment accessibility of existing and approved providers, specifically:
  - Clinic Capacity,
  - Average Daily Census, and
  - Service provision for indigent individuals eligible for publicly-funded services, pregnant women, and Medicaid recipients

The data examined will be used to determine whether and where there is a need for new methadone medication-assisted treatment programs.

## **II. NEEDS ASSESSMENT METHODOLOGY**

This methodology is based on data from the National Survey on Drug Use and Health (NSDUH), an annual survey sponsored by the Substance Abuse and Mental Health Services Administration (SAMHSA). The NSDUH collects data from a representative sample of the non-institutionalized household population through face-to-face interviews. The formula to determine unmet treatment need considers the estimated number of people who misuse/abuse/dependent on heroin or pain relievers who felt a need to get treatment but did not receive treatment, as well as provider reported treatment accessibility and program data.

## II.A. Data

Described below is the information that will be used in determining need.

- **Population Estimates:** Population estimates will be exported (Population: 18 and older by County) from the Florida Health Charts website at (<http://www.flhealthcharts.com/FLQUERY/Population/PopulationRpt.aspx>). These population estimates are provided by the Department of Health, Office of Health Statistics and Assessment in consultation with the Florida Legislature's Office of Economic and Demographic Research.
- **Estimated number of individuals with Pain Reliever Misuse or Disorder in the past year:** The estimated number of individuals with Pain Reliever Use Misuse or Disorder is derived from the NSDUH. Pain Reliever Use Disorder is defined as meeting criteria for pain reliever dependence or abuse. Misuse of prescription psychotherapeutics (including pain relievers) is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs. The estimated number of individuals with Pain Reliever Use Misuse or Disorder is based on a multiple year pooling of data that produce state and sub-state level percentage estimate. This percentage is applied to the county population estimates to give an estimated number of individuals with Pain Reliever Use Misuse or Disorder.  
Source: <https://www.samhsa.gov/data/data-we-collect/nsduh-national-survey-drug-use-and-health>
- **Estimated number of individuals with Heroin Use in the past year:** The estimated number of individuals with Heroin Use is derived from the NSDUH. The assumption is made that all individuals with past year Heroin Use need treatment. The estimated number of individuals with heroin use is based on a multiple year pooling of data that produce state and sub-state level percentage estimate. This percentage is then applied to the county population estimates to give an estimated number of individuals with heroin use.  
Source: <https://www.samhsa.gov/data/data-we-collect/nsduh-national-survey-drug-use-and-health>
- **Past year estimated number of individuals needing but not receiving treatment for Drug Use:** The estimated number of individuals who had need for treatment but did not receive treatment in the past year for Drug Use is derived from the NSDUH. The estimated number is based on a multiple year pooling of data that produce a national, state, or sub-state percentage estimate. Individuals are classified as needing treatment for a drug problem if they met the criteria for illicit drug use, dependence, or abuse. Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens,

inhalants, or methamphetamine. Needing But Not Receiving Treatment refers to individuals classified as needing treatment for drugs, but have not received treatment for a drug problem at a specialty facility.

Source: <https://rdas.samhsa.gov/#/>

- **Treatment Accessibility Data:**

The following data will be gathered from the Department-approved Central Registry and Licensure Database where approved providers self-report.

- Clinic capacity is defined as the maximum number of active individuals that can be in treatment per provider. Standardized reporting of clinic capacity is recorded in Licensure Database for all providers. Data will reflect clinic capacity as it was reported by the provider. The Central Registry does not anticipate projected year clinic capacity. Clinic capacity is self-reported by the provider.
- Average daily census is defined as the average total number of individuals in treatment. Standardized reporting of average census is recorded in the Central Registry for all providers. Data will reflect clinic census as it stands for the previous 12 months from collection date.

## **II.B. Formulas and Determination of Need**

The formula used in this needs assessment uses the above variables as follows:

- Population estimates for those 18 and older by county were obtained (POP).
- Estimated Number with Past Year Pain Relieve Misuse or Disorder (NPRMD):
  - Estimated percentage of individuals with Pain Reliever Misuse or Disorder (PPRMD) is applied to the county population estimates to give an estimated number of individuals with Pain Reliever Misuse or Disorder.

$$(PPRMD * POP) = NPRMD$$

- Estimated Number with Past Year Heroin Use (NHU):
  - Estimated percentage of individuals with Heroin Use (PHU) is applied to the county population estimates to give an estimated number of individuals with Heroin Use.

$$(PHU * POP) = NHU$$

- Total Individuals with Use/Disorders (TIUD):
  - Combine the Estimated Numbers of Pain Reliever Use Disorder and Heroin Use.

$$(NPRMD + NHU) = \text{Total Individuals with Use/Disorders (TIUD)}$$



- Unmet Treatment need (UNMET):
  - Estimated percentage of individuals needing but not receiving treatment for Drug Use/Disorder (NOTREAT) is applied to the total number of individuals with a use/disorder (TIUD).

$$(TIUD * NOTREAT) = UNMET$$

- Remaining County Treatment Capacity (RTC):
  - Combine providers clinic capacity to have a county capacity (TCC) and subtract the combined average daily census (ADC)

$$(TCC - ADC) = RTC$$

The Department will determine need for each county by entering values for each data point as described.

- If UNMET minus RTC is < 60, then additional clinics are not needed.
- If UNMET is not greater than RTC, then additional clinics are not needed, unless the existing clinic(s) do not serve individuals who are indigent and eligible for publicly-funded services, pregnant women, and Medicaid recipients and then an additional clinic which serves these populations is needed.
- If UNMET minus RTC is > 60, then additional clinics are needed, at least one of which must serve individuals who are indigent and eligible for publicly-funded services, pregnant women, and Medicaid recipients.
- Determination of number of additional clinics needed:
  - If UNMET is not greater than RTC, but the existing clinic(s) do not serve individuals who are indigent and eligible for publicly-funded services, pregnant women, and Medicaid recipients and then one additional clinic which serves these populations is needed.
  - If UNMET minus RTC is > 60, then determine average clinic capacity (ACC) by adding the provider capacity of all full clinics and divide by the number of full clinics.
    - Divide (UNMET-RTC) by average clinic capacity (ACC)
    - $((UNMET-RTC)/ACC) = \text{Number of additional clinics needed per county}$

| Treatment providers combined Average |                                               |
|--------------------------------------|-----------------------------------------------|
| County                               | SumOfAverage<br>Census Feb 2020 - Jan<br>2021 |
| Alachua                              | 322                                           |
| Bay                                  | 601                                           |
| Brevard                              | 671                                           |
| Broward                              | 888                                           |
| Charlotte                            |                                               |
| Clay                                 |                                               |
| Collier                              | 298                                           |
| Columbia                             | 120                                           |
| Duval                                | 2902                                          |
| Escambia                             | 1215                                          |
| Hernando                             | 636                                           |
| Hillsborough                         | 1377                                          |
| Lee                                  | 1383                                          |
| Leon                                 | 336                                           |
| Levy                                 |                                               |
| Manatee                              | 598                                           |
| Marion                               | 972                                           |
| Miami-Dade                           | 229                                           |
| Okaloosa                             | 283                                           |
| Orange                               | 1940                                          |
| Osceola                              | 523                                           |
| Palm Beach                           | 1015                                          |
| Pasco                                | 664                                           |
| Pinellas                             | 2480                                          |
| Polk                                 | 306                                           |
| Sarasota                             | 839                                           |
| St. Johns                            | 471                                           |
| St. Lucie                            | 291                                           |
| Volusia                              | 910                                           |

| Clininc Capacity Query |                               |
|------------------------|-------------------------------|
| County                 | SumOfIndividuals Serve In Day |
| Alachua                | 200                           |
| Bay                    | 2000                          |
| Brevard                | 1400                          |
| Broward                | 1400                          |
| Charlotte              | 800                           |
| Clay                   | 350                           |
| Collier                | 400                           |
| Columbia               | 600                           |
| Dade                   | 300                           |
| Duval                  | 3750                          |
| Escambia               | 1900                          |
| Hernando               | 850                           |
| Hillsborough           | 1500                          |
| Lee                    | 2550                          |
| Leon                   | 354                           |
| Levy                   | 200                           |
| Manatee                | 1000                          |
| Marion                 | 850                           |
| Okaloosa               | 750                           |
| Orange                 | 1949                          |
| Osceola                | 450                           |
| Palm Beach             | 1200                          |
| Pasco                  | 825                           |
| Pinellas               | 4475                          |
| Polk                   | 650                           |
| Sarasota               | 1250                          |
| St. Johns              | 450                           |
| St. Lucie              | 300                           |
| Volusia                | 1050                          |

| Region | OTP Number | County    | Program Name                                                         | Treat Pregnant Women? | Phone                   | Accepted forms of payment                                                                     |
|--------|------------|-----------|----------------------------------------------------------------------|-----------------------|-------------------------|-----------------------------------------------------------------------------------------------|
|        | FL10127M   | Alachua   | Meridian Behavioral Healthcare, Inc. - Gainesville                   | Yes                   | (352) 374-5600<br>x8976 | Medicaid, Medicare, Self Pay, Grants                                                          |
|        | FL10135M   | Bay       | Bay County Healthcare Treatment Center of Panama City                | Yes                   | (850) 769-5695          | Private Pay, Medicaid provider                                                                |
|        | FL10084M   | Brevard   | Central Florida Treatment Center /Cocoa                              | Yes                   | (321) 631-4578          | Medicaid/HMOs, Medicare, private pay                                                          |
|        | FL10124M   | Brevard   | Central Florida Treatment Center/ Palm Bay                           | Yes                   | (321) 951-9750          | Medicaid, Medicare, Private Pay , VA, FL Cares, Grant fuding for indigent patients in Brevard |
|        | FL10051M   | Broward   | Broward Treatment Center                                             | Yes                   | (954) 922-0522          | Private Pay, Commerical Insurance, Medicaid, Medicare                                         |
|        |            | Broward   | Central Florida Treatment Center/Sunrise<br><b>(Medication Unit)</b> |                       | (954) 533-1670          |                                                                                               |
|        | FL10073M   | Broward   | Metro Treatment of Florida, LP Pompano                               | Yes                   | (954) 782-9774          | Self pay and Commercial Insurance                                                             |
|        | FL10125M   | Broward   | Sunrise Treatment Center Sunrise                                     | Yes                   | (954) 578-7684          | Private Pay, Medicaid, Medicare, Commerical Insurance                                         |
|        | FL10115M   | Charlotte | Operation PAR Port Charlotte MAPS Clinic<br><b>(Medication Unit)</b> |                       | (941) 613-0951          |                                                                                               |
|        | (FL10066M) | Clay      | River Region Human Services, Inc. JAX<br><b>(Medication Unit)</b>    |                       | (904)899-6300           |                                                                                               |
|        | FL10146M   | Collier   | Naples Metro Treatment Center                                        | Yes                   | (239) 280-0487          | Private Pay, Medicaid, Medicare, Commerical Insurance                                         |
|        | FL10134M   | Columbia  | Meridian Behavioral Healthcare Lake City                             | Yes                   | (352) 374-5600          | Medicaid, Medicare, Self Pay, Grants                                                          |
|        | FL10151M   | Duval     | Duval County Treatment Center                                        | Yes                   | (904) 800-2231          | Medicaid, Medicare, Grant funding, Private Pay                                                |
|        | FL10093M   | Duval     | Jacksonville Metro Treatment Center                                  | Yes                   | (904) 398-7015          | Third party insurance, Medicaid, Medicare, private pay, LSF Funding                           |

|  |           |              |                                                                |     |                |                                                                                                                                          |
|--|-----------|--------------|----------------------------------------------------------------|-----|----------------|------------------------------------------------------------------------------------------------------------------------------------------|
|  | FL 10153M | Duval        | North Florida Comprehensive Treatment Center                   | Yes | (904) 438-7640 | Private Pay, Medicaid<br>Medicaid, Some Private<br>Insurances                                                                            |
|  | FL10150M  | Duval        | Parkside Clinic, LLC                                           | Yes | (904) 737-5000 | Private Pay                                                                                                                              |
|  | FL10066M  | Duval        | River Region Human Services, Inc. JAX                          | Yes | (904) 899-6300 | Medicaid, Contracts, Private<br>Pay                                                                                                      |
|  | FL10140M  | Escambia     | Lakeview Center Inc. Century Clinic                            | Yes | (850) 256-6165 | Medicaid, Medicare, Insurance<br>Plans, Self Pay, State and<br>Federal Funding                                                           |
|  | FL10059M  | Escambia     | Lakeview Center, Inc. Pensacola                                | Yes | (850) 466-3400 | Medicaid, Medicare, Insurance<br>Plans, Self Pay, State and<br>Federal Funding                                                           |
|  | FL10110M  | Escambia     | Metro Treatment of Florida, LP Pensacola                       | Yes | (850) 968-3565 | Medicaid, Medicare,<br>Commercial Insurance                                                                                              |
|  | FL10141M  | Hernando     | Operation PAR ( MAPS) Hernando                                 | Yes | (352) 666-5709 | Medicaid, Medicare, Private<br>Pay, Private Insurance                                                                                    |
|  | FL10067M  | Hillsborough | DACCO Behavioral Health, Inc.                                  | Yes | (813) 384-4010 | Medicaid, Medicaid Managed<br>Care, Commercial Insurance,<br>State and Federal Funding                                                   |
|  | FL10092M  | Hillsborough | Tampa Metro Treatment Center                                   | Yes | (813) 236-1182 | Private Pay                                                                                                                              |
|  | FL10115M  | Lee          | Operation PAR Medication Assisted<br>Patient Services FT Myers | Yes | (239) 656-7700 | Grant Funding, Medicaid,<br>Medicaid Managed Care Plans,<br>Medicare, Private Pay, Sliding<br>Fee Scale, Third Party Health<br>Insurance |
|  | FL10115M  | Lee          | Operation PAR - S. Ft. Myers MAPS Clinic<br>(Medication Unit)  |     | (239) 433-6520 |                                                                                                                                          |
|  | FL10155M  | Lee          | Metro Treatment of Florida, L.P.                               | Yes | (239) 491-8092 | Private Pay                                                                                                                              |
|  | FL10109M  | Leon         | Leon Metro Treatment of Florida, LP                            | Yes | (850) 878-7776 | Medicaid, Medicare,<br>Commercial Insurance, VA<br>insurance, Private Pay                                                                |

|  |            |            |                                                                      |     |                            |                                                                                                                                          |
|--|------------|------------|----------------------------------------------------------------------|-----|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
|  | (FL10127M) | Levy       | Meridian Behavioral Healthcare, Inc.<br><b>(Medication Unit)</b>     |     | (352) 374-5600 Ext<br>8725 |                                                                                                                                          |
|  | FL10090M   | Manatee    | Operation PAR Medication Assisted<br>Patient Services Bradenton      | Yes | (941) 753-0877             | Grant Funding, Medicaid,<br>Medicaid Managed Care Plans,<br>Medicare, Private Pay, Sliding<br>Fee Scale, Third Party Health<br>Insurance |
|  | FL10096M   | Marion     | Quad County Treatment Center Ocala                                   | Yes | (352) 732-6565             | Private Pay, Medicaid,<br>Medicare, Grant funding,<br>Commercial Insurance                                                               |
|  | FL10077M   | Miami-Dade | Comprehensive Psychiatric Center (North)                             | Yes | (305) 651-2332             | Private Pay, sliding fee, will<br>cover cost for pregnant woman<br>until delivery                                                        |
|  | FL10074M   | Miami-Dade | Comprehensive Psychiatric Center (South)                             | Yes | (305) 238-5121             | Private Pay, sliding fee, will<br>cover cost for pregnant woman<br>until delivery                                                        |
|  | FL10119M   | Okaloosa   | Lakeview Center Inc. Shalimar                                        | Yes | (850) 609-1040             | Medicaid, Medicare, Insurance<br>Plans, Self Pay, State and<br>Federal Funding                                                           |
|  | FL10080M   | Orange     | Central Florida Treatment Center/<br>Orlando                         | Yes | (407) 843-0041             | Private Pay, Commercial<br>Insurance                                                                                                     |
|  | FL10085M   | Orange     | Orlando Methadone Treatment Center                                   | Yes | (407) 275-8939             | Private Pay, Medicare,<br>Medicaid, Commercial<br>Insurance                                                                              |
|  | FL10062M   | Orange     | The Center for Drug Free Living /Orlando<br>(Aspire Health Partners) | Yes | (407) 245-0017             | Grant, Commercial Insurance,<br>Private Pay                                                                                              |
|  | FL10112M   | Osceola    | Mid Florida Metro Treatment Center<br>Kissimmee                      | Yes | (407) 933-8331             | Medicaid, Medicare,<br>Marketplace, Commercial<br>Insurance, Private Pay                                                                 |
|  | FL10148M   | Palm Beach | Access Recovery Solutions, LLC                                       | Yes | (561) 865-2550             | Private Pay, SBFBN Grant,<br>Medicare, Medicaid (approval<br>pending)                                                                    |
|  | FL10130M   | Palm Beach | Central Florida Treatment Center/ Lake<br>Worth                      | Yes | (561) 439-8440             | Medicaid, Medicare, Private<br>Pay                                                                                                       |
|  | FL10072M   | Palm Beach | Metro Treatment of Florida, LP West Palm                             | Yes | (561) 433-5687             | Private Pay                                                                                                                              |

|  |          |           |                                                                |     |                |                                                                                                                              |
|--|----------|-----------|----------------------------------------------------------------|-----|----------------|------------------------------------------------------------------------------------------------------------------------------|
|  | FL10108M | Pasco     | Operation PAR Medication Assisted Patient Services Port Richey | Yes | (727) 816-1200 | Grant Funding, Medicaid, Medicaid Managed Care Plans, Medicare, Private Pay, Sliding Fee Scale, Third Party Health Insurance |
|  | FL10098M | Pinellas  | Bay Area Treatment Center Pinellas Park                        | Yes | (727) 544-0044 | Private Pay, Medicaid, Medicare, Commerical Insurance                                                                        |
|  | FL10061M | Pinellas  | Operation PAR Medication Assisted Patient Services Clearwater  | Yes | (727) 507-4673 | Grant Funding, Medicaid, Medicaid Managed Care Plans, Medicare, Private Pay, Sliding Fee Scale, Third Party Health Insurance |
|  | FL10061M | Pinellas  | Operation PAR -St Petersburg Clinic <b>(Medication Unit)</b>   |     | (727) 550-4239 |                                                                                                                              |
|  | FL10061M | Pinellas  | Operation PAR - Largo <b>(MedicationUnit)</b>                  |     | (888) 727-6398 |                                                                                                                              |
|  | FL10098M | Pinellas  | St Petersburg Metro Treatment Center <b>(Medication Unit)</b>  |     | (727) 547-5200 |                                                                                                                              |
|  | FL10156M | Pinellas  | Lakeside Clinic, LLC                                           | Yes | (727) 223-3545 | Private Pay, Third Party Billing                                                                                             |
|  | FL10158M | Polk      | DACCO Behavioral Health, Inc.                                  | Yes | (863) 608-7778 | Medicaid (managed), Insurance, Medicaid, Self Pay, State and Federal Grants                                                  |
|  | FL10087M | Polk      | Lakeland Centres Florida                                       | Yes | (863) 687-9900 | Private Pay                                                                                                                  |
|  | FL10137M | Sarasota  | Operation PAR Medication Assisted Patient Services Sarasota    | Yes | (941) 925-6672 | Grant Funding, Medicaid, Medicaid Managed Care Plans, Medicare, Private Pay, Sliding Fee Scale, Third Party Health Insurance |
|  | FL10138M | Sarasota  | Sarasota Metro Treatment Center                                | Yes | (941) 554-4551 | Commerical Insurance, Medicaid, Medicare, Self Pay                                                                           |
|  | FL10139M | St. Johns | St Augustine Metro Treatment Center                            | Yes | (904) 217-7161 | Private Pay                                                                                                                  |

|           |                |           |                                                              |            |                |                                                                |
|-----------|----------------|-----------|--------------------------------------------------------------|------------|----------------|----------------------------------------------------------------|
|           | FL10132M       | St. Lucie | Central Florida Treatment Center /Ft<br>Pierce               | <b>Yes</b> | (772) 468-6800 | Private Pay, Medicaid,<br>Medicare, VA                         |
|           | FL10088M       | Volusia   | Metro Treatment of Florida, LP Daytona                       | <b>Yes</b> | (386) 254-1931 | Insurance, Medicare,<br>Marketplace,private pay, fixed<br>rate |
| <b>NW</b> | <b>6 OTPs</b>  |           |                                                              |            |                |                                                                |
| <b>NE</b> | <b>10 OTPs</b> |           |                                                              |            |                |                                                                |
| <b>C</b>  | <b>10 OTPs</b> |           |                                                              |            |                |                                                                |
| <b>SE</b> | <b>7 OTPs</b>  |           |                                                              |            |                |                                                                |
| <b>S</b>  | <b>3 OTPs</b>  |           |                                                              |            |                |                                                                |
| <b>SC</b> | <b>15 OTPs</b> |           |                                                              |            |                |                                                                |
|           |                |           |                                                              |            |                |                                                                |
|           |                |           | <b>*Medication Unit - Dosing and Urine<br/>analysis only</b> |            |                |                                                                |
|           |                |           | <b>**As reported in PLADS 2/2021</b>                         |            |                |                                                                |



**Populati  
on by  
County  
by Age  
Year=20  
21  
(provisio  
nal)**

|                     | Population |         |         |         |         |         |         |         |        |                  |
|---------------------|------------|---------|---------|---------|---------|---------|---------|---------|--------|------------------|
|                     | 18-19      | 20-24   | 25-34   | 35-44   | 45-54   | 55-64   | 65-74   | 75-84   | 85+    | Total            |
| <b>Alachua</b>      | 14,071     | 41,535  | 42,321  | 30,538  | 26,242  | 29,147  | 23,974  | 11,231  | 4,605  | <b>223,664</b>   |
| <b>Baker</b>        | 706        | 1,719   | 4,323   | 3,817   | 3,825   | 3,594   | 2,426   | 1,239   | 402    | <b>22,051</b>    |
| <b>Bay</b>          | 3,644      | 9,725   | 23,902  | 21,791  | 22,653  | 26,541  | 19,351  | 9,818   | 3,957  | <b>141,382</b>   |
| <b>Bradford</b>     | 560        | 1,781   | 4,544   | 3,867   | 3,637   | 3,751   | 2,897   | 1,674   | 620    | <b>23,331</b>    |
| <b>Brevard</b>      | 11,944     | 31,017  | 69,964  | 64,192  | 74,610  | 100,439 | 79,990  | 48,724  | 19,277 | <b>500,157</b>   |
| <b>Broward</b>      | 40,830     | 109,989 | 264,124 | 262,913 | 270,448 | 266,772 | 187,778 | 102,180 | 46,838 | <b>1,551,872</b> |
| <b>Calhoun</b>      | 273        | 805     | 2,049   | 1,958   | 2,047   | 2,035   | 1,600   | 920     | 321    | <b>12,008</b>    |
| <b>Charlotte</b>    | 2,294      | 6,698   | 14,614  | 13,864  | 19,090  | 32,379  | 40,438  | 26,204  | 10,081 | <b>165,662</b>   |
| <b>Citrus</b>       | 2,041      | 5,599   | 13,127  | 11,819  | 16,141  | 24,660  | 29,780  | 19,372  | 6,397  | <b>128,936</b>   |
| <b>Clay</b>         | 5,219      | 12,274  | 28,009  | 28,968  | 29,937  | 31,219  | 22,956  | 10,408  | 3,171  | <b>172,161</b>   |
| <b>Collier</b>      | 7,269      | 18,140  | 37,317  | 37,899  | 44,256  | 53,340  | 62,231  | 48,636  | 18,766 | <b>327,854</b>   |
| <b>Columbia</b>     | 1,599      | 4,542   | 9,361   | 8,432   | 8,418   | 9,809   | 7,942   | 4,283   | 1,509  | <b>55,895</b>    |
| <b>Miami-Dade</b>   | 65,505     | 174,582 | 411,435 | 396,661 | 421,674 | 370,216 | 259,305 | 158,455 | 68,423 | <b>2,326,256</b> |
| <b>Desoto</b>       | 810        | 2,330   | 5,202   | 4,530   | 4,217   | 4,383   | 4,177   | 2,990   | 1,078  | <b>29,717</b>    |
| <b>Dixie</b>        | 292        | 824     | 1,952   | 2,018   | 2,053   | 2,576   | 2,258   | 1,300   | 405    | <b>13,678</b>    |
| <b>Duval</b>        | 20,217     | 64,127  | 166,233 | 128,274 | 122,109 | 128,088 | 88,784  | 40,525  | 15,698 | <b>774,055</b>   |
| <b>Escambia</b>     | 8,701      | 25,647  | 48,544  | 36,493  | 36,612  | 44,399  | 33,067  | 16,773  | 6,234  | <b>256,470</b>   |
| <b>Flagler</b>      | 3,018      | 4,997   | 10,469  | 11,183  | 13,749  | 18,347  | 21,025  | 11,457  | 3,911  | <b>98,156</b>    |
| <b>Franklin</b>     | 159        | 651     | 1,837   | 1,421   | 1,512   | 1,849   | 1,838   | 921     | 207    | <b>10,395</b>    |
| <b>Gadsden</b>      | 1,125      | 2,736   | 5,596   | 5,779   | 6,021   | 6,592   | 5,207   | 2,522   | 967    | <b>36,545</b>    |
| <b>Gilchrist</b>    | 517        | 1,517   | 1,879   | 1,899   | 2,207   | 2,685   | 2,062   | 1,228   | 474    | <b>14,468</b>    |
| <b>Glades</b>       | 270        | 633     | 1,684   | 1,689   | 1,664   | 1,794   | 1,814   | 1,481   | 370    | <b>11,399</b>    |
| <b>Gulf</b>         | 229        | 683     | 1,555   | 1,429   | 1,868   | 2,400   | 2,346   | 1,198   | 383    | <b>12,091</b>    |
| <b>Hamilton</b>     | 295        | 1,308   | 2,048   | 1,661   | 1,871   | 1,942   | 1,639   | 757     | 309    | <b>11,830</b>    |
| <b>Hardee</b>       | 693        | 1,953   | 3,696   | 3,063   | 3,316   | 2,930   | 2,617   | 1,589   | 603    | <b>20,460</b>    |
| <b>Hendry</b>       | 1,176      | 2,629   | 5,775   | 5,153   | 5,133   | 4,609   | 3,128   | 1,795   | 708    | <b>30,106</b>    |
| <b>Hernando</b>     | 3,957      | 9,256   | 20,767  | 20,137  | 23,588  | 28,515  | 28,692  | 18,572  | 6,414  | <b>159,898</b>   |
| <b>Highlands</b>    | 1,671      | 4,603   | 10,057  | 9,163   | 10,041  | 13,893  | 17,680  | 14,576  | 5,633  | <b>87,317</b>    |
| <b>Hillsborough</b> | 33,973     | 95,292  | 230,977 | 208,591 | 199,278 | 183,921 | 131,000 | 63,904  | 24,448 | <b>1,171,384</b> |
| <b>Holmes</b>       | 428        | 1,265   | 2,597   | 2,375   | 2,672   | 2,797   | 2,223   | 1,372   | 441    | <b>16,170</b>    |
| <b>Indian River</b> | 2,836      | 6,879   | 14,836  | 14,108  | 17,412  | 25,043  | 28,442  | 18,268  | 7,690  | <b>135,514</b>   |
| <b>Jackson</b>      | 970        | 2,778   | 6,170   | 6,283   | 5,945   | 6,368   | 5,347   | 3,201   | 1,193  | <b>38,255</b>    |
| <b>Jefferson</b>    | 261        | 646     | 1,721   | 1,690   | 2,075   | 2,366   | 2,165   | 1,104   | 396    | <b>12,424</b>    |
| <b>Lafayette</b>    | 254        | 666     | 1,209   | 1,226   | 1,151   | 1,045   | 868     | 487     | 163    | <b>7,069</b>     |
| <b>Lake</b>         | 9,066      | 17,779  | 41,882  | 41,099  | 44,578  | 51,766  | 55,029  | 35,194  | 12,019 | <b>308,412</b>   |
| <b>Lee</b>          | 14,286     | 37,360  | 84,442  | 79,805  | 88,041  | 109,293 | 120,924 | 77,109  | 27,437 | <b>638,697</b>   |
| <b>Leon</b>         | 9,845      | 47,179  | 43,658  | 33,872  | 30,532  | 32,445  | 26,213  | 11,476  | 4,475  | <b>239,695</b>   |
| <b>Levy</b>         | 1,337      | 1,887   | 4,729   | 4,151   | 5,000   | 6,654   | 6,220   | 3,359   | 945    | <b>34,282</b>    |
| <b>Liberty</b>      | 162        | 555     | 1,519   | 1,382   | 1,271   | 1,083   | 776     | 441     | 109    | <b>7,298</b>     |
| <b>Madison</b>      | 352        | 1,083   | 2,685   | 2,319   | 2,494   | 2,727   | 2,427   | 1,222   | 422    | <b>15,731</b>    |
| <b>Manatee</b>      | 7,325      | 19,102  | 42,660  | 41,691  | 47,992  | 60,162  | 61,339  | 37,173  | 15,269 | <b>332,713</b>   |
| <b>Marion</b>       | 7,060      | 17,798  | 40,890  | 37,003  | 41,183  | 51,325  | 58,072  | 38,450  | 12,161 | <b>303,942</b>   |
| <b>Martin</b>       | 2,785      | 6,989   | 15,284  | 15,072  | 19,197  | 25,853  | 24,995  | 18,037  | 8,298  | <b>136,510</b>   |

|                    |                |                  |                  |                  |                  |                  |                  |                  |                |                   |
|--------------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------|-------------------|
| <b>Monroe</b>      | 1,121          | 3,533            | 9,386            | 9,152            | 10,700           | 12,696           | 10,937           | 5,376            | 1,816          | <b>64,717</b>     |
| <b>Nassau</b>      | 1,563          | 4,170            | 10,148           | 10,048           | 11,413           | 13,792           | 12,661           | 5,829            | 1,857          | <b>71,481</b>     |
| <b>Okaloosa</b>    | 4,278          | 13,880           | 32,982           | 25,709           | 22,369           | 27,730           | 19,881           | 10,200           | 3,587          | <b>160,616</b>    |
| <b>Okeechobee</b>  | 934            | 2,274            | 5,658            | 5,215            | 5,339            | 5,480            | 4,560            | 2,970            | 1,008          | <b>33,438</b>     |
| <b>Orange</b>      | 40,019         | 108,168          | 244,675          | 210,186          | 188,774          | 165,214          | 108,572          | 50,809           | 20,056         | <b>1,136,473</b>  |
| <b>Osceola</b>     | 10,465         | 26,590           | 57,648           | 58,819           | 52,927           | 43,878           | 32,510           | 16,537           | 5,219          | <b>304,593</b>    |
| <b>Palm Beach</b>  | 30,784         | 78,412           | 176,740          | 170,888          | 185,885          | 198,510          | 175,359          | 122,867          | 63,740         | <b>1,203,185</b>  |
| <b>Pasco</b>       | 11,529         | 27,290           | 61,894           | 67,124           | 71,674           | 74,639           | 67,829           | 41,624           | 14,998         | <b>438,601</b>    |
| <b>Pinellas</b>    | 16,793         | 47,497           | 120,633          | 109,424          | 127,296          | 160,718          | 135,125          | 79,281           | 37,616         | <b>834,383</b>    |
| <b>Polk</b>        | 17,791         | 42,629           | 94,950           | 86,521           | 84,880           | 87,939           | 81,949           | 48,542           | 16,631         | <b>561,832</b>    |
| <b>Putnam</b>      | 1,532          | 3,733            | 8,310            | 7,297            | 8,336            | 11,358           | 10,115           | 5,472            | 1,821          | <b>57,974</b>     |
| <b>Saint Johns</b> | 6,552          | 12,690           | 26,310           | 36,162           | 38,009           | 39,316           | 34,379           | 16,464           | 5,991          | <b>215,873</b>    |
| <b>Saint Lucie</b> | 6,563          | 16,501           | 36,859           | 35,396           | 38,971           | 45,575           | 43,298           | 26,211           | 9,907          | <b>259,281</b>    |
| <b>Santa Rosa</b>  | 3,704          | 10,338           | 25,914           | 24,519           | 24,718           | 26,312           | 18,707           | 9,210            | 2,642          | <b>146,064</b>    |
| <b>Sarasota</b>    | 7,047          | 17,530           | 37,130           | 36,906           | 47,195           | 68,551           | 82,432           | 57,170           | 25,121         | <b>379,082</b>    |
| <b>Seminole</b>    | 10,625         | 29,361           | 71,196           | 68,031           | 65,563           | 63,105           | 45,677           | 22,243           | 9,873          | <b>385,674</b>    |
| <b>Sumter</b>      | 917            | 3,031            | 8,057            | 8,148            | 8,949            | 18,599           | 44,411           | 29,319           | 6,154          | <b>127,585</b>    |
| <b>Suwannee</b>    | 1,030          | 2,523            | 5,765            | 5,061            | 5,576            | 6,724            | 5,616            | 3,279            | 1,213          | <b>36,787</b>     |
| <b>Taylor</b>      | 418            | 1,251            | 3,304            | 2,695            | 2,839            | 3,002            | 2,771            | 1,521            | 484            | <b>18,285</b>     |
| <b>Union</b>       | 324            | 992              | 2,372            | 2,054            | 2,110            | 2,234            | 1,411            | 746              | 200            | <b>12,443</b>     |
| <b>Volusia</b>     | 12,494         | 30,908           | 65,302           | 57,928           | 66,238           | 84,753           | 77,349           | 43,271           | 16,953         | <b>455,196</b>    |
| <b>Wakulla</b>     | 696            | 1,683            | 4,723            | 4,694            | 4,945            | 4,734            | 3,478            | 1,492            | 407            | <b>26,852</b>     |
| <b>Walton</b>      | 1,328          | 3,258            | 8,886            | 9,274            | 9,624            | 11,928           | 9,402            | 4,278            | 1,369          | <b>59,347</b>     |
| <b>Washington</b>  | 480            | 1,642            | 3,629            | 3,192            | 3,484            | 3,503            | 2,593            | 1,429            | 347            | <b>20,299</b>     |
| <b>Total</b>       | <b>479,012</b> | <b>1,289,442</b> | <b>2,870,114</b> | <b>2,665,721</b> | <b>2,775,574</b> | <b>2,962,042</b> | <b>2,514,064</b> | <b>1,477,765</b> | <b>592,237</b> | <b>17,625,971</b> |

**2016-2017**  
**National Survey on Drug Use and Health:**  
**Model-Based Prevalence Estimates**  
**(50 States and the District of Columbia)**

**Table 1 *Illicit Drug Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs***

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 10.90             | (10.64 - 11.17)                     | 7.88                | (7.51 - 8.25)                         | 23.69               | (23.06 - 24.33)                       | 9.18              | (8.89 - 9.48)                       | 11.21             | (10.93 - 11.50)                     |
| Northeast            | 11.55             | (11.03 - 12.09)                     | 8.06                | (7.37 - 8.80)                         | 27.12               | (25.77 - 28.51)                       | 9.45              | (8.82 - 10.11)                      | 11.87             | (11.32 - 12.45)                     |
| Midwest              | 10.32             | (9.90 - 10.75)                      | 7.82                | (7.30 - 8.38)                         | 23.06               | (21.95 - 24.20)                       | 8.50              | (7.99 - 9.04)                       | 10.57             | (10.12 - 11.04)                     |
| South                | 9.15              | (8.80 - 9.52)                       | 7.29                | (6.83 - 7.79)                         | 20.75               | (19.85 - 21.68)                       | 7.51              | (7.06 - 7.98)                       | 9.34              | (8.96 - 9.74)                       |
| West                 | 13.73             | (13.16 - 14.31)                     | 8.73                | (8.05 - 9.46)                         | 26.29               | (24.93 - 27.70)                       | 12.24             | (11.55 - 12.96)                     | 14.24             | (13.62 - 14.88)                     |
| Alabama              | 8.67              | (7.37 - 10.18)                      | 7.21                | (5.79 - 8.95)                         | 19.11               | (15.99 - 22.68)                       | 7.15              | (5.74 - 8.87)                       | 8.82              | (7.44 - 10.43)                      |
| Alaska               | 16.81             | (14.84 - 18.99)                     | 10.61               | (8.65 - 12.96)                        | 27.92               | (24.17 - 32.01)                       | 15.75             | (13.42 - 18.41)                     | 17.50             | (15.37 - 19.87)                     |
| Arizona              | 10.77             | (9.20 - 12.58)                      | 7.80                | (6.22 - 9.74)                         | 21.28               | (17.66 - 25.40)                       | 9.39              | (7.63 - 11.51)                      | 11.09             | (9.40 - 13.03)                      |
| Arkansas             | 10.51             | (9.01 - 12.21)                      | 7.57                | (6.11 - 9.36)                         | 18.52               | (15.31 - 22.22)                       | 9.55              | (7.84 - 11.59)                      | 10.82             | (9.21 - 12.66)                      |
| California           | 13.11             | (12.26 - 14.02)                     | 8.20                | (7.20 - 9.33)                         | 26.30               | (24.26 - 28.46)                       | 11.46             | (10.46 - 12.55)                     | 13.61             | (12.69 - 14.60)                     |
| Colorado             | 17.83             | (15.82 - 20.03)                     | 9.83                | (7.96 - 12.09)                        | 33.95               | (29.61 - 38.58)                       | 16.14             | (13.83 - 18.74)                     | 18.63             | (16.47 - 21.01)                     |
| Connecticut          | 12.33             | (10.74 - 14.12)                     | 9.64                | (7.73 - 11.95)                        | 32.68               | (28.41 - 37.26)                       | 9.34              | (7.59 - 11.43)                      | 12.60             | (10.91 - 14.51)                     |
| Delaware             | 11.71             | (10.10 - 13.54)                     | 9.71                | (7.83 - 11.99)                        | 26.00               | (22.30 - 30.07)                       | 9.80              | (8.02 - 11.91)                      | 11.90             | (10.19 - 13.84)                     |
| District of Columbia | 19.92             | (17.74 - 22.30)                     | 11.20               | (9.10 - 13.71)                        | 36.86               | (32.45 - 41.51)                       | 17.21             | (14.72 - 20.02)                     | 20.41             | (18.14 - 22.89)                     |
| Florida              | 10.36             | (9.51 - 11.29)                      | 8.89                | (7.76 - 10.15)                        | 24.30               | (22.13 - 26.61)                       | 8.60              | (7.63 - 9.67)                       | 10.49             | (9.58 - 11.48)                      |
| Georgia              | 8.34              | (7.32 - 9.50)                       | 6.57                | (5.34 - 8.05)                         | 20.23               | (17.64 - 23.10)                       | 6.57              | (5.45 - 7.92)                       | 8.54              | (7.45 - 9.79)                       |
| Hawaii               | 9.60              | (8.10 - 11.35)                      | 7.62                | (6.03 - 9.59)                         | 19.26               | (16.07 - 22.92)                       | 8.48              | (6.82 - 10.49)                      | 9.78              | (8.19 - 11.64)                      |
| Idaho                | 9.02              | (7.69 - 10.56)                      | 7.67                | (6.10 - 9.61)                         | 17.59               | (14.62 - 21.01)                       | 7.79              | (6.31 - 9.59)                       | 9.19              | (7.76 - 10.85)                      |
| Illinois             | 10.05             | (9.08 - 11.10)                      | 8.34                | (7.08 - 9.80)                         | 25.72               | (23.10 - 28.52)                       | 7.71              | (6.63 - 8.95)                       | 10.22             | (9.19 - 11.36)                      |
| Indiana              | 11.24             | (9.76 - 12.93)                      | 7.58                | (6.08 - 9.42)                         | 23.72               | (20.32 - 27.50)                       | 9.53              | (7.86 - 11.51)                      | 11.64             | (10.05 - 13.44)                     |
| Iowa                 | 8.10              | (6.88 - 9.50)                       | 6.26                | (4.96 - 7.87)                         | 19.47               | (16.46 - 22.88)                       | 6.29              | (4.98 - 7.92)                       | 8.29              | (6.99 - 9.79)                       |
| Kansas               | 8.31              | (6.98 - 9.86)                       | 6.83                | (5.45 - 8.53)                         | 17.61               | (14.62 - 21.07)                       | 6.84              | (5.39 - 8.64)                       | 8.47              | (7.06 - 10.13)                      |
| Kentucky             | 9.09              | (7.71 - 10.70)                      | 7.46                | (6.00 - 9.23)                         | 18.65               | (15.60 - 22.15)                       | 7.73              | (6.20 - 9.60)                       | 9.26              | (7.78 - 10.98)                      |
| Louisiana            | 9.29              | (7.91 - 10.89)                      | 6.95                | (5.52 - 8.72)                         | 21.05               | (17.80 - 24.72)                       | 7.64              | (6.13 - 9.49)                       | 9.54              | (8.07 - 11.25)                      |
| Maine                | 16.35             | (14.39 - 18.51)                     | 10.67               | (8.73 - 12.98)                        | 36.10               | (31.78 - 40.67)                       | 14.25             | (12.03 - 16.80)                     | 16.83             | (14.74 - 19.14)                     |
| Maryland             | 11.88             | (10.37 - 13.58)                     | 9.05                | (7.27 - 11.21)                        | 28.26               | (24.55 - 32.29)                       | 9.70              | (8.04 - 11.66)                      | 12.16             | (10.56 - 13.98)                     |
| Massachusetts        | 16.00             | (14.12 - 18.09)                     | 10.90               | (8.94 - 13.24)                        | 33.41               | (29.28 - 37.80)                       | 13.55             | (11.43 - 15.98)                     | 16.46             | (14.46 - 18.69)                     |
| Michigan             | 13.39             | (12.27 - 14.60)                     | 9.40                | (8.12 - 10.84)                        | 26.48               | (23.99 - 29.13)                       | 11.67             | (10.36 - 13.12)                     | 13.80             | (12.59 - 15.10)                     |
| Minnesota            | 9.12              | (7.86 - 10.55)                      | 7.30                | (5.81 - 9.14)                         | 20.93               | (17.66 - 24.62)                       | 7.46              | (6.10 - 9.10)                       | 9.31              | (7.97 - 10.84)                      |
| Mississippi          | 9.27              | (7.90 - 10.84)                      | 7.02                | (5.61 - 8.75)                         | 18.85               | (15.55 - 22.66)                       | 7.90              | (6.36 - 9.76)                       | 9.51              | (8.04 - 11.22)                      |
| Missouri             | 10.36             | (9.00 - 11.91)                      | 8.26                | (6.69 - 10.17)                        | 20.72               | (17.49 - 24.36)                       | 8.93              | (7.41 - 10.72)                      | 10.58             | (9.13 - 12.23)                      |
| Montana              | 14.33             | (12.61 - 16.24)                     | 10.37               | (8.43 - 12.69)                        | 27.14               | (23.59 - 31.02)                       | 12.71             | (10.76 - 14.97)                     | 14.70             | (12.87 - 16.74)                     |

See notes at end of table.

(continued)

**Table 1 *Illicit Drug Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)***

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 9.04              | (7.74 - 10.54)                      | 6.65                | (5.31 - 8.29)                         | 22.11               | (18.77 - 25.85)                       | 7.02              | (5.61 - 8.76)                       | 9.30              | (7.91 - 10.92)                      |
| Nevada         | 13.42             | (11.66 - 15.41)                     | 10.15               | (8.20 - 12.50)                        | 27.74               | (23.85 - 31.99)                       | 11.72             | (9.75 - 14.02)                      | 13.75             | (11.87 - 15.88)                     |
| New Hampshire  | 14.28             | (12.59 - 16.15)                     | 9.87                | (8.10 - 11.97)                        | 32.43               | (28.38 - 36.76)                       | 11.93             | (10.03 - 14.13)                     | 14.68             | (12.89 - 16.67)                     |
| New Jersey     | 8.45              | (7.36 - 9.69)                       | 6.37                | (5.04 - 8.03)                         | 25.09               | (21.80 - 28.69)                       | 6.22              | (5.03 - 7.66)                       | 8.66              | (7.49 - 9.99)                       |
| New Mexico     | 13.51             | (11.76 - 15.48)                     | 11.00               | (8.93 - 13.49)                        | 26.72               | (22.81 - 31.02)                       | 11.65             | (9.68 - 13.95)                      | 13.78             | (11.90 - 15.90)                     |
| New York       | 11.06             | (10.18 - 12.00)                     | 7.86                | (6.78 - 9.10)                         | 25.04               | (22.87 - 27.35)                       | 9.12              | (8.09 - 10.26)                      | 11.35             | (10.41 - 12.36)                     |
| North Carolina | 9.76              | (8.59 - 11.07)                      | 7.59                | (6.30 - 9.13)                         | 21.08               | (18.33 - 24.12)                       | 8.23              | (6.89 - 9.80)                       | 9.98              | (8.72 - 11.40)                      |
| North Dakota   | 7.68              | (6.44 - 9.14)                       | 6.29                | (4.94 - 7.97)                         | 16.18               | (13.19 - 19.70)                       | 6.09              | (4.74 - 7.79)                       | 7.81              | (6.49 - 9.37)                       |
| Ohio           | 10.15             | (9.19 - 11.20)                      | 7.50                | (6.36 - 8.83)                         | 22.94               | (20.60 - 25.46)                       | 8.43              | (7.32 - 9.68)                       | 10.42             | (9.39 - 11.55)                      |
| Oklahoma       | 8.42              | (7.16 - 9.87)                       | 7.01                | (5.55 - 8.81)                         | 19.79               | (16.50 - 23.54)                       | 6.65              | (5.30 - 8.30)                       | 8.57              | (7.24 - 10.13)                      |
| Oregon         | 20.91             | (18.85 - 23.13)                     | 11.75               | (9.66 - 14.23)                        | 36.01               | (31.97 - 40.26)                       | 19.60             | (17.20 - 22.25)                     | 21.74             | (19.53 - 24.13)                     |
| Pennsylvania   | 10.15             | (9.18 - 11.22)                      | 6.73                | (5.65 - 8.00)                         | 23.74               | (21.42 - 26.23)                       | 8.42              | (7.30 - 9.70)                       | 10.47             | (9.43 - 11.62)                      |
| Rhode Island   | 17.45             | (15.44 - 19.67)                     | 11.81               | (9.71 - 14.30)                        | 33.07               | (29.18 - 37.19)                       | 15.24             | (12.95 - 17.85)                     | 17.95             | (15.82 - 20.31)                     |
| South Carolina | 8.36              | (7.09 - 9.82)                       | 7.71                | (6.17 - 9.59)                         | 20.91               | (17.74 - 24.47)                       | 6.48              | (5.12 - 8.16)                       | 8.42              | (7.10 - 9.96)                       |
| South Dakota   | 8.58              | (7.29 - 10.08)                      | 7.34                | (5.84 - 9.18)                         | 20.78               | (17.52 - 24.46)                       | 6.67              | (5.29 - 8.37)                       | 8.71              | (7.34 - 10.32)                      |
| Tennessee      | 9.63              | (8.23 - 11.23)                      | 7.49                | (5.97 - 9.36)                         | 22.69               | (19.16 - 26.65)                       | 7.80              | (6.29 - 9.64)                       | 9.84              | (8.35 - 11.56)                      |
| Texas          | 7.64              | (6.91 - 8.44)                       | 6.23                | (5.30 - 7.31)                         | 17.17               | (15.35 - 19.15)                       | 6.14              | (5.29 - 7.11)                       | 7.81              | (7.02 - 8.68)                       |
| Utah           | 8.05              | (6.89 - 9.38)                       | 6.10                | (4.79 - 7.74)                         | 17.00               | (13.97 - 20.53)                       | 6.39              | (5.12 - 7.95)                       | 8.32              | (7.06 - 9.78)                       |
| Vermont        | 19.41             | (17.23 - 21.79)                     | 11.80               | (9.63 - 14.38)                        | 40.32               | (35.47 - 45.36)                       | 16.53             | (14.07 - 19.31)                     | 20.05             | (17.73 - 22.59)                     |
| Virginia       | 8.22              | (7.19 - 9.40)                       | 6.73                | (5.50 - 8.21)                         | 20.77               | (18.11 - 23.70)                       | 6.39              | (5.27 - 7.72)                       | 8.37              | (7.27 - 9.62)                       |
| Washington     | 16.87             | (14.93 - 19.00)                     | 10.50               | (8.57 - 12.80)                        | 27.56               | (23.86 - 31.60)                       | 15.93             | (13.66 - 18.49)                     | 17.48             | (15.39 - 19.78)                     |
| West Virginia  | 9.00              | (7.69 - 10.52)                      | 6.67                | (5.19 - 8.54)                         | 19.30               | (16.14 - 22.91)                       | 7.74              | (6.28 - 9.50)                       | 9.21              | (7.82 - 10.82)                      |
| Wisconsin      | 9.12              | (7.78 - 10.67)                      | 6.97                | (5.58 - 8.67)                         | 21.69               | (18.28 - 25.53)                       | 7.31              | (5.87 - 9.07)                       | 9.34              | (7.91 - 11.00)                      |
| Wyoming        | 8.63              | (7.25 - 10.24)                      | 7.54                | (5.96 - 9.50)                         | 17.78               | (14.70 - 21.34)                       | 7.30              | (5.78 - 9.19)                       | 8.74              | (7.27 - 10.47)                      |

NOTE: Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine.

Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 2 Marijuana Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 14.50             | (14.20 - 14.80)                     | 12.19               | (11.77 - 12.63)                       | 33.91               | (33.17 - 34.66)                       | 11.61             | (11.27 - 11.95)                     | 14.73             | (14.41 - 15.06)                     |
| Northeast            | 15.10             | (14.51 - 15.71)                     | 12.29               | (11.48 - 13.15)                       | 37.92               | (36.47 - 39.39)                       | 11.77             | (11.06 - 12.51)                     | 15.36             | (14.73 - 16.02)                     |
| Midwest              | 13.88             | (13.37 - 14.41)                     | 12.74               | (12.04 - 13.47)                       | 33.63               | (32.50 - 34.78)                       | 10.74             | (10.12 - 11.39)                     | 14.00             | (13.44 - 14.57)                     |
| South                | 12.25             | (11.82 - 12.69)                     | 10.99               | (10.38 - 11.62)                       | 30.28               | (29.30 - 31.29)                       | 9.49              | (8.96 - 10.05)                      | 12.38             | (11.91 - 12.86)                     |
| West                 | 18.17             | (17.51 - 18.85)                     | 13.58               | (12.69 - 14.51)                       | 36.86               | (35.44 - 38.29)                       | 15.62             | (14.82 - 16.45)                     | 18.64             | (17.93 - 19.38)                     |
| Alabama              | 10.54             | (9.16 - 12.11)                      | 9.67                | (7.87 - 11.82)                        | 26.35               | (23.02 - 29.98)                       | 8.08              | (6.60 - 9.86)                       | 10.63             | (9.16 - 12.30)                      |
| Alaska               | 22.73             | (20.53 - 25.10)                     | 16.51               | (13.99 - 19.39)                       | 39.44               | (35.37 - 43.66)                       | 20.74             | (18.20 - 23.53)                     | 23.43             | (21.06 - 25.98)                     |
| Arizona              | 13.85             | (12.03 - 15.89)                     | 11.05               | (9.08 - 13.40)                        | 29.75               | (25.86 - 33.96)                       | 11.55             | (9.58 - 13.86)                      | 14.14             | (12.20 - 16.34)                     |
| Arkansas             | 12.60             | (11.07 - 14.31)                     | 10.87               | (8.97 - 13.11)                        | 27.09               | (23.66 - 30.82)                       | 10.43             | (8.75 - 12.39)                      | 12.78             | (11.15 - 14.61)                     |
| California           | 17.39             | (16.46 - 18.37)                     | 13.30               | (11.95 - 14.79)                       | 36.53               | (34.37 - 38.74)                       | 14.63             | (13.54 - 15.80)                     | 17.81             | (16.79 - 18.87)                     |
| Colorado             | 24.86             | (22.61 - 27.25)                     | 16.97               | (14.25 - 20.08)                       | 48.81               | (44.51 - 53.12)                       | 21.88             | (19.31 - 24.69)                     | 25.65             | (23.24 - 28.23)                     |
| Connecticut          | 16.22             | (14.47 - 18.13)                     | 14.73               | (12.26 - 17.59)                       | 45.21               | (40.97 - 49.52)                       | 11.68             | (9.82 - 13.85)                      | 16.37             | (14.51 - 18.41)                     |
| Delaware             | 14.80             | (13.08 - 16.70)                     | 13.48               | (11.18 - 16.17)                       | 37.20               | (33.10 - 41.50)                       | 11.60             | (9.75 - 13.75)                      | 14.92             | (13.10 - 16.95)                     |
| District of Columbia | 26.35             | (24.04 - 28.81)                     | 14.60               | (12.07 - 17.56)                       | 53.20               | (48.47 - 57.87)                       | 21.90             | (19.34 - 24.69)                     | 27.01             | (24.59 - 29.57)                     |
| Florida              | 13.69             | (12.69 - 14.76)                     | 13.46               | (11.98 - 15.10)                       | 35.77               | (33.45 - 38.17)                       | 10.69             | (9.56 - 11.93)                      | 13.71             | (12.63 - 14.85)                     |
| Georgia              | 11.64             | (10.41 - 12.99)                     | 10.39               | (8.68 - 12.39)                        | 29.91               | (26.89 - 33.12)                       | 8.73              | (7.41 - 10.26)                      | 11.78             | (10.47 - 13.24)                     |
| Hawaii               | 13.14             | (11.39 - 15.11)                     | 11.43               | (9.39 - 13.84)                        | 27.14               | (23.50 - 31.11)                       | 11.39             | (9.45 - 13.66)                      | 13.29             | (11.43 - 15.41)                     |
| Idaho                | 12.62             | (11.08 - 14.35)                     | 12.00               | (9.91 - 14.46)                        | 28.40               | (24.82 - 32.27)                       | 10.09             | (8.42 - 12.05)                      | 12.70             | (11.05 - 14.56)                     |
| Illinois             | 13.83             | (12.70 - 15.05)                     | 13.34               | (11.68 - 15.18)                       | 35.26               | (32.55 - 38.07)                       | 10.42             | (9.17 - 11.83)                      | 13.88             | (12.68 - 15.19)                     |
| Indiana              | 14.42             | (12.81 - 16.19)                     | 13.31               | (11.07 - 15.93)                       | 33.87               | (30.13 - 37.82)                       | 11.16             | (9.45 - 13.15)                      | 14.54             | (12.83 - 16.44)                     |
| Iowa                 | 11.39             | (9.97 - 12.98)                      | 10.22               | (8.30 - 12.52)                        | 30.88               | (27.35 - 34.64)                       | 8.05              | (6.55 - 9.86)                       | 11.51             | (9.99 - 13.21)                      |
| Kansas               | 11.93             | (10.41 - 13.65)                     | 11.76               | (9.69 - 14.21)                        | 28.87               | (25.33 - 32.69)                       | 8.93              | (7.30 - 10.87)                      | 11.95             | (10.33 - 13.80)                     |
| Kentucky             | 12.86             | (11.27 - 14.64)                     | 11.94               | (9.91 - 14.31)                        | 28.74               | (25.11 - 32.68)                       | 10.39             | (8.66 - 12.41)                      | 12.95             | (11.26 - 14.85)                     |
| Louisiana            | 12.23             | (10.72 - 13.94)                     | 9.92                | (8.11 - 12.07)                        | 28.98               | (25.28 - 32.98)                       | 9.76              | (8.13 - 11.66)                      | 12.48             | (10.85 - 14.32)                     |
| Maine                | 21.94             | (19.74 - 24.31)                     | 15.81               | (13.26 - 18.75)                       | 45.67               | (41.47 - 49.92)                       | 19.36             | (16.85 - 22.13)                     | 22.46             | (20.11 - 24.99)                     |
| Maryland             | 15.48             | (13.83 - 17.28)                     | 13.76               | (11.42 - 16.49)                       | 39.47               | (35.41 - 43.67)                       | 12.00             | (10.22 - 14.05)                     | 15.65             | (13.90 - 17.58)                     |
| Massachusetts        | 19.96             | (17.96 - 22.12)                     | 16.39               | (13.77 - 19.39)                       | 44.93               | (40.59 - 49.36)                       | 16.03             | (13.83 - 18.51)                     | 20.28             | (18.16 - 22.58)                     |
| Michigan             | 16.69             | (15.52 - 17.92)                     | 14.15               | (12.48 - 16.01)                       | 38.00               | (35.30 - 40.79)                       | 13.41             | (12.07 - 14.87)                     | 16.94             | (15.69 - 18.27)                     |
| Minnesota            | 13.71             | (12.11 - 15.47)                     | 12.95               | (10.85 - 15.38)                       | 32.75               | (29.01 - 36.72)                       | 10.78             | (9.05 - 12.79)                      | 13.78             | (12.09 - 15.67)                     |
| Mississippi          | 11.40             | (9.93 - 13.05)                      | 10.69               | (8.77 - 12.98)                        | 26.78               | (23.26 - 30.63)                       | 8.82              | (7.25 - 10.68)                      | 11.48             | (9.91 - 13.25)                      |
| Missouri             | 13.75             | (12.16 - 15.51)                     | 11.81               | (9.74 - 14.24)                        | 31.87               | (28.09 - 35.92)                       | 11.03             | (9.34 - 12.99)                      | 13.95             | (12.26 - 15.82)                     |
| Montana              | 19.53             | (17.53 - 21.69)                     | 15.91               | (13.43 - 18.76)                       | 40.51               | (36.64 - 44.50)                       | 16.57             | (14.34 - 19.07)                     | 19.86             | (17.74 - 22.17)                     |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 11.51             | (10.12 - 13.07)                     | 12.04               | (9.96 - 14.48)                        | 30.55               | (26.88 - 34.49)                       | 8.06              | (6.63 - 9.76)                       | 11.46             | (9.98 - 13.12)                      |
| Nevada         | 16.82             | (14.82 - 19.02)                     | 14.37               | (11.94 - 17.19)                       | 35.81               | (31.75 - 40.08)                       | 14.34             | (12.11 - 16.90)                     | 17.06             | (14.93 - 19.43)                     |
| New Hampshire  | 18.62             | (16.74 - 20.65)                     | 15.44               | (13.06 - 18.16)                       | 43.17               | (38.97 - 47.47)                       | 15.15             | (13.07 - 17.49)                     | 18.90             | (16.91 - 21.07)                     |
| New Jersey     | 12.04             | (10.77 - 13.43)                     | 10.28               | (8.49 - 12.39)                        | 35.36               | (31.71 - 39.19)                       | 8.77              | (7.45 - 10.31)                      | 12.21             | (10.87 - 13.70)                     |
| New Mexico     | 17.51             | (15.57 - 19.63)                     | 15.62               | (13.08 - 18.55)                       | 33.63               | (29.64 - 37.87)                       | 15.09             | (12.88 - 17.59)                     | 17.71             | (15.63 - 20.00)                     |
| New York       | 14.50             | (13.51 - 15.55)                     | 11.88               | (10.51 - 13.40)                       | 36.10               | (33.61 - 38.68)                       | 11.26             | (10.15 - 12.47)                     | 14.74             | (13.68 - 15.86)                     |
| North Carolina | 12.06             | (10.84 - 13.40)                     | 10.48               | (8.86 - 12.35)                        | 29.70               | (26.72 - 32.88)                       | 9.47              | (8.12 - 11.01)                      | 12.23             | (10.91 - 13.67)                     |
| North Dakota   | 10.95             | (9.50 - 12.59)                      | 10.27               | (8.38 - 12.51)                        | 24.99               | (21.51 - 28.83)                       | 8.13              | (6.63 - 9.94)                       | 11.02             | (9.49 - 12.76)                      |
| Ohio           | 13.76             | (12.65 - 14.95)                     | 12.17               | (10.68 - 13.82)                       | 34.53               | (31.97 - 37.17)                       | 10.65             | (9.42 - 12.02)                      | 13.92             | (12.74 - 15.20)                     |
| Oklahoma       | 12.09             | (10.55 - 13.83)                     | 11.31               | (9.26 - 13.75)                        | 29.15               | (25.50 - 33.10)                       | 9.26              | (7.64 - 11.19)                      | 12.18             | (10.54 - 14.04)                     |
| Oregon         | 26.51             | (24.19 - 28.97)                     | 17.01               | (14.37 - 20.01)                       | 47.57               | (43.39 - 51.78)                       | 24.36             | (21.70 - 27.22)                     | 27.38             | (24.89 - 30.02)                     |
| Pennsylvania   | 13.21             | (12.14 - 14.35)                     | 10.36               | (8.92 - 12.00)                        | 33.74               | (31.12 - 36.45)                       | 10.34             | (9.13 - 11.69)                      | 13.47             | (12.33 - 14.70)                     |
| Rhode Island   | 20.76             | (18.70 - 22.98)                     | 15.27               | (12.76 - 18.18)                       | 43.67               | (39.40 - 48.03)                       | 17.21             | (14.94 - 19.74)                     | 21.24             | (19.05 - 23.60)                     |
| South Carolina | 11.09             | (9.69 - 12.67)                      | 10.57               | (8.70 - 12.78)                        | 28.27               | (24.88 - 31.91)                       | 8.48              | (6.99 - 10.26)                      | 11.14             | (9.66 - 12.83)                      |
| South Dakota   | 12.35             | (10.85 - 14.01)                     | 12.51               | (10.39 - 14.99)                       | 29.11               | (25.56 - 32.93)                       | 9.48              | (7.89 - 11.36)                      | 12.33             | (10.75 - 14.11)                     |
| Tennessee      | 13.38             | (11.74 - 15.21)                     | 11.68               | (9.71 - 13.98)                        | 32.11               | (28.38 - 36.07)                       | 10.61             | (8.86 - 12.66)                      | 13.55             | (11.81 - 15.51)                     |
| Texas          | 10.55             | (9.73 - 11.43)                      | 9.61                | (8.36 - 11.03)                        | 26.19               | (24.12 - 28.36)                       | 7.88              | (6.96 - 8.91)                       | 10.67             | (9.79 - 11.62)                      |
| Utah           | 10.40             | (9.02 - 11.97)                      | 9.20                | (7.36 - 11.44)                        | 23.74               | (20.30 - 27.56)                       | 7.64              | (6.22 - 9.35)                       | 10.58             | (9.10 - 12.27)                      |
| Vermont        | 23.84             | (21.53 - 26.31)                     | 17.88               | (15.00 - 21.18)                       | 50.08               | (45.49 - 54.67)                       | 19.86             | (17.23 - 22.77)                     | 24.34             | (21.89 - 26.97)                     |
| Virginia       | 11.78             | (10.59 - 13.08)                     | 10.35               | (8.70 - 12.28)                        | 30.99               | (28.12 - 34.02)                       | 8.87              | (7.57 - 10.36)                      | 11.92             | (10.64 - 13.32)                     |
| Washington     | 22.49             | (20.26 - 24.89)                     | 14.97               | (12.51 - 17.81)                       | 42.12               | (37.97 - 46.39)                       | 20.30             | (17.78 - 23.07)                     | 23.21             | (20.81 - 25.78)                     |
| West Virginia  | 12.91             | (11.28 - 14.73)                     | 10.70               | (8.79 - 12.95)                        | 28.80               | (25.16 - 32.74)                       | 10.81             | (9.03 - 12.90)                      | 13.10             | (11.37 - 15.05)                     |
| Wisconsin      | 12.70             | (11.16 - 14.41)                     | 12.61               | (10.55 - 15.02)                       | 30.13               | (26.46 - 34.07)                       | 9.84              | (8.22 - 11.75)                      | 12.71             | (11.08 - 14.53)                     |
| Wyoming        | 12.15             | (10.59 - 13.89)                     | 11.75               | (9.56 - 14.36)                        | 29.33               | (25.65 - 33.30)                       | 9.46              | (7.79 - 11.44)                      | 12.19             | (10.54 - 14.05)                     |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 3 Marijuana Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Total U.S.           | 9.23              | (9.00 - 9.47)                    | 6.46                | (6.12 - 6.82)                      | 21.45               | (20.84 - 22.08)                    | 7.56              | (7.30 - 7.83)                    | 9.51              | (9.26 - 9.77)                    |
| Northeast            | 9.83              | (9.35 - 10.34)                   | 6.76                | (6.19 - 7.37)                      | 24.86               | (23.58 - 26.18)                    | 7.77              | (7.21 - 8.37)                    | 10.12             | (9.60 - 10.66)                   |
| Midwest              | 8.76              | (8.35 - 9.19)                    | 6.40                | (5.91 - 6.92)                      | 20.83               | (19.84 - 21.85)                    | 7.04              | (6.57 - 7.54)                    | 9.00              | (8.57 - 9.46)                    |
| South                | 7.47              | (7.15 - 7.82)                    | 5.78                | (5.37 - 6.22)                      | 18.44               | (17.63 - 19.29)                    | 5.91              | (5.53 - 6.32)                    | 7.65              | (7.30 - 8.02)                    |
| West                 | 11.98             | (11.45 - 12.54)                  | 7.42                | (6.80 - 8.10)                      | 24.18               | (22.91 - 25.49)                    | 10.51             | (9.86 - 11.19)                   | 12.45             | (11.87 - 13.06)                  |
| Alabama              | 6.37              | (5.29 - 7.66)                    | 5.26                | (4.14 - 6.65)                      | 16.48               | (13.65 - 19.75)                    | 4.86              | (3.74 - 6.30)                    | 6.48              | (5.34 - 7.85)                    |
| Alaska               | 15.81             | (13.87 - 17.98)                  | 8.84                | (7.15 - 10.88)                     | 26.27               | (22.67 - 30.22)                    | 14.97             | (12.66 - 17.61)                  | 16.59             | (14.49 - 18.94)                  |
| Arizona              | 8.38              | (7.00 - 10.00)                   | 6.31                | (4.99 - 7.96)                      | 19.09               | (16.01 - 22.60)                    | 6.85              | (5.39 - 8.67)                    | 8.59              | (7.13 - 10.32)                   |
| Arkansas             | 8.19              | (6.90 - 9.71)                    | 5.81                | (4.60 - 7.32)                      | 15.96               | (13.22 - 19.13)                    | 7.21              | (5.78 - 8.96)                    | 8.44              | (7.06 - 10.07)                   |
| California           | 11.33             | (10.57 - 12.14)                  | 6.93                | (6.03 - 7.96)                      | 24.07               | (22.13 - 26.12)                    | 9.70              | (8.81 - 10.66)                   | 11.78             | (10.96 - 12.65)                  |
| Colorado             | 16.43             | (14.50 - 18.56)                  | 9.02                | (7.29 - 11.11)                     | 31.74               | (27.67 - 36.10)                    | 14.81             | (12.61 - 17.31)                  | 17.18             | (15.11 - 19.47)                  |
| Connecticut          | 10.59             | (9.05 - 12.36)                   | 7.91                | (6.28 - 9.92)                      | 30.35               | (26.29 - 34.75)                    | 7.69              | (6.06 - 9.71)                    | 10.86             | (9.22 - 12.74)                   |
| Delaware             | 9.95              | (8.50 - 11.61)                   | 7.45                | (5.94 - 9.31)                      | 23.73               | (20.26 - 27.58)                    | 8.17              | (6.62 - 10.04)                   | 10.18             | (8.66 - 11.94)                   |
| District of Columbia | 17.17             | (15.14 - 19.41)                  | 8.26                | (6.59 - 10.32)                     | 34.85               | (30.61 - 39.35)                    | 14.32             | (12.06 - 16.92)                  | 17.67             | (15.55 - 20.00)                  |
| Florida              | 8.65              | (7.86 - 9.51)                    | 7.48                | (6.48 - 8.62)                      | 22.39               | (20.27 - 24.66)                    | 6.88              | (6.00 - 7.89)                    | 8.75              | (7.91 - 9.67)                    |
| Georgia              | 6.74              | (5.82 - 7.79)                    | 5.39                | (4.34 - 6.66)                      | 18.38               | (15.97 - 21.05)                    | 4.95              | (3.98 - 6.15)                    | 6.89              | (5.91 - 8.01)                    |
| Hawaii               | 8.17              | (6.78 - 9.80)                    | 6.54                | (5.09 - 8.38)                      | 17.45               | (14.47 - 20.89)                    | 7.06              | (5.55 - 8.94)                    | 8.31              | (6.85 - 10.05)                   |
| Idaho                | 7.62              | (6.41 - 9.04)                    | 6.34                | (5.00 - 8.02)                      | 16.07               | (13.33 - 19.25)                    | 6.40              | (5.08 - 8.02)                    | 7.78              | (6.49 - 9.29)                    |
| Illinois             | 8.81              | (7.90 - 9.82)                    | 6.89                | (5.78 - 8.18)                      | 23.51               | (21.12 - 26.07)                    | 6.66              | (5.65 - 7.84)                    | 9.01              | (8.04 - 10.09)                   |
| Indiana              | 9.29              | (7.96 - 10.81)                   | 6.51                | (5.18 - 8.14)                      | 20.70               | (17.56 - 24.23)                    | 7.65              | (6.20 - 9.40)                    | 9.59              | (8.18 - 11.21)                   |
| Iowa                 | 6.65              | (5.58 - 7.89)                    | 5.11                | (4.00 - 6.51)                      | 17.29               | (14.54 - 20.44)                    | 4.93              | (3.83 - 6.32)                    | 6.80              | (5.68 - 8.13)                    |
| Kansas               | 6.62              | (5.42 - 8.05)                    | 5.16                | (3.99 - 6.64)                      | 16.04               | (13.27 - 19.27)                    | 5.12              | (3.88 - 6.73)                    | 6.78              | (5.51 - 8.31)                    |
| Kentucky             | 7.77              | (6.53 - 9.22)                    | 6.01                | (4.74 - 7.58)                      | 17.38               | (14.55 - 20.64)                    | 6.41              | (5.08 - 8.06)                    | 7.95              | (6.64 - 9.48)                    |
| Louisiana            | 7.60              | (6.40 - 9.00)                    | 5.67                | (4.48 - 7.15)                      | 18.80               | (15.89 - 22.11)                    | 5.99              | (4.70 - 7.61)                    | 7.80              | (6.53 - 9.30)                    |
| Maine                | 15.81             | (13.90 - 17.92)                  | 9.89                | (8.01 - 12.16)                     | 34.38               | (30.15 - 38.87)                    | 13.89             | (11.73 - 16.38)                  | 16.31             | (14.28 - 18.56)                  |
| Maryland             | 10.68             | (9.27 - 12.28)                   | 7.13                | (5.75 - 8.80)                      | 26.24               | (22.75 - 30.06)                    | 8.71              | (7.17 - 10.54)                   | 11.04             | (9.53 - 12.74)                   |
| Massachusetts        | 13.38             | (11.71 - 15.24)                  | 8.91                | (7.23 - 10.93)                     | 30.27               | (26.46 - 34.38)                    | 10.94             | (9.10 - 13.10)                   | 13.78             | (12.01 - 15.77)                  |
| Michigan             | 11.61             | (10.55 - 12.77)                  | 7.73                | (6.56 - 9.08)                      | 24.24               | (21.92 - 26.72)                    | 9.95              | (8.73 - 11.32)                   | 12.00             | (10.86 - 13.25)                  |
| Minnesota            | 7.71              | (6.52 - 9.10)                    | 5.81                | (4.62 - 7.29)                      | 19.12               | (16.08 - 22.57)                    | 6.13              | (4.85 - 7.72)                    | 7.91              | (6.64 - 9.40)                    |
| Mississippi          | 6.96              | (5.80 - 8.32)                    | 5.05                | (3.92 - 6.48)                      | 15.79               | (13.01 - 19.04)                    | 5.67              | (4.43 - 7.23)                    | 7.17              | (5.94 - 8.63)                    |
| Missouri             | 8.42              | (7.13 - 9.92)                    | 5.80                | (4.55 - 7.37)                      | 18.57               | (15.50 - 22.08)                    | 7.08              | (5.69 - 8.78)                    | 8.68              | (7.32 - 10.28)                   |
| Montana              | 13.01             | (11.32 - 14.90)                  | 8.80                | (7.18 - 10.75)                     | 25.13               | (21.71 - 28.89)                    | 11.52             | (9.62 - 13.75)                   | 13.40             | (11.60 - 15.43)                  |

See notes at end of table.

(continued)



**Table 3 Marijuana Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 7.70              | (6.50 - 9.12)                       | 6.00                | (4.70 - 7.62)                         | 18.76               | (15.65 - 22.32)                       | 5.96              | (4.69 - 7.53)                       | 7.89              | (6.61 - 9.40)                       |
| Nevada         | 11.81             | (10.15 - 13.69)                     | 8.82                | (7.11 - 10.89)                        | 25.86               | (22.30 - 29.79)                       | 10.11             | (8.29 - 12.27)                      | 12.11             | (10.36 - 14.11)                     |
| New Hampshire  | 12.90             | (11.24 - 14.76)                     | 8.64                | (7.00 - 10.61)                        | 28.93               | (25.32 - 32.82)                       | 10.86             | (9.04 - 13.00)                      | 13.28             | (11.52 - 15.26)                     |
| New Jersey     | 7.15              | (6.15 - 8.29)                       | 5.16                | (4.06 - 6.52)                         | 22.34               | (19.24 - 25.78)                       | 5.12              | (4.07 - 6.42)                       | 7.35              | (6.29 - 8.56)                       |
| New Mexico     | 11.96             | (10.33 - 13.81)                     | 9.74                | (7.88 - 11.99)                        | 24.39               | (20.84 - 28.32)                       | 10.19             | (8.38 - 12.33)                      | 12.20             | (10.46 - 14.17)                     |
| New York       | 9.47              | (8.66 - 10.35)                      | 6.75                | (5.80 - 7.85)                         | 23.35               | (21.26 - 25.57)                       | 7.50              | (6.59 - 8.52)                       | 9.72              | (8.86 - 10.66)                      |
| North Carolina | 7.92              | (6.92 - 9.06)                       | 6.04                | (4.93 - 7.38)                         | 19.04               | (16.45 - 21.94)                       | 6.40              | (5.30 - 7.70)                       | 8.12              | (7.05 - 9.33)                       |
| North Dakota   | 6.44              | (5.31 - 7.78)                       | 4.99                | (3.85 - 6.43)                         | 14.50               | (11.75 - 17.75)                       | 4.93              | (3.76 - 6.45)                       | 6.57              | (5.38 - 8.00)                       |
| Ohio           | 8.58              | (7.71 - 9.54)                       | 6.33                | (5.35 - 7.47)                         | 21.27               | (19.00 - 23.73)                       | 6.83              | (5.86 - 7.94)                       | 8.81              | (7.88 - 9.83)                       |
| Oklahoma       | 6.90              | (5.72 - 8.30)                       | 5.38                | (4.14 - 6.95)                         | 16.80               | (13.91 - 20.16)                       | 5.39              | (4.15 - 6.97)                       | 7.06              | (5.82 - 8.55)                       |
| Oregon         | 19.23             | (17.22 - 21.41)                     | 10.35               | (8.43 - 12.64)                        | 33.15               | (29.33 - 37.21)                       | 18.07             | (15.76 - 20.64)                     | 20.04             | (17.89 - 22.38)                     |
| Pennsylvania   | 8.23              | (7.36 - 9.19)                       | 5.59                | (4.69 - 6.66)                         | 21.38               | (19.17 - 23.76)                       | 6.48              | (5.51 - 7.60)                       | 8.47              | (7.54 - 9.50)                       |
| Rhode Island   | 15.75             | (13.83 - 17.87)                     | 9.49                | (7.71 - 11.61)                        | 31.86               | (28.00 - 35.99)                       | 13.51             | (11.34 - 16.01)                     | 16.30             | (14.27 - 18.56)                     |
| South Carolina | 6.66              | (5.53 - 8.00)                       | 5.47                | (4.26 - 7.00)                         | 18.38               | (15.47 - 21.70)                       | 4.97              | (3.79 - 6.49)                       | 6.77              | (5.58 - 8.20)                       |
| South Dakota   | 7.13              | (5.97 - 8.51)                       | 5.94                | (4.70 - 7.49)                         | 18.25               | (15.26 - 21.68)                       | 5.40              | (4.16 - 6.96)                       | 7.26              | (6.03 - 8.72)                       |
| Tennessee      | 8.00              | (6.73 - 9.48)                       | 5.75                | (4.56 - 7.22)                         | 19.49               | (16.26 - 23.19)                       | 6.44              | (5.10 - 8.10)                       | 8.23              | (6.88 - 9.81)                       |
| Texas          | 5.98              | (5.36 - 6.66)                       | 4.86                | (4.08 - 5.76)                         | 14.63               | (12.93 - 16.51)                       | 4.59              | (3.90 - 5.39)                       | 6.11              | (5.45 - 6.85)                       |
| Utah           | 6.25              | (5.17 - 7.55)                       | 4.71                | (3.62 - 6.10)                         | 14.71               | (11.99 - 17.93)                       | 4.63              | (3.50 - 6.11)                       | 6.47              | (5.31 - 7.87)                       |
| Vermont        | 18.64             | (16.59 - 20.88)                     | 10.75               | (8.72 - 13.18)                        | 38.80               | (34.16 - 43.66)                       | 15.91             | (13.55 - 18.59)                     | 19.30             | (17.12 - 21.69)                     |
| Virginia       | 6.96              | (6.02 - 8.03)                       | 5.48                | (4.41 - 6.80)                         | 18.47               | (16.03 - 21.18)                       | 5.28              | (4.28 - 6.50)                       | 7.10              | (6.11 - 8.24)                       |
| Washington     | 15.30             | (13.41 - 17.39)                     | 8.96                | (7.25 - 11.02)                        | 26.48               | (22.87 - 30.45)                       | 14.28             | (12.12 - 16.75)                     | 15.90             | (13.89 - 18.15)                     |
| West Virginia  | 7.59              | (6.35 - 9.04)                       | 5.45                | (4.25 - 6.97)                         | 16.94               | (14.10 - 20.22)                       | 6.44              | (5.12 - 8.08)                       | 7.78              | (6.48 - 9.32)                       |
| Wisconsin      | 7.89              | (6.58 - 9.44)                       | 5.91                | (4.65 - 7.47)                         | 18.82               | (15.81 - 22.25)                       | 6.33              | (4.94 - 8.08)                       | 8.09              | (6.70 - 9.74)                       |
| Wyoming        | 7.10              | (5.89 - 8.54)                       | 5.76                | (4.50 - 7.35)                         | 16.50               | (13.69 - 19.75)                       | 5.77              | (4.47 - 7.42)                       | 7.24              | (5.96 - 8.76)                       |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 4 Perceptions of Great Risk from Smoking Marijuana Once a Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Total U.S.           | 26.91             | (26.49 - 27.34)                  | 25.75               | (25.13 - 26.39)                    | 12.89               | (12.41 - 13.40)                    | 29.35             | (28.84 - 29.87)                  | 27.03             | (26.57 - 27.49)                  |
| Northeast            | 25.33             | (24.45 - 26.24)                  | 25.34               | (24.18 - 26.54)                    | 11.80               | (10.93 - 12.72)                    | 27.51             | (26.45 - 28.59)                  | 25.33             | (24.39 - 26.30)                  |
| Midwest              | 23.80             | (23.05 - 24.56)                  | 24.74               | (23.77 - 25.74)                    | 11.04               | (10.30 - 11.84)                    | 25.82             | (24.93 - 26.73)                  | 23.70             | (22.90 - 24.51)                  |
| South                | 30.51             | (29.85 - 31.17)                  | 28.31               | (27.36 - 29.28)                    | 15.12               | (14.35 - 15.91)                    | 33.27             | (32.50 - 34.05)                  | 30.74             | (30.03 - 31.45)                  |
| West                 | 25.14             | (24.34 - 25.96)                  | 22.83               | (21.72 - 23.98)                    | 11.89               | (11.00 - 12.84)                    | 27.64             | (26.67 - 28.63)                  | 25.38             | (24.51 - 26.26)                  |
| Alabama              | 30.57             | (28.01 - 33.27)                  | 31.66               | (27.88 - 35.69)                    | 15.68               | (13.08 - 18.68)                    | 32.88             | (29.84 - 36.07)                  | 30.46             | (27.76 - 33.31)                  |
| Alaska               | 17.51             | (15.50 - 19.72)                  | 18.75               | (15.97 - 21.88)                    | 11.67               | (9.54 - 14.21)                     | 18.36             | (16.00 - 20.97)                  | 17.38             | (15.26 - 19.72)                  |
| Arizona              | 27.91             | (25.34 - 30.63)                  | 26.53               | (23.15 - 30.22)                    | 14.26               | (11.76 - 17.18)                    | 30.37             | (27.31 - 33.62)                  | 28.05             | (25.34 - 30.94)                  |
| Arkansas             | 29.61             | (27.18 - 32.15)                  | 28.14               | (24.78 - 31.75)                    | 14.32               | (11.91 - 17.12)                    | 32.32             | (29.42 - 35.37)                  | 29.76             | (27.19 - 32.47)                  |
| California           | 27.84             | (26.63 - 29.08)                  | 23.15               | (21.40 - 25.00)                    | 12.36               | (11.04 - 13.81)                    | 31.04             | (29.56 - 32.57)                  | 28.32             | (27.01 - 29.66)                  |
| Colorado             | 16.53             | (14.52 - 18.75)                  | 16.21               | (13.42 - 19.44)                    | 7.34                | (5.68 - 9.45)                      | 18.08             | (15.72 - 20.71)                  | 16.56             | (14.47 - 18.89)                  |
| Connecticut          | 22.00             | (19.58 - 24.63)                  | 22.39               | (19.09 - 26.08)                    | 10.42               | (8.39 - 12.87)                     | 23.86             | (21.02 - 26.95)                  | 21.96             | (19.43 - 24.72)                  |
| Delaware             | 24.32             | (21.86 - 26.96)                  | 23.69               | (20.52 - 27.18)                    | 12.21               | (9.97 - 14.86)                     | 26.21             | (23.31 - 29.32)                  | 24.38             | (21.78 - 27.17)                  |
| District of Columbia | 16.85             | (14.81 - 19.12)                  | 20.18               | (17.05 - 23.72)                    | 7.99                | (6.10 - 10.39)                     | 18.38             | (15.98 - 21.05)                  | 16.66             | (14.56 - 18.99)                  |
| Florida              | 30.74             | (29.21 - 32.32)                  | 25.43               | (23.54 - 27.43)                    | 14.31               | (12.78 - 16.00)                    | 33.53             | (31.73 - 35.38)                  | 31.20             | (29.58 - 32.87)                  |
| Georgia              | 32.22             | (30.16 - 34.35)                  | 32.81               | (29.64 - 36.13)                    | 15.05               | (12.91 - 17.48)                    | 35.06             | (32.54 - 37.66)                  | 32.15             | (29.95 - 34.45)                  |
| Hawaii               | 29.53             | (26.83 - 32.38)                  | 23.81               | (20.59 - 27.36)                    | 13.68               | (11.14 - 16.69)                    | 32.30             | (29.15 - 35.62)                  | 30.04             | (27.19 - 33.05)                  |
| Idaho                | 26.60             | (24.31 - 29.02)                  | 29.05               | (25.62 - 32.75)                    | 13.29               | (10.99 - 15.97)                    | 28.49             | (25.76 - 31.39)                  | 26.30             | (23.88 - 28.88)                  |
| Illinois             | 25.11             | (23.49 - 26.80)                  | 23.37               | (21.21 - 25.68)                    | 12.25               | (10.53 - 14.20)                    | 27.43             | (25.45 - 29.50)                  | 25.29             | (23.55 - 27.12)                  |
| Indiana              | 25.57             | (23.16 - 28.14)                  | 27.07               | (23.64 - 30.78)                    | 11.82               | (9.56 - 14.53)                     | 27.81             | (24.94 - 30.87)                  | 25.41             | (22.88 - 28.12)                  |
| Iowa                 | 23.42             | (21.14 - 25.87)                  | 25.38               | (22.15 - 28.90)                    | 11.75               | (9.59 - 14.33)                     | 25.29             | (22.56 - 28.23)                  | 23.22             | (20.82 - 25.81)                  |
| Kansas               | 24.51             | (22.18 - 27.00)                  | 26.59               | (23.27 - 30.21)                    | 12.28               | (10.06 - 14.90)                    | 26.45             | (23.66 - 29.44)                  | 24.28             | (21.82 - 26.92)                  |
| Kentucky             | 27.84             | (25.41 - 30.42)                  | 28.52               | (25.14 - 32.17)                    | 12.62               | (10.37 - 15.27)                    | 30.26             | (27.36 - 33.33)                  | 27.77             | (25.19 - 30.51)                  |
| Louisiana            | 29.08             | (26.73 - 31.55)                  | 27.75               | (24.39 - 31.38)                    | 14.73               | (12.23 - 17.63)                    | 31.63             | (28.82 - 34.58)                  | 29.22             | (26.73 - 31.84)                  |
| Maine                | 18.07             | (15.87 - 20.51)                  | 19.33               | (16.42 - 22.62)                    | 7.90                | (6.23 - 9.96)                      | 19.33             | (16.76 - 22.18)                  | 17.96             | (15.66 - 20.53)                  |
| Maryland             | 25.11             | (22.73 - 27.64)                  | 26.24               | (22.77 - 30.04)                    | 12.66               | (10.44 - 15.27)                    | 26.90             | (24.13 - 29.87)                  | 24.99             | (22.52 - 27.65)                  |
| Massachusetts        | 19.61             | (17.36 - 22.06)                  | 20.33               | (17.28 - 23.77)                    | 9.02                | (7.21 - 11.23)                     | 21.37             | (18.73 - 24.27)                  | 19.54             | (17.21 - 22.10)                  |
| Michigan             | 21.88             | (20.32 - 23.53)                  | 23.50               | (21.32 - 25.83)                    | 9.81                | (8.39 - 11.44)                     | 23.74             | (21.83 - 25.76)                  | 21.72             | (20.05 - 23.49)                  |
| Minnesota            | 19.25             | (17.21 - 21.46)                  | 21.73               | (18.73 - 25.06)                    | 8.70                | (6.94 - 10.85)                     | 20.64             | (18.26 - 23.25)                  | 18.99             | (16.86 - 21.32)                  |
| Mississippi          | 35.07             | (32.35 - 37.90)                  | 32.44               | (28.89 - 36.21)                    | 21.42               | (18.07 - 25.19)                    | 37.81             | (34.51 - 41.23)                  | 35.36             | (32.44 - 38.40)                  |
| Missouri             | 24.67             | (22.42 - 27.06)                  | 26.41               | (23.06 - 30.06)                    | 11.87               | (9.58 - 14.61)                     | 26.56             | (23.93 - 29.37)                  | 24.49             | (22.13 - 27.01)                  |
| Montana              | 20.30             | (18.20 - 22.58)                  | 20.91               | (17.85 - 24.33)                    | 9.22                | (7.46 - 11.35)                     | 22.02             | (19.54 - 24.73)                  | 20.24             | (18.04 - 22.64)                  |

See notes at end of table.

(continued)

**Table 4 Perceptions of Great Risk from Smoking Marijuana Once a Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 24.15             | (21.79 - 26.67)                     | 25.60               | (22.41 - 29.07)                       | 11.93               | (9.78 - 14.49)                        | 26.16             | (23.33 - 29.20)                     | 23.99             | (21.49 - 26.67)                     |
| Nevada         | 23.32             | (20.91 - 25.91)                     | 18.55               | (15.65 - 21.84)                       | 10.63               | (8.43 - 13.31)                        | 25.73             | (22.91 - 28.77)                     | 23.80             | (21.26 - 26.54)                     |
| New Hampshire  | 18.97             | (16.80 - 21.36)                     | 22.78               | (19.70 - 26.19)                       | 7.55                | (6.00 - 9.48)                         | 20.36             | (17.80 - 23.18)                     | 18.63             | (16.36 - 21.13)                     |
| New Jersey     | 32.09             | (29.71 - 34.56)                     | 29.71               | (26.47 - 33.17)                       | 13.18               | (11.08 - 15.62)                       | 35.18             | (32.33 - 38.15)                     | 32.32             | (29.80 - 34.96)                     |
| New Mexico     | 25.75             | (23.30 - 28.36)                     | 20.76               | (17.84 - 24.03)                       | 13.00               | (10.63 - 15.81)                       | 28.49             | (25.54 - 31.63)                     | 26.28             | (23.67 - 29.06)                     |
| New York       | 27.18             | (25.69 - 28.73)                     | 26.53               | (24.56 - 28.61)                       | 13.35               | (11.83 - 15.03)                       | 29.52             | (27.72 - 31.39)                     | 27.24             | (25.65 - 28.88)                     |
| North Carolina | 29.98             | (27.91 - 32.12)                     | 27.42               | (24.46 - 30.58)                       | 16.47               | (14.08 - 19.18)                       | 32.43             | (29.95 - 35.01)                     | 30.24             | (28.03 - 32.54)                     |
| North Dakota   | 23.18             | (21.01 - 25.50)                     | 27.78               | (24.62 - 31.17)                       | 11.06               | (8.89 - 13.69)                        | 25.20             | (22.53 - 28.07)                     | 22.75             | (20.47 - 25.21)                     |
| Ohio           | 24.68             | (23.09 - 26.35)                     | 25.70               | (23.48 - 28.06)                       | 10.53               | (9.02 - 12.26)                        | 26.83             | (24.91 - 28.85)                     | 24.58             | (22.88 - 26.36)                     |
| Oklahoma       | 28.11             | (25.65 - 30.71)                     | 25.44               | (22.01 - 29.21)                       | 14.47               | (11.98 - 17.38)                       | 30.82             | (27.88 - 33.92)                     | 28.40             | (25.81 - 31.15)                     |
| Oregon         | 17.00             | (14.99 - 19.23)                     | 16.94               | (14.29 - 19.96)                       | 7.96                | (6.34 - 9.96)                         | 18.38             | (16.03 - 20.99)                     | 17.01             | (14.91 - 19.34)                     |
| Pennsylvania   | 24.10             | (22.56 - 25.71)                     | 25.24               | (22.95 - 27.69)                       | 11.67               | (10.05 - 13.52)                       | 25.92             | (24.08 - 27.84)                     | 23.99             | (22.36 - 25.71)                     |
| Rhode Island   | 21.01             | (18.75 - 23.46)                     | 22.26               | (19.02 - 25.88)                       | 10.00               | (7.98 - 12.46)                        | 22.88             | (20.22 - 25.77)                     | 20.90             | (18.55 - 23.46)                     |
| South Carolina | 29.68             | (27.19 - 32.31)                     | 27.59               | (24.23 - 31.21)                       | 14.69               | (12.25 - 17.52)                       | 32.27             | (29.32 - 35.37)                     | 29.89             | (27.26 - 32.66)                     |
| South Dakota   | 26.48             | (24.09 - 29.02)                     | 27.66               | (24.24 - 31.35)                       | 12.79               | (10.58 - 15.38)                       | 28.68             | (25.80 - 31.74)                     | 26.35             | (23.82 - 29.05)                     |
| Tennessee      | 28.40             | (26.05 - 30.87)                     | 27.15               | (23.82 - 30.76)                       | 13.80               | (11.31 - 16.73)                       | 30.88             | (28.10 - 33.80)                     | 28.52             | (26.05 - 31.13)                     |
| Texas          | 34.66             | (33.27 - 36.07)                     | 30.06               | (27.92 - 32.30)                       | 17.37               | (15.68 - 19.19)                       | 38.44             | (36.73 - 40.18)                     | 35.21             | (33.72 - 36.74)                     |
| Utah           | 28.41             | (26.19 - 30.74)                     | 36.57               | (32.51 - 40.83)                       | 16.27               | (13.32 - 19.72)                       | 29.76             | (27.06 - 32.60)                     | 27.27             | (24.93 - 29.74)                     |
| Vermont        | 15.46             | (13.45 - 17.71)                     | 17.10               | (14.32 - 20.30)                       | 6.83                | (5.21 - 8.92)                         | 16.82             | (14.45 - 19.49)                     | 15.32             | (13.23 - 17.67)                     |
| Virginia       | 25.97             | (24.02 - 28.02)                     | 25.60               | (22.85 - 28.56)                       | 11.73               | (9.80 - 13.98)                        | 28.31             | (25.97 - 30.77)                     | 26.01             | (23.94 - 28.18)                     |
| Washington     | 18.79             | (16.55 - 21.26)                     | 18.89               | (16.11 - 22.02)                       | 9.94                | (7.95 - 12.37)                        | 20.16             | (17.54 - 23.06)                     | 18.78             | (16.43 - 21.38)                     |
| West Virginia  | 25.70             | (23.27 - 28.30)                     | 24.82               | (21.57 - 28.40)                       | 11.51               | (9.39 - 14.04)                        | 27.88             | (25.02 - 30.92)                     | 25.78             | (23.22 - 28.51)                     |
| Wisconsin      | 23.26             | (20.92 - 25.78)                     | 23.98               | (21.03 - 27.21)                       | 10.38               | (8.38 - 12.80)                        | 25.31             | (22.52 - 28.32)                     | 23.19             | (20.72 - 25.86)                     |
| Wyoming        | 25.14             | (22.71 - 27.74)                     | 26.54               | (22.94 - 30.48)                       | 15.53               | (12.79 - 18.73)                       | 26.52             | (23.65 - 29.60)                     | 24.99             | (22.44 - 27.74)                     |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 5 *First Use of Marijuana*, by Age Group and State: Average Annual Initiation Estimates (Expressed as Percentages of the At-Risk Population) Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Total U.S.           | 2.03              | (1.95 - 2.11)                    | 5.22                | (5.01 - 5.45)                      | 7.98                | (7.56 - 8.42)                      | 0.45              | (0.40 - 0.52)                    | 1.48              | (1.40 - 1.57)                    |
| Northeast            | 2.17              | (2.04 - 2.31)                    | 5.34                | (4.98 - 5.73)                      | 9.06                | (8.34 - 9.83)                      | 0.53              | (0.44 - 0.63)                    | 1.65              | (1.52 - 1.79)                    |
| Midwest              | 2.21              | (2.10 - 2.33)                    | 5.51                | (5.17 - 5.87)                      | 8.74                | (8.16 - 9.35)                      | 0.46              | (0.39 - 0.54)                    | 1.62              | (1.51 - 1.74)                    |
| South                | 1.70              | (1.61 - 1.79)                    | 4.75                | (4.48 - 5.03)                      | 6.59                | (6.16 - 7.05)                      | 0.35              | (0.30 - 0.42)                    | 1.20              | (1.11 - 1.29)                    |
| West                 | 2.33              | (2.19 - 2.48)                    | 5.66                | (5.27 - 6.08)                      | 8.89                | (8.18 - 9.66)                      | 0.57              | (0.48 - 0.68)                    | 1.73              | (1.59 - 1.89)                    |
| Alabama              | 1.55              | (1.33 - 1.81)                    | 3.91                | (3.15 - 4.84)                      | 6.30                | (5.01 - 7.88)                      | 0.35              | (0.25 - 0.48)                    | 1.18              | (0.97 - 1.44)                    |
| Alaska               | 3.22              | (2.75 - 3.77)                    | 7.09                | (5.93 - 8.44)                      | 8.96                | (7.02 - 11.37)                     | 1.05              | (0.73 - 1.52)                    | 2.31              | (1.86 - 2.87)                    |
| Arizona              | 1.87              | (1.59 - 2.19)                    | 4.32                | (3.50 - 5.33)                      | 6.83                | (5.39 - 8.61)                      | 0.53              | (0.38 - 0.72)                    | 1.43              | (1.17 - 1.75)                    |
| Arkansas             | 1.60              | (1.38 - 1.86)                    | 4.61                | (3.81 - 5.56)                      | 5.62                | (4.43 - 7.10)                      | 0.33              | (0.24 - 0.45)                    | 1.10              | (0.90 - 1.35)                    |
| California           | 2.12              | (1.94 - 2.33)                    | 5.60                | (5.03 - 6.24)                      | 8.43                | (7.40 - 9.59)                      | 0.45              | (0.34 - 0.59)                    | 1.54              | (1.36 - 1.75)                    |
| Colorado             | 3.99              | (3.41 - 4.67)                    | 7.89                | (6.58 - 9.44)                      | 15.56               | (12.37 - 19.39)                    | 1.09              | (0.76 - 1.57)                    | 3.14              | (2.55 - 3.86)                    |
| Connecticut          | 2.72              | (2.35 - 3.15)                    | 6.65                | (5.52 - 7.99)                      | 10.92               | (8.78 - 13.51)                     | 0.70              | (0.50 - 0.97)                    | 1.99              | (1.65 - 2.41)                    |
| Delaware             | 2.05              | (1.76 - 2.38)                    | 5.66                | (4.66 - 6.87)                      | 8.22                | (6.54 - 10.28)                     | 0.49              | (0.36 - 0.67)                    | 1.46              | (1.20 - 1.76)                    |
| District of Columbia | 3.99              | (3.36 - 4.72)                    | 7.35                | (6.14 - 8.77)                      | 14.57               | (11.69 - 18.02)                    | 1.36              | (0.93 - 2.01)                    | 3.54              | (2.89 - 4.33)                    |
| Florida              | 1.69              | (1.53 - 1.86)                    | 5.70                | (5.07 - 6.39)                      | 7.73                | (6.67 - 8.93)                      | 0.37              | (0.28 - 0.49)                    | 1.15              | (1.01 - 1.32)                    |
| Georgia              | 1.67              | (1.47 - 1.90)                    | 4.47                | (3.76 - 5.30)                      | 6.33                | (5.24 - 7.63)                      | 0.33              | (0.25 - 0.44)                    | 1.18              | (1.00 - 1.39)                    |
| Hawaii               | 1.93              | (1.65 - 2.25)                    | 5.87                | (4.81 - 7.15)                      | 8.87                | (7.07 - 11.07)                     | 0.44              | (0.29 - 0.66)                    | 1.36              | (1.11 - 1.67)                    |
| Idaho                | 2.01              | (1.73 - 2.33)                    | 4.68                | (3.83 - 5.71)                      | 7.18                | (5.77 - 8.90)                      | 0.42              | (0.31 - 0.58)                    | 1.46              | (1.21 - 1.75)                    |
| Illinois             | 2.10              | (1.89 - 2.33)                    | 5.84                | (5.10 - 6.69)                      | 8.45                | (7.23 - 9.85)                      | 0.41              | (0.32 - 0.54)                    | 1.47              | (1.27 - 1.69)                    |
| Indiana              | 2.43              | (2.09 - 2.82)                    | 6.03                | (5.00 - 7.26)                      | 8.83                | (7.06 - 11.00)                     | 0.48              | (0.36 - 0.65)                    | 1.73              | (1.43 - 2.10)                    |
| Iowa                 | 1.92              | (1.65 - 2.23)                    | 4.05                | (3.30 - 4.97)                      | 8.43                | (6.86 - 10.33)                     | 0.40              | (0.29 - 0.55)                    | 1.56              | (1.29 - 1.87)                    |
| Kansas               | 2.06              | (1.78 - 2.39)                    | 4.98                | (4.10 - 6.04)                      | 7.63                | (6.15 - 9.42)                      | 0.49              | (0.36 - 0.66)                    | 1.54              | (1.28 - 1.84)                    |
| Kentucky             | 1.85              | (1.58 - 2.16)                    | 5.16                | (4.26 - 6.24)                      | 6.74                | (5.41 - 8.37)                      | 0.38              | (0.27 - 0.54)                    | 1.29              | (1.06 - 1.57)                    |
| Louisiana            | 1.58              | (1.35 - 1.85)                    | 4.53                | (3.72 - 5.52)                      | 5.81                | (4.57 - 7.36)                      | 0.33              | (0.24 - 0.45)                    | 1.08              | (0.88 - 1.33)                    |
| Maine                | 2.53              | (2.17 - 2.94)                    | 6.24                | (5.21 - 7.45)                      | 10.62               | (8.48 - 13.22)                     | 0.70              | (0.48 - 1.02)                    | 1.87              | (1.53 - 2.28)                    |
| Maryland             | 2.15              | (1.85 - 2.49)                    | 5.88                | (4.86 - 7.10)                      | 8.99                | (7.16 - 11.24)                     | 0.51              | (0.37 - 0.69)                    | 1.52              | (1.25 - 1.84)                    |
| Massachusetts        | 3.42              | (2.94 - 3.98)                    | 7.88                | (6.60 - 9.39)                      | 13.10               | (10.43 - 16.34)                    | 0.87              | (0.62 - 1.21)                    | 2.60              | (2.13 - 3.16)                    |
| Michigan             | 2.46              | (2.21 - 2.74)                    | 6.02                | (5.28 - 6.86)                      | 8.91                | (7.63 - 10.37)                     | 0.58              | (0.45 - 0.76)                    | 1.80              | (1.56 - 2.08)                    |
| Minnesota            | 2.45              | (2.13 - 2.82)                    | 5.67                | (4.72 - 6.79)                      | 10.12               | (8.25 - 12.36)                     | 0.52              | (0.39 - 0.69)                    | 1.85              | (1.55 - 2.20)                    |
| Mississippi          | 1.76              | (1.51 - 2.06)                    | 4.84                | (3.98 - 5.87)                      | 6.83                | (5.43 - 8.54)                      | 0.27              | (0.19 - 0.38)                    | 1.24              | (1.01 - 1.51)                    |
| Missouri             | 2.21              | (1.89 - 2.58)                    | 4.93                | (4.06 - 5.97)                      | 8.95                | (7.19 - 11.09)                     | 0.47              | (0.34 - 0.64)                    | 1.72              | (1.41 - 2.10)                    |
| Montana              | 2.78              | (2.39 - 3.22)                    | 6.53                | (5.41 - 7.87)                      | 10.95               | (8.87 - 13.44)                     | 0.67              | (0.49 - 0.93)                    | 2.09              | (1.74 - 2.52)                    |

See notes at end of table.

(continued)

**Table 5 *First Use of Marijuana*, by Age Group and State: Average Annual Initiation Estimates (Expressed as Percentages of the At-Risk Population) Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Nebraska       | 2.27              | (1.96 - 2.63)                    | 5.20                | (4.29 - 6.28)                      | 9.72                | (7.83 - 12.00)                     | 0.39              | (0.28 - 0.54)                    | 1.73              | (1.43 - 2.10)                    |
| Nevada         | 2.21              | (1.90 - 2.57)                    | 6.31                | (5.25 - 7.55)                      | 8.52                | (6.71 - 10.77)                     | 0.55              | (0.40 - 0.75)                    | 1.50              | (1.22 - 1.83)                    |
| New Hampshire  | 2.83              | (2.42 - 3.29)                    | 6.37                | (5.35 - 7.58)                      | 11.37               | (9.14 - 14.05)                     | 0.57              | (0.40 - 0.80)                    | 2.13              | (1.75 - 2.59)                    |
| New Jersey     | 1.78              | (1.55 - 2.05)                    | 4.23                | (3.49 - 5.11)                      | 8.54                | (6.98 - 10.42)                     | 0.39              | (0.29 - 0.54)                    | 1.38              | (1.16 - 1.64)                    |
| New Mexico     | 2.80              | (2.39 - 3.27)                    | 7.54                | (6.26 - 9.07)                      | 9.54                | (7.56 - 11.98)                     | 0.72              | (0.49 - 1.04)                    | 1.90              | (1.54 - 2.34)                    |
| New York       | 2.02              | (1.83 - 2.24)                    | 5.21                | (4.61 - 5.89)                      | 8.16                | (7.07 - 9.40)                      | 0.51              | (0.40 - 0.65)                    | 1.53              | (1.34 - 1.75)                    |
| North Carolina | 1.81              | (1.60 - 2.06)                    | 4.93                | (4.18 - 5.81)                      | 6.90                | (5.66 - 8.39)                      | 0.41              | (0.31 - 0.54)                    | 1.30              | (1.09 - 1.54)                    |
| North Dakota   | 1.89              | (1.61 - 2.23)                    | 3.79                | (3.07 - 4.68)                      | 7.46                | (5.96 - 9.30)                      | 0.42              | (0.30 - 0.61)                    | 1.61              | (1.32 - 1.97)                    |
| Ohio           | 2.10              | (1.89 - 2.33)                    | 5.37                | (4.71 - 6.12)                      | 8.80                | (7.57 - 10.20)                     | 0.39              | (0.29 - 0.51)                    | 1.51              | (1.31 - 1.73)                    |
| Oklahoma       | 1.88              | (1.61 - 2.19)                    | 4.66                | (3.80 - 5.71)                      | 6.64                | (5.25 - 8.36)                      | 0.47              | (0.34 - 0.65)                    | 1.37              | (1.13 - 1.67)                    |
| Oregon         | 3.18              | (2.73 - 3.70)                    | 6.85                | (5.73 - 8.17)                      | 12.36               | (10.02 - 15.16)                    | 0.87              | (0.61 - 1.24)                    | 2.45              | (2.01 - 2.98)                    |
| Pennsylvania   | 1.83              | (1.63 - 2.05)                    | 4.39                | (3.79 - 5.09)                      | 7.99                | (6.82 - 9.34)                      | 0.41              | (0.31 - 0.54)                    | 1.40              | (1.21 - 1.62)                    |
| Rhode Island   | 2.79              | (2.40 - 3.25)                    | 6.51                | (5.43 - 7.79)                      | 10.10               | (8.09 - 12.56)                     | 0.81              | (0.58 - 1.14)                    | 2.17              | (1.78 - 2.63)                    |
| South Carolina | 1.64              | (1.41 - 1.90)                    | 4.55                | (3.74 - 5.54)                      | 6.85                | (5.49 - 8.53)                      | 0.35              | (0.26 - 0.48)                    | 1.18              | (0.98 - 1.43)                    |
| South Dakota   | 1.84              | (1.57 - 2.15)                    | 4.65                | (3.78 - 5.70)                      | 7.02                | (5.57 - 8.81)                      | 0.42              | (0.29 - 0.61)                    | 1.37              | (1.12 - 1.68)                    |
| Tennessee      | 1.68              | (1.44 - 1.96)                    | 4.77                | (3.95 - 5.75)                      | 6.37                | (5.00 - 8.09)                      | 0.31              | (0.23 - 0.43)                    | 1.16              | (0.94 - 1.42)                    |
| Texas          | 1.54              | (1.39 - 1.72)                    | 4.21                | (3.67 - 4.81)                      | 5.56                | (4.77 - 6.48)                      | 0.27              | (0.20 - 0.35)                    | 1.06              | (0.92 - 1.23)                    |
| Utah           | 1.70              | (1.43 - 2.02)                    | 3.19                | (2.51 - 4.06)                      | 6.10                | (4.76 - 7.78)                      | 0.36              | (0.24 - 0.55)                    | 1.40              | (1.12 - 1.74)                    |
| Vermont        | 3.35              | (2.84 - 3.95)                    | 7.25                | (6.06 - 8.65)                      | 12.14               | (9.53 - 15.35)                     | 0.88              | (0.61 - 1.28)                    | 2.60              | (2.09 - 3.21)                    |
| Virginia       | 1.82              | (1.59 - 2.07)                    | 4.52                | (3.79 - 5.37)                      | 7.06                | (5.86 - 8.49)                      | 0.41              | (0.31 - 0.54)                    | 1.35              | (1.15 - 1.59)                    |
| Washington     | 2.91              | (2.48 - 3.41)                    | 5.81                | (4.80 - 7.02)                      | 10.30               | (8.24 - 12.80)                     | 1.02              | (0.74 - 1.41)                    | 2.36              | (1.93 - 2.88)                    |
| West Virginia  | 1.52              | (1.29 - 1.79)                    | 4.61                | (3.76 - 5.64)                      | 5.95                | (4.66 - 7.57)                      | 0.33              | (0.23 - 0.48)                    | 1.05              | (0.84 - 1.30)                    |
| Wisconsin      | 2.16              | (1.86 - 2.51)                    | 5.56                | (4.61 - 6.69)                      | 8.34                | (6.65 - 10.41)                     | 0.50              | (0.36 - 0.70)                    | 1.57              | (1.29 - 1.90)                    |
| Wyoming        | 1.87              | (1.58 - 2.20)                    | 4.45                | (3.59 - 5.50)                      | 7.28                | (5.81 - 9.10)                      | 0.50              | (0.34 - 0.73)                    | 1.42              | (1.16 - 1.74)                    |

NOTE: Average annual initiation of marijuana (%) =  $100 * \{[X_1 \div (0.5 * X_1 + X_2)] \div 2\}$ , where  $X_1$  is the number of marijuana initiates in the past 24 months and  $X_2$  is the number of individuals who never used marijuana (with the at-risk population defined as  $0.5 * X_1 + X_2$ ). Both of the computation components,  $X_1$  and  $X_2$ , are based on a survey-weighted hierarchical Bayes estimation approach. The age group shown is based on a respondent's age at the time of the interview, not his or her age at first use. For details, see Section B of the "2016-2017 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

NOTE: The state and census region Bayesian confidence (credible) intervals presented above use a simultaneous solution for the First Use of Marijuana and Never Used Marijuana outcomes, which had age group-specific random effects that were allowed to be correlated across the two outcomes. The associated Markov Chain Monte Carlo chains were used to calculate the posterior variance. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 6 *Illicit Drug Use Other Than Marijuana in the Past Month*, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Total U.S.           | 3.38              | (3.23 - 3.52)                    | 2.43                | (2.24 - 2.64)                      | 7.07                | (6.71 - 7.46)                      | 2.88              | (2.72 - 3.05)                    | 3.47              | (3.32 - 3.63)                    |
| Northeast            | 3.41              | (3.13 - 3.71)                    | 2.05                | (1.74 - 2.42)                      | 7.74                | (7.03 - 8.52)                      | 2.86              | (2.54 - 3.22)                    | 3.53              | (3.23 - 3.86)                    |
| Midwest              | 3.28              | (3.06 - 3.51)                    | 2.41                | (2.13 - 2.73)                      | 7.21                | (6.62 - 7.84)                      | 2.73              | (2.48 - 3.01)                    | 3.37              | (3.13 - 3.62)                    |
| South                | 3.17              | (2.98 - 3.38)                    | 2.53                | (2.25 - 2.83)                      | 6.63                | (6.13 - 7.16)                      | 2.70              | (2.47 - 2.94)                    | 3.24              | (3.04 - 3.46)                    |
| West                 | 3.76              | (3.48 - 4.06)                    | 2.55                | (2.22 - 2.93)                      | 7.16                | (6.46 - 7.92)                      | 3.34              | (3.01 - 3.71)                    | 3.88              | (3.58 - 4.21)                    |
| Alabama              | 3.43              | (2.78 - 4.24)                    | 2.71                | (1.88 - 3.91)                      | 6.85                | (5.23 - 8.93)                      | 2.96              | (2.26 - 3.89)                    | 3.51              | (2.81 - 4.37)                    |
| Alaska               | 3.54              | (2.85 - 4.38)                    | 2.42                | (1.68 - 3.46)                      | 7.17                | (5.37 - 9.51)                      | 3.08              | (2.33 - 4.05)                    | 3.66              | (2.93 - 4.58)                    |
| Arizona              | 3.46              | (2.73 - 4.37)                    | 2.31                | (1.61 - 3.32)                      | 5.89                | (4.28 - 8.06)                      | 3.19              | (2.39 - 4.26)                    | 3.58              | (2.80 - 4.56)                    |
| Arkansas             | 3.66              | (2.91 - 4.59)                    | 3.14                | (2.22 - 4.41)                      | 6.40                | (4.71 - 8.64)                      | 3.27              | (2.44 - 4.36)                    | 3.71              | (2.92 - 4.71)                    |
| California           | 3.82              | (3.40 - 4.30)                    | 2.46                | (1.98 - 3.07)                      | 7.00                | (5.96 - 8.21)                      | 3.45              | (2.95 - 4.02)                    | 3.96              | (3.50 - 4.48)                    |
| Colorado             | 3.93              | (3.20 - 4.82)                    | 2.63                | (1.84 - 3.75)                      | 9.03                | (6.88 - 11.76)                     | 3.25              | (2.50 - 4.22)                    | 4.06              | (3.28 - 5.02)                    |
| Connecticut          | 3.73              | (3.00 - 4.62)                    | 2.27                | (1.56 - 3.28)                      | 9.26                | (7.15 - 11.92)                     | 3.00              | (2.24 - 4.00)                    | 3.87              | (3.10 - 4.83)                    |
| Delaware             | 3.41              | (2.74 - 4.24)                    | 2.31                | (1.58 - 3.37)                      | 6.61                | (4.97 - 8.74)                      | 3.05              | (2.32 - 4.00)                    | 3.51              | (2.80 - 4.40)                    |
| District of Columbia | 5.36              | (4.33 - 6.61)                    | 3.23                | (2.16 - 4.81)                      | 9.57                | (7.25 - 12.53)                     | 4.68              | (3.56 - 6.12)                    | 5.48              | (4.41 - 6.78)                    |
| Florida              | 3.18              | (2.74 - 3.68)                    | 2.54                | (1.98 - 3.25)                      | 6.34                | (5.25 - 7.65)                      | 2.81              | (2.32 - 3.39)                    | 3.23              | (2.77 - 3.77)                    |
| Georgia              | 3.08              | (2.55 - 3.71)                    | 2.27                | (1.63 - 3.14)                      | 5.52                | (4.29 - 7.07)                      | 2.77              | (2.18 - 3.52)                    | 3.17              | (2.60 - 3.85)                    |
| Hawaii               | 2.67              | (2.12 - 3.37)                    | 2.50                | (1.69 - 3.69)                      | 6.17                | (4.51 - 8.40)                      | 2.21              | (1.64 - 2.97)                    | 2.69              | (2.11 - 3.42)                    |
| Idaho                | 2.99              | (2.40 - 3.73)                    | 2.59                | (1.81 - 3.68)                      | 5.99                | (4.40 - 8.09)                      | 2.55              | (1.92 - 3.38)                    | 3.04              | (2.41 - 3.83)                    |
| Illinois             | 3.19              | (2.72 - 3.75)                    | 2.40                | (1.79 - 3.21)                      | 9.19                | (7.58 - 11.10)                     | 2.32              | (1.81 - 2.97)                    | 3.27              | (2.77 - 3.87)                    |
| Indiana              | 3.76              | (3.06 - 4.61)                    | 2.34                | (1.63 - 3.35)                      | 8.07                | (6.17 - 10.48)                     | 3.19              | (2.44 - 4.15)                    | 3.91              | (3.16 - 4.83)                    |
| Iowa                 | 3.02              | (2.44 - 3.75)                    | 2.25                | (1.57 - 3.22)                      | 6.58                | (4.99 - 8.63)                      | 2.48              | (1.86 - 3.31)                    | 3.10              | (2.48 - 3.88)                    |
| Kansas               | 2.90              | (2.29 - 3.66)                    | 2.33                | (1.60 - 3.37)                      | 5.15                | (3.70 - 7.12)                      | 2.57              | (1.91 - 3.47)                    | 2.96              | (2.32 - 3.78)                    |
| Kentucky             | 2.96              | (2.35 - 3.72)                    | 2.30                | (1.61 - 3.27)                      | 5.64                | (4.18 - 7.57)                      | 2.60              | (1.95 - 3.47)                    | 3.03              | (2.38 - 3.84)                    |
| Louisiana            | 3.48              | (2.79 - 4.34)                    | 2.61                | (1.87 - 3.64)                      | 6.87                | (5.12 - 9.17)                      | 3.03              | (2.29 - 3.99)                    | 3.57              | (2.83 - 4.50)                    |
| Maine                | 2.97              | (2.38 - 3.68)                    | 2.14                | (1.46 - 3.11)                      | 7.40                | (5.63 - 9.68)                      | 2.45              | (1.84 - 3.26)                    | 3.04              | (2.42 - 3.80)                    |
| Maryland             | 3.35              | (2.72 - 4.13)                    | 2.54                | (1.79 - 3.59)                      | 8.06                | (6.14 - 10.52)                     | 2.72              | (2.07 - 3.58)                    | 3.43              | (2.76 - 4.26)                    |
| Massachusetts        | 4.26              | (3.45 - 5.26)                    | 2.29                | (1.60 - 3.28)                      | 9.19                | (7.12 - 11.78)                     | 3.62              | (2.75 - 4.76)                    | 4.44              | (3.57 - 5.51)                    |
| Michigan             | 3.68              | (3.16 - 4.29)                    | 2.58                | (1.95 - 3.40)                      | 7.23                | (5.98 - 8.72)                      | 3.22              | (2.63 - 3.94)                    | 3.80              | (3.24 - 4.45)                    |
| Minnesota            | 3.17              | (2.58 - 3.88)                    | 2.58                | (1.82 - 3.64)                      | 7.46                | (5.66 - 9.77)                      | 2.56              | (1.95 - 3.34)                    | 3.23              | (2.60 - 3.99)                    |
| Mississippi          | 3.35              | (2.71 - 4.12)                    | 2.89                | (2.06 - 4.05)                      | 6.32                | (4.68 - 8.49)                      | 2.89              | (2.20 - 3.78)                    | 3.40              | (2.73 - 4.22)                    |
| Missouri             | 3.32              | (2.63 - 4.18)                    | 3.07                | (2.11 - 4.46)                      | 5.52                | (4.02 - 7.54)                      | 2.99              | (2.23 - 4.00)                    | 3.34              | (2.62 - 4.26)                    |
| Montana              | 3.59              | (2.93 - 4.38)                    | 2.92                | (2.08 - 4.09)                      | 7.76                | (5.88 - 10.18)                     | 2.99              | (2.31 - 3.87)                    | 3.65              | (2.96 - 4.50)                    |

See notes at end of table.

(continued)

**Table 6 *Illicit Drug Use Other Than Marijuana in the Past Month*, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Nebraska       | 2.87              | (2.28 - 3.60)                    | 2.24                | (1.55 - 3.23)                      | 6.34                | (4.71 - 8.48)                      | 2.33              | (1.70 - 3.18)                    | 2.93              | (2.30 - 3.73)                    |
| Nevada         | 3.89              | (3.14 - 4.80)                    | 3.35                | (2.38 - 4.69)                      | 7.58                | (5.70 - 10.00)                     | 3.41              | (2.60 - 4.47)                    | 3.94              | (3.15 - 4.92)                    |
| New Hampshire  | 3.66              | (3.00 - 4.46)                    | 2.63                | (1.88 - 3.67)                      | 10.37               | (8.07 - 13.22)                     | 2.73              | (2.06 - 3.61)                    | 3.76              | (3.05 - 4.61)                    |
| New Jersey     | 2.74              | (2.23 - 3.36)                    | 1.92                | (1.32 - 2.78)                      | 6.68                | (5.15 - 8.63)                      | 2.25              | (1.72 - 2.94)                    | 2.82              | (2.28 - 3.49)                    |
| New Mexico     | 3.68              | (2.97 - 4.57)                    | 2.56                | (1.77 - 3.68)                      | 8.09                | (6.15 - 10.57)                     | 3.10              | (2.33 - 4.11)                    | 3.80              | (3.04 - 4.75)                    |
| New York       | 3.30              | (2.85 - 3.83)                    | 1.91                | (1.43 - 2.53)                      | 6.89                | (5.75 - 8.23)                      | 2.87              | (2.36 - 3.47)                    | 3.43              | (2.95 - 3.99)                    |
| North Carolina | 3.28              | (2.72 - 3.94)                    | 2.52                | (1.83 - 3.46)                      | 6.87                | (5.38 - 8.73)                      | 2.80              | (2.21 - 3.55)                    | 3.36              | (2.77 - 4.06)                    |
| North Dakota   | 2.97              | (2.34 - 3.76)                    | 2.31                | (1.60 - 3.32)                      | 5.92                | (4.30 - 8.10)                      | 2.43              | (1.78 - 3.31)                    | 3.03              | (2.36 - 3.88)                    |
| Ohio           | 3.16              | (2.70 - 3.70)                    | 2.14                | (1.63 - 2.81)                      | 6.56                | (5.38 - 7.99)                      | 2.74              | (2.23 - 3.37)                    | 3.27              | (2.77 - 3.85)                    |
| Oklahoma       | 3.22              | (2.62 - 3.95)                    | 2.43                | (1.70 - 3.46)                      | 8.24                | (6.29 - 10.71)                     | 2.45              | (1.85 - 3.25)                    | 3.30              | (2.66 - 4.09)                    |
| Oregon         | 4.55              | (3.74 - 5.52)                    | 3.21                | (2.26 - 4.54)                      | 9.76                | (7.64 - 12.40)                     | 3.91              | (3.06 - 4.99)                    | 4.67              | (3.82 - 5.71)                    |
| Pennsylvania   | 3.36              | (2.85 - 3.94)                    | 2.02                | (1.50 - 2.72)                      | 7.79                | (6.44 - 9.39)                      | 2.81              | (2.25 - 3.50)                    | 3.48              | (2.94 - 4.11)                    |
| Rhode Island   | 4.31              | (3.50 - 5.30)                    | 2.84                | (1.96 - 4.09)                      | 8.90                | (6.74 - 11.66)                     | 3.64              | (2.78 - 4.76)                    | 4.44              | (3.58 - 5.50)                    |
| South Carolina | 3.73              | (3.02 - 4.60)                    | 3.38                | (2.41 - 4.72)                      | 8.18                | (6.32 - 10.53)                     | 3.07              | (2.32 - 4.05)                    | 3.76              | (3.01 - 4.68)                    |
| South Dakota   | 3.19              | (2.53 - 4.01)                    | 3.00                | (2.10 - 4.27)                      | 6.51                | (4.79 - 8.79)                      | 2.65              | (1.94 - 3.59)                    | 3.21              | (2.51 - 4.09)                    |
| Tennessee      | 3.48              | (2.83 - 4.25)                    | 2.60                | (1.82 - 3.70)                      | 7.79                | (5.89 - 10.24)                     | 2.89              | (2.22 - 3.76)                    | 3.56              | (2.88 - 4.40)                    |
| Texas          | 2.81              | (2.43 - 3.26)                    | 2.47                | (1.90 - 3.20)                      | 6.12                | (5.06 - 7.39)                      | 2.27              | (1.85 - 2.78)                    | 2.86              | (2.44 - 3.34)                    |
| Utah           | 3.09              | (2.50 - 3.81)                    | 2.20                | (1.53 - 3.16)                      | 5.78                | (4.25 - 7.81)                      | 2.64              | (2.01 - 3.46)                    | 3.21              | (2.58 - 4.00)                    |
| Vermont        | 4.71              | (3.85 - 5.76)                    | 2.40                | (1.57 - 3.65)                      | 14.55               | (11.22 - 18.65)                    | 3.23              | (2.40 - 4.33)                    | 4.91              | (3.99 - 6.03)                    |
| Virginia       | 3.01              | (2.51 - 3.61)                    | 2.27                | (1.64 - 3.14)                      | 6.77                | (5.38 - 8.47)                      | 2.50              | (1.95 - 3.18)                    | 3.09              | (2.55 - 3.73)                    |
| Washington     | 3.86              | (3.13 - 4.74)                    | 2.71                | (1.92 - 3.80)                      | 7.21                | (5.53 - 9.35)                      | 3.47              | (2.66 - 4.50)                    | 3.97              | (3.20 - 4.91)                    |
| West Virginia  | 2.94              | (2.36 - 3.66)                    | 1.89                | (1.28 - 2.78)                      | 6.30                | (4.70 - 8.39)                      | 2.56              | (1.94 - 3.37)                    | 3.04              | (2.42 - 3.80)                    |
| Wisconsin      | 3.00              | (2.40 - 3.74)                    | 2.06                | (1.42 - 2.98)                      | 6.64                | (4.98 - 8.80)                      | 2.51              | (1.89 - 3.34)                    | 3.10              | (2.46 - 3.89)                    |
| Wyoming        | 2.87              | (2.28 - 3.62)                    | 2.03                | (1.39 - 2.97)                      | 5.49                | (4.00 - 7.48)                      | 2.56              | (1.92 - 3.40)                    | 2.96              | (2.33 - 3.76)                    |

NOTE: Illicit Drug Use Other Than Marijuana Use includes the misuse of prescription psychotherapeutics or the use of cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine. Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 7 Cocaine Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 2.03              | (1.93 - 2.14)                       | 0.53                | (0.44 - 0.63)                         | 5.88                | (5.51 - 6.26)                         | 1.59              | (1.48 - 1.70)                       | 2.19              | (2.08 - 2.30)                       |
| Northeast            | 2.34              | (2.12 - 2.59)                       | 0.53                | (0.42 - 0.67)                         | 6.69                | (5.97 - 7.48)                         | 1.85              | (1.61 - 2.12)                       | 2.51              | (2.27 - 2.78)                       |
| Midwest              | 1.77              | (1.61 - 1.94)                       | 0.51                | (0.40 - 0.65)                         | 5.22                | (4.67 - 5.83)                         | 1.34              | (1.18 - 1.53)                       | 1.90              | (1.73 - 2.08)                       |
| South                | 1.75              | (1.62 - 1.89)                       | 0.42                | (0.33 - 0.54)                         | 4.99                | (4.52 - 5.50)                         | 1.39              | (1.24 - 1.55)                       | 1.89              | (1.74 - 2.04)                       |
| West                 | 2.49              | (2.27 - 2.74)                       | 0.71                | (0.54 - 0.93)                         | 7.24                | (6.47 - 8.09)                         | 1.92              | (1.67 - 2.19)                       | 2.67              | (2.43 - 2.94)                       |
| Alabama              | 1.62              | (1.19 - 2.21)                       | 0.36                | (0.21 - 0.60)                         | 3.84                | (2.68 - 5.45)                         | 1.41              | (0.98 - 2.04)                       | 1.75              | (1.28 - 2.39)                       |
| Alaska               | 2.32              | (1.76 - 3.05)                       | 0.71                | (0.44 - 1.13)                         | 5.76                | (4.17 - 7.90)                         | 1.95              | (1.39 - 2.74)                       | 2.50              | (1.89 - 3.30)                       |
| Arizona              | 2.11              | (1.57 - 2.84)                       | 0.66                | (0.41 - 1.04)                         | 5.85                | (4.20 - 8.08)                         | 1.67              | (1.15 - 2.42)                       | 2.27              | (1.67 - 3.06)                       |
| Arkansas             | 1.48              | (1.07 - 2.04)                       | 0.51                | (0.32 - 0.82)                         | 3.75                | (2.62 - 5.35)                         | 1.23              | (0.83 - 1.81)                       | 1.58              | (1.14 - 2.19)                       |
| California           | 2.71              | (2.37 - 3.09)                       | 0.69                | (0.47 - 0.99)                         | 7.99                | (6.79 - 9.38)                         | 2.05              | (1.70 - 2.48)                       | 2.91              | (2.55 - 3.33)                       |
| Colorado             | 2.68              | (2.07 - 3.47)                       | 0.79                | (0.50 - 1.25)                         | 8.32                | (6.32 - 10.88)                        | 1.98              | (1.40 - 2.80)                       | 2.87              | (2.21 - 3.73)                       |
| Connecticut          | 2.74              | (2.10 - 3.58)                       | 0.60                | (0.38 - 0.96)                         | 8.36                | (6.32 - 10.99)                        | 2.08              | (1.45 - 2.96)                       | 2.95              | (2.25 - 3.86)                       |
| Delaware             | 2.02              | (1.51 - 2.71)                       | 0.37                | (0.22 - 0.61)                         | 6.20                | (4.51 - 8.46)                         | 1.58              | (1.09 - 2.29)                       | 2.18              | (1.62 - 2.92)                       |
| District of Columbia | 4.34              | (3.34 - 5.60)                       | 0.22                | (0.11 - 0.44)                         | 7.00                | (5.17 - 9.40)                         | 4.10              | (3.01 - 5.55)                       | 4.57              | (3.52 - 5.90)                       |
| Florida              | 1.96              | (1.64 - 2.33)                       | 0.45                | (0.30 - 0.66)                         | 6.22                | (5.13 - 7.52)                         | 1.52              | (1.20 - 1.91)                       | 2.09              | (1.75 - 2.49)                       |
| Georgia              | 1.74              | (1.34 - 2.24)                       | 0.34                | (0.21 - 0.53)                         | 4.45                | (3.35 - 5.90)                         | 1.46              | (1.06 - 2.02)                       | 1.89              | (1.46 - 2.45)                       |
| Hawaii               | 1.88              | (1.37 - 2.56)                       | 0.58                | (0.30 - 1.12)                         | 5.22                | (3.73 - 7.26)                         | 1.55              | (1.05 - 2.28)                       | 1.99              | (1.45 - 2.73)                       |
| Idaho                | 1.37              | (0.98 - 1.90)                       | 0.66                | (0.38 - 1.12)                         | 4.24                | (2.94 - 6.07)                         | 0.99              | (0.63 - 1.55)                       | 1.45              | (1.03 - 2.04)                       |
| Illinois             | 1.94              | (1.58 - 2.39)                       | 0.48                | (0.33 - 0.70)                         | 5.84                | (4.65 - 7.30)                         | 1.49              | (1.13 - 1.96)                       | 2.09              | (1.70 - 2.58)                       |
| Indiana              | 1.90              | (1.44 - 2.50)                       | 0.55                | (0.35 - 0.86)                         | 5.72                | (4.19 - 7.77)                         | 1.41              | (0.98 - 2.02)                       | 2.05              | (1.55 - 2.71)                       |
| Iowa                 | 1.43              | (1.05 - 1.95)                       | 0.55                | (0.33 - 0.90)                         | 4.53                | (3.19 - 6.38)                         | 0.99              | (0.66 - 1.49)                       | 1.52              | (1.11 - 2.09)                       |
| Kansas               | 1.58              | (1.16 - 2.15)                       | 0.55                | (0.35 - 0.87)                         | 4.89                | (3.45 - 6.89)                         | 1.13              | (0.76 - 1.67)                       | 1.70              | (1.24 - 2.31)                       |
| Kentucky             | 1.60              | (1.17 - 2.18)                       | 0.54                | (0.34 - 0.85)                         | 4.74                | (3.37 - 6.63)                         | 1.21              | (0.81 - 1.80)                       | 1.70              | (1.24 - 2.34)                       |
| Louisiana            | 1.43              | (1.02 - 1.99)                       | 0.28                | (0.16 - 0.49)                         | 3.69                | (2.55 - 5.31)                         | 1.19              | (0.80 - 1.78)                       | 1.55              | (1.11 - 2.16)                       |
| Maine                | 1.86              | (1.40 - 2.48)                       | 0.70                | (0.44 - 1.11)                         | 6.62                | (4.97 - 8.77)                         | 1.33              | (0.91 - 1.95)                       | 1.96              | (1.46 - 2.62)                       |
| Maryland             | 2.11              | (1.60 - 2.78)                       | 0.35                | (0.21 - 0.57)                         | 6.20                | (4.56 - 8.38)                         | 1.69              | (1.20 - 2.37)                       | 2.29              | (1.73 - 3.01)                       |
| Massachusetts        | 3.05              | (2.38 - 3.91)                       | 0.64                | (0.41 - 0.98)                         | 9.35                | (7.08 - 12.24)                        | 2.22              | (1.61 - 3.06)                       | 3.27              | (2.54 - 4.19)                       |
| Michigan             | 1.70              | (1.38 - 2.09)                       | 0.44                | (0.30 - 0.66)                         | 4.75                | (3.75 - 6.00)                         | 1.33              | (1.01 - 1.76)                       | 1.82              | (1.47 - 2.26)                       |
| Minnesota            | 1.70              | (1.29 - 2.25)                       | 0.57                | (0.36 - 0.89)                         | 4.79                | (3.44 - 6.62)                         | 1.35              | (0.95 - 1.91)                       | 1.82              | (1.37 - 2.42)                       |
| Mississippi          | 1.29              | (0.91 - 1.83)                       | 0.24                | (0.13 - 0.46)                         | 2.90                | (1.96 - 4.28)                         | 1.15              | (0.75 - 1.75)                       | 1.41              | (0.99 - 2.00)                       |
| Missouri             | 1.59              | (1.18 - 2.14)                       | 0.47                | (0.29 - 0.76)                         | 4.44                | (3.12 - 6.26)                         | 1.26              | (0.87 - 1.82)                       | 1.71              | (1.26 - 2.31)                       |
| Montana              | 1.91              | (1.44 - 2.52)                       | 0.89                | (0.55 - 1.43)                         | 5.81                | (4.21 - 7.97)                         | 1.39              | (0.98 - 1.98)                       | 2.00              | (1.50 - 2.66)                       |

See notes at end of table.

(continued)



**Table 7 Cocaine Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 1.68              | (1.26 - 2.23)                       | 0.60                | (0.38 - 0.95)                         | 5.65                | (4.18 - 7.62)                         | 1.11              | (0.74 - 1.66)                       | 1.80              | (1.34 - 2.40)                       |
| Nevada         | 2.33              | (1.74 - 3.11)                       | 0.62                | (0.39 - 0.98)                         | 5.83                | (4.25 - 7.95)                         | 2.02              | (1.41 - 2.88)                       | 2.50              | (1.86 - 3.36)                       |
| New Hampshire  | 2.20              | (1.71 - 2.82)                       | 0.89                | (0.58 - 1.37)                         | 8.81                | (6.70 - 11.51)                        | 1.32              | (0.91 - 1.90)                       | 2.32              | (1.80 - 2.99)                       |
| New Jersey     | 1.87              | (1.46 - 2.39)                       | 0.49                | (0.31 - 0.77)                         | 6.48                | (4.91 - 8.49)                         | 1.34              | (0.97 - 1.86)                       | 2.01              | (1.56 - 2.58)                       |
| New Mexico     | 2.02              | (1.51 - 2.69)                       | 0.74                | (0.45 - 1.21)                         | 5.58                | (3.99 - 7.76)                         | 1.59              | (1.10 - 2.29)                       | 2.15              | (1.60 - 2.89)                       |
| New York       | 2.46              | (2.08 - 2.91)                       | 0.44                | (0.30 - 0.65)                         | 5.79                | (4.77 - 7.02)                         | 2.13              | (1.72 - 2.65)                       | 2.65              | (2.23 - 3.13)                       |
| North Carolina | 1.86              | (1.46 - 2.36)                       | 0.40                | (0.26 - 0.63)                         | 5.17                | (3.97 - 6.71)                         | 1.51              | (1.11 - 2.05)                       | 2.01              | (1.58 - 2.55)                       |
| North Dakota   | 1.51              | (1.10 - 2.09)                       | 0.61                | (0.35 - 1.07)                         | 4.68                | (3.25 - 6.70)                         | 0.96              | (0.62 - 1.50)                       | 1.60              | (1.15 - 2.22)                       |
| Ohio           | 1.76              | (1.45 - 2.14)                       | 0.50                | (0.34 - 0.73)                         | 5.17                | (4.13 - 6.46)                         | 1.37              | (1.05 - 1.78)                       | 1.89              | (1.55 - 2.31)                       |
| Oklahoma       | 1.70              | (1.26 - 2.28)                       | 0.48                | (0.30 - 0.76)                         | 5.39                | (3.88 - 7.44)                         | 1.22              | (0.82 - 1.81)                       | 1.83              | (1.36 - 2.47)                       |
| Oregon         | 2.98              | (2.33 - 3.80)                       | 1.01                | (0.63 - 1.61)                         | 8.86                | (6.76 - 11.53)                        | 2.30              | (1.67 - 3.17)                       | 3.16              | (2.46 - 4.04)                       |
| Pennsylvania   | 1.98              | (1.60 - 2.45)                       | 0.54                | (0.37 - 0.77)                         | 5.57                | (4.42 - 6.99)                         | 1.58              | (1.19 - 2.10)                       | 2.12              | (1.71 - 2.62)                       |
| Rhode Island   | 2.66              | (2.03 - 3.48)                       | 0.70                | (0.45 - 1.11)                         | 7.68                | (5.72 - 10.23)                        | 1.97              | (1.39 - 2.78)                       | 2.84              | (2.16 - 3.72)                       |
| South Carolina | 1.95              | (1.46 - 2.59)                       | 0.38                | (0.23 - 0.65)                         | 5.95                | (4.46 - 7.91)                         | 1.50              | (1.02 - 2.20)                       | 2.10              | (1.57 - 2.81)                       |
| South Dakota   | 1.14              | (0.80 - 1.61)                       | 0.56                | (0.32 - 0.99)                         | 3.45                | (2.31 - 5.12)                         | 0.82              | (0.52 - 1.29)                       | 1.20              | (0.84 - 1.71)                       |
| Tennessee      | 1.87              | (1.41 - 2.48)                       | 0.50                | (0.32 - 0.78)                         | 5.26                | (3.80 - 7.26)                         | 1.49              | (1.05 - 2.12)                       | 2.01              | (1.51 - 2.67)                       |
| Texas          | 1.47              | (1.20 - 1.79)                       | 0.46                | (0.31 - 0.68)                         | 4.42                | (3.53 - 5.52)                         | 1.08              | (0.82 - 1.44)                       | 1.59              | (1.30 - 1.95)                       |
| Utah           | 1.71              | (1.28 - 2.28)                       | 0.69                | (0.42 - 1.12)                         | 4.67                | (3.33 - 6.51)                         | 1.23              | (0.83 - 1.81)                       | 1.85              | (1.37 - 2.48)                       |
| Vermont        | 3.50              | (2.74 - 4.46)                       | 0.93                | (0.56 - 1.52)                         | 12.24               | (9.42 - 15.75)                        | 2.23              | (1.57 - 3.17)                       | 3.72              | (2.90 - 4.75)                       |
| Virginia       | 1.93              | (1.52 - 2.45)                       | 0.43                | (0.28 - 0.66)                         | 5.26                | (4.05 - 6.81)                         | 1.57              | (1.15 - 2.13)                       | 2.08              | (1.63 - 2.64)                       |
| Washington     | 2.33              | (1.77 - 3.07)                       | 0.70                | (0.45 - 1.11)                         | 6.52                | (4.81 - 8.79)                         | 1.87              | (1.32 - 2.64)                       | 2.49              | (1.88 - 3.29)                       |
| West Virginia  | 1.65              | (1.23 - 2.21)                       | 0.61                | (0.38 - 0.97)                         | 5.07                | (3.65 - 7.02)                         | 1.26              | (0.87 - 1.82)                       | 1.75              | (1.29 - 2.35)                       |
| Wisconsin      | 2.02              | (1.52 - 2.66)                       | 0.58                | (0.37 - 0.92)                         | 6.19                | (4.49 - 8.49)                         | 1.50              | (1.05 - 2.14)                       | 2.16              | (1.62 - 2.86)                       |
| Wyoming        | 1.59              | (1.18 - 2.16)                       | 0.83                | (0.51 - 1.33)                         | 4.83                | (3.43 - 6.76)                         | 1.17              | (0.79 - 1.73)                       | 1.67              | (1.22 - 2.28)                       |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 8 Perceptions of Great Risk from Using Cocaine Once a Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 71.55             | (71.15 - 71.95)                     | 56.01               | (55.28 - 56.73)                       | 63.91               | (63.17 - 64.63)                       | 74.62             | (74.14 - 75.09)                     | 73.11             | (72.68 - 73.53)                     |
| Northeast            | 68.92             | (68.10 - 69.73)                     | 55.84               | (54.52 - 57.15)                       | 60.02               | (58.50 - 61.52)                       | 71.73             | (70.74 - 72.70)                     | 70.12             | (69.23 - 70.98)                     |
| Midwest              | 71.40             | (70.76 - 72.04)                     | 54.66               | (53.52 - 55.79)                       | 63.40               | (62.07 - 64.70)                       | 74.73             | (73.94 - 75.49)                     | 73.11             | (72.41 - 73.79)                     |
| South                | 75.44             | (74.92 - 75.96)                     | 57.72               | (56.71 - 58.73)                       | 68.49               | (67.26 - 69.70)                       | 78.68             | (78.03 - 79.31)                     | 77.26             | (76.69 - 77.82)                     |
| West                 | 67.48             | (66.69 - 68.26)                     | 54.58               | (53.26 - 55.88)                       | 60.09               | (58.46 - 61.70)                       | 70.23             | (69.27 - 71.17)                     | 68.78             | (67.92 - 69.62)                     |
| Alabama              | 76.69             | (74.56 - 78.69)                     | 58.73               | (54.89 - 62.47)                       | 71.28               | (67.80 - 74.53)                       | 79.67             | (77.19 - 81.95)                     | 78.50             | (76.22 - 80.61)                     |
| Alaska               | 66.25             | (63.73 - 68.68)                     | 52.81               | (49.03 - 56.55)                       | 60.84               | (56.94 - 64.60)                       | 68.89             | (65.89 - 71.75)                     | 67.73             | (65.02 - 70.32)                     |
| Arizona              | 71.38             | (68.87 - 73.77)                     | 58.15               | (54.45 - 61.77)                       | 65.19               | (61.14 - 69.02)                       | 74.02             | (71.02 - 76.81)                     | 72.76             | (70.04 - 75.31)                     |
| Arkansas             | 77.28             | (75.20 - 79.23)                     | 56.96               | (53.12 - 60.71)                       | 71.37               | (67.69 - 74.80)                       | 80.74             | (78.32 - 82.94)                     | 79.41             | (77.20 - 81.46)                     |
| California           | 67.53             | (66.28 - 68.76)                     | 54.97               | (52.78 - 57.13)                       | 59.87               | (57.45 - 62.25)                       | 70.31             | (68.80 - 71.77)                     | 68.79             | (67.45 - 70.11)                     |
| Colorado             | 64.77             | (62.23 - 67.23)                     | 52.21               | (48.47 - 55.92)                       | 56.00               | (51.72 - 60.19)                       | 67.66             | (64.66 - 70.52)                     | 66.02             | (63.28 - 68.65)                     |
| Connecticut          | 67.67             | (65.13 - 70.10)                     | 54.86               | (50.98 - 58.68)                       | 56.31               | (52.26 - 60.29)                       | 70.97             | (67.96 - 73.81)                     | 68.91             | (66.19 - 71.52)                     |
| Delaware             | 71.31             | (68.95 - 73.56)                     | 56.17               | (52.28 - 60.00)                       | 66.82               | (62.94 - 70.48)                       | 73.60             | (70.83 - 76.20)                     | 72.71             | (70.20 - 75.09)                     |
| District of Columbia | 60.19             | (57.28 - 63.02)                     | 56.65               | (52.56 - 60.64)                       | 53.11               | (48.89 - 57.29)                       | 61.78             | (58.34 - 65.10)                     | 60.36             | (57.33 - 63.32)                     |
| Florida              | 76.45             | (75.13 - 77.72)                     | 57.88               | (55.61 - 60.11)                       | 67.40               | (64.92 - 69.80)                       | 79.51             | (77.95 - 80.99)                     | 78.04             | (76.63 - 79.39)                     |
| Georgia              | 77.72             | (75.96 - 79.39)                     | 61.39               | (58.10 - 64.59)                       | 70.90               | (67.78 - 73.83)                       | 81.00             | (78.96 - 82.89)                     | 79.54             | (77.66 - 81.30)                     |
| Hawaii               | 67.73             | (65.09 - 70.26)                     | 53.74               | (49.75 - 57.67)                       | 64.35               | (60.01 - 68.47)                       | 69.62             | (66.49 - 72.57)                     | 68.97             | (66.13 - 71.67)                     |
| Idaho                | 71.25             | (68.93 - 73.47)                     | 55.81               | (52.09 - 59.46)                       | 65.02               | (61.00 - 68.83)                       | 74.45             | (71.73 - 76.99)                     | 73.10             | (70.59 - 75.47)                     |
| Illinois             | 70.93             | (69.34 - 72.46)                     | 55.10               | (52.36 - 57.81)                       | 63.08               | (60.25 - 65.81)                       | 74.09             | (72.20 - 75.89)                     | 72.55             | (70.84 - 74.19)                     |
| Indiana              | 73.31             | (71.13 - 75.39)                     | 55.61               | (51.78 - 59.38)                       | 65.43               | (61.58 - 69.09)                       | 76.92             | (74.38 - 79.28)                     | 75.21             | (72.89 - 77.39)                     |
| Iowa                 | 70.59             | (68.28 - 72.80)                     | 54.58               | (50.88 - 58.23)                       | 61.50               | (57.50 - 65.35)                       | 74.13             | (71.38 - 76.71)                     | 72.22             | (69.72 - 74.58)                     |
| Kansas               | 71.79             | (69.53 - 73.94)                     | 55.70               | (52.02 - 59.32)                       | 66.16               | (62.35 - 69.77)                       | 74.88             | (72.21 - 77.38)                     | 73.56             | (71.12 - 75.86)                     |
| Kentucky             | 75.46             | (73.23 - 77.57)                     | 58.35               | (54.66 - 61.95)                       | 67.12               | (63.27 - 70.76)                       | 78.82             | (76.23 - 81.20)                     | 77.18             | (74.81 - 79.39)                     |
| Louisiana            | 73.91             | (71.71 - 76.00)                     | 55.03               | (51.31 - 58.69)                       | 68.05               | (64.11 - 71.76)                       | 77.18             | (74.64 - 79.54)                     | 75.88             | (73.53 - 78.09)                     |
| Maine                | 70.18             | (67.67 - 72.59)                     | 56.63               | (52.98 - 60.21)                       | 59.87               | (55.85 - 63.76)                       | 72.86             | (69.94 - 75.59)                     | 71.31             | (68.63 - 73.85)                     |
| Maryland             | 71.40             | (69.18 - 73.51)                     | 56.74               | (52.97 - 60.43)                       | 62.63               | (58.93 - 66.20)                       | 74.40             | (71.79 - 76.84)                     | 72.83             | (70.47 - 75.06)                     |
| Massachusetts        | 63.65             | (61.04 - 66.20)                     | 54.52               | (50.63 - 58.35)                       | 53.75               | (49.66 - 57.79)                       | 66.31             | (63.21 - 69.26)                     | 64.46             | (61.66 - 67.15)                     |
| Michigan             | 72.99             | (71.43 - 74.49)                     | 53.65               | (50.90 - 56.38)                       | 64.53               | (61.87 - 67.09)                       | 76.67             | (74.81 - 78.43)                     | 74.92             | (73.25 - 76.52)                     |
| Minnesota            | 66.23             | (63.87 - 68.51)                     | 52.26               | (48.50 - 55.99)                       | 59.13               | (55.02 - 63.13)                       | 69.00             | (66.23 - 71.64)                     | 67.64             | (65.09 - 70.09)                     |
| Mississippi          | 79.47             | (77.56 - 81.26)                     | 58.42               | (54.73 - 62.02)                       | 73.37               | (69.73 - 76.73)                       | 83.23             | (81.02 - 85.23)                     | 81.76             | (79.74 - 83.63)                     |
| Missouri             | 73.04             | (70.88 - 75.10)                     | 56.40               | (52.65 - 60.08)                       | 63.83               | (59.94 - 67.54)                       | 76.49             | (73.95 - 78.84)                     | 74.71             | (72.40 - 76.89)                     |
| Montana              | 68.34             | (66.00 - 70.59)                     | 53.99               | (50.25 - 57.70)                       | 58.89               | (54.90 - 62.77)                       | 71.38             | (68.66 - 73.94)                     | 69.65             | (67.16 - 72.03)                     |

See notes at end of table.

(continued)

**Table 8 Perceptions of Great Risk from Using Cocaine Once a Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 70.79             | (68.48 - 73.00)                     | 53.66               | (50.06 - 57.22)                       | 60.13               | (55.94 - 64.18)                       | 74.88             | (72.15 - 77.42)                     | 72.65             | (70.14 - 75.02)                     |
| Nevada         | 69.95             | (67.49 - 72.31)                     | 52.63               | (48.77 - 56.46)                       | 62.63               | (58.50 - 66.58)                       | 73.00             | (70.12 - 75.71)                     | 71.68             | (69.04 - 74.18)                     |
| New Hampshire  | 67.04             | (64.56 - 69.42)                     | 54.96               | (51.34 - 58.52)                       | 52.47               | (48.25 - 56.66)                       | 70.53             | (67.61 - 73.29)                     | 68.10             | (65.46 - 70.64)                     |
| New Jersey     | 71.77             | (69.61 - 73.84)                     | 59.02               | (55.57 - 62.38)                       | 61.95               | (58.30 - 65.47)                       | 74.69             | (72.19 - 77.04)                     | 73.03             | (70.73 - 75.21)                     |
| New Mexico     | 69.51             | (67.00 - 71.91)                     | 53.07               | (49.30 - 56.81)                       | 62.23               | (58.17 - 66.13)                       | 72.73             | (69.75 - 75.52)                     | 71.24             | (68.53 - 73.80)                     |
| New York       | 68.85             | (67.31 - 70.36)                     | 55.98               | (53.62 - 58.31)                       | 62.06               | (59.52 - 64.55)                       | 71.31             | (69.45 - 73.09)                     | 70.01             | (68.34 - 71.62)                     |
| North Carolina | 74.58             | (72.77 - 76.32)                     | 55.45               | (52.04 - 58.82)                       | 68.62               | (65.27 - 71.79)                       | 77.78             | (75.64 - 79.78)                     | 76.52             | (74.58 - 78.36)                     |
| North Dakota   | 71.37             | (69.16 - 73.47)                     | 55.62               | (52.02 - 59.16)                       | 61.09               | (57.19 - 64.85)                       | 75.22             | (72.59 - 77.67)                     | 72.80             | (70.44 - 75.03)                     |
| Ohio           | 72.47             | (70.92 - 73.97)                     | 56.65               | (54.06 - 59.21)                       | 64.96               | (62.34 - 67.50)                       | 75.51             | (73.67 - 77.27)                     | 74.06             | (72.39 - 75.66)                     |
| Oklahoma       | 72.51             | (70.04 - 74.84)                     | 58.38               | (54.56 - 62.10)                       | 69.33               | (65.31 - 73.07)                       | 74.84             | (71.93 - 77.55)                     | 74.03             | (71.37 - 76.53)                     |
| Oregon         | 62.53             | (59.97 - 65.02)                     | 50.99               | (47.11 - 54.86)                       | 53.98               | (49.85 - 58.05)                       | 65.01             | (62.02 - 67.88)                     | 63.56             | (60.83 - 66.21)                     |
| Pennsylvania   | 70.58             | (69.00 - 72.11)                     | 54.27               | (51.61 - 56.91)                       | 61.55               | (58.72 - 64.30)                       | 73.71             | (71.80 - 75.53)                     | 72.07             | (70.37 - 73.71)                     |
| Rhode Island   | 67.52             | (64.98 - 69.96)                     | 56.01               | (52.29 - 59.67)                       | 59.38               | (55.09 - 63.54)                       | 70.15             | (67.20 - 72.95)                     | 68.51             | (65.81 - 71.09)                     |
| South Carolina | 76.02             | (73.88 - 78.03)                     | 56.23               | (52.56 - 59.84)                       | 68.14               | (64.64 - 71.45)                       | 79.46             | (76.97 - 81.74)                     | 77.93             | (75.66 - 80.04)                     |
| South Dakota   | 70.25             | (67.94 - 72.45)                     | 52.86               | (49.34 - 56.36)                       | 64.61               | (60.77 - 68.27)                       | 73.34             | (70.56 - 75.94)                     | 72.07             | (69.57 - 74.43)                     |
| Tennessee      | 76.08             | (74.00 - 78.04)                     | 57.66               | (54.03 - 61.20)                       | 69.51               | (65.69 - 73.08)                       | 79.25             | (76.88 - 81.43)                     | 77.91             | (75.70 - 79.96)                     |
| Texas          | 76.43             | (75.26 - 77.56)                     | 58.18               | (55.76 - 60.56)                       | 70.22               | (67.84 - 72.50)                       | 80.10             | (78.69 - 81.44)                     | 78.59             | (77.34 - 79.79)                     |
| Utah           | 71.99             | (69.86 - 74.02)                     | 60.13               | (56.27 - 63.87)                       | 66.83               | (62.88 - 70.56)                       | 75.15             | (72.60 - 77.53)                     | 73.63             | (71.36 - 75.79)                     |
| Vermont        | 65.64             | (63.00 - 68.19)                     | 54.56               | (50.75 - 58.32)                       | 52.19               | (47.57 - 56.78)                       | 69.05             | (65.91 - 72.03)                     | 66.55             | (63.73 - 69.26)                     |
| Virginia       | 71.21             | (69.25 - 73.09)                     | 56.28               | (53.03 - 59.48)                       | 63.35               | (60.13 - 66.45)                       | 74.16             | (71.83 - 76.35)                     | 72.66             | (70.56 - 74.66)                     |
| Washington     | 63.73             | (61.09 - 66.30)                     | 50.67               | (46.97 - 54.35)                       | 55.63               | (51.33 - 59.85)                       | 66.41             | (63.31 - 69.37)                     | 64.96             | (62.14 - 67.69)                     |
| West Virginia  | 75.25             | (73.10 - 77.28)                     | 53.96               | (50.30 - 57.58)                       | 66.57               | (62.76 - 70.17)                       | 78.68             | (76.18 - 80.97)                     | 77.13             | (74.85 - 79.25)                     |
| Wisconsin      | 69.23             | (66.86 - 71.50)                     | 50.67               | (47.01 - 54.33)                       | 61.09               | (57.10 - 64.93)                       | 72.72             | (69.90 - 75.37)                     | 71.07             | (68.53 - 73.49)                     |
| Wyoming        | 71.96             | (69.68 - 74.14)                     | 55.91               | (51.99 - 59.76)                       | 64.39               | (60.49 - 68.11)                       | 75.04             | (72.34 - 77.56)                     | 73.58             | (71.13 - 75.88)                     |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 9 Heroin Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 0.34              | (0.30 - 0.38)                       | 0.05                | (0.03 - 0.09)                         | 0.64                | (0.53 - 0.77)                         | 0.32              | (0.28 - 0.37)                       | 0.37              | (0.32 - 0.42)                       |
| Northeast            | 0.45              | (0.35 - 0.56)                       | 0.05                | (0.02 - 0.11)                         | 0.77                | (0.60 - 0.99)                         | 0.44              | (0.33 - 0.57)                       | 0.48              | (0.38 - 0.61)                       |
| Midwest              | 0.35              | (0.28 - 0.44)                       | 0.05                | (0.02 - 0.11)                         | 0.65                | (0.50 - 0.84)                         | 0.33              | (0.26 - 0.43)                       | 0.38              | (0.30 - 0.47)                       |
| South                | 0.33              | (0.26 - 0.40)                       | 0.05                | (0.03 - 0.12)                         | 0.67                | (0.53 - 0.85)                         | 0.30              | (0.23 - 0.39)                       | 0.35              | (0.29 - 0.44)                       |
| West                 | 0.27              | (0.21 - 0.36)                       | 0.06                | (0.02 - 0.13)                         | 0.49                | (0.36 - 0.67)                         | 0.26              | (0.19 - 0.36)                       | 0.29              | (0.22 - 0.39)                       |
| Alabama              | 0.30              | (0.16 - 0.58)                       | 0.02                | (0.00 - 0.10)                         | 0.58                | (0.28 - 1.21)                         | 0.29              | (0.14 - 0.58)                       | 0.33              | (0.17 - 0.64)                       |
| Alaska               | 0.44              | (0.24 - 0.83)                       | 0.10                | (0.03 - 0.35)                         | 0.91                | (0.47 - 1.77)                         | 0.41              | (0.20 - 0.83)                       | 0.48              | (0.26 - 0.91)                       |
| Arizona              | 0.35              | (0.19 - 0.64)                       | 0.05                | (0.02 - 0.14)                         | 0.77                | (0.39 - 1.49)                         | 0.32              | (0.16 - 0.62)                       | 0.38              | (0.20 - 0.71)                       |
| Arkansas             | 0.25              | (0.12 - 0.50)                       | 0.05                | (0.02 - 0.14)                         | 0.49                | (0.22 - 1.08)                         | 0.23              | (0.11 - 0.50)                       | 0.27              | (0.13 - 0.54)                       |
| California           | 0.19              | (0.11 - 0.31)                       | 0.05                | (0.02 - 0.17)                         | 0.30                | (0.16 - 0.55)                         | 0.18              | (0.10 - 0.32)                       | 0.20              | (0.12 - 0.33)                       |
| Colorado             | 0.28              | (0.14 - 0.56)                       | 0.04                | (0.01 - 0.13)                         | 0.54                | (0.25 - 1.15)                         | 0.26              | (0.12 - 0.57)                       | 0.30              | (0.15 - 0.62)                       |
| Connecticut          | 0.70              | (0.42 - 1.18)                       | 0.06                | (0.02 - 0.16)                         | 1.31                | (0.72 - 2.37)                         | 0.68              | (0.38 - 1.20)                       | 0.77              | (0.45 - 1.29)                       |
| Delaware             | 0.84              | (0.50 - 1.43)                       | 0.06                | (0.02 - 0.20)                         | 1.56                | (0.85 - 2.85)                         | 0.82              | (0.46 - 1.47)                       | 0.92              | (0.54 - 1.55)                       |
| District of Columbia | 0.37              | (0.18 - 0.76)                       | 0.01                | (0.00 - 0.08)                         | 0.32                | (0.13 - 0.77)                         | 0.40              | (0.19 - 0.85)                       | 0.39              | (0.19 - 0.80)                       |
| Florida              | 0.29              | (0.19 - 0.44)                       | 0.14                | (0.05 - 0.40)                         | 0.63                | (0.39 - 1.02)                         | 0.26              | (0.16 - 0.42)                       | 0.30              | (0.20 - 0.46)                       |
| Georgia              | 0.19              | (0.10 - 0.37)                       | 0.02                | (0.01 - 0.09)                         | 0.37                | (0.18 - 0.76)                         | 0.19              | (0.09 - 0.38)                       | 0.21              | (0.11 - 0.41)                       |
| Hawaii               | 0.24              | (0.12 - 0.49)                       | 0.05                | (0.01 - 0.21)                         | 0.56                | (0.25 - 1.25)                         | 0.22              | (0.10 - 0.48)                       | 0.26              | (0.13 - 0.53)                       |
| Idaho                | 0.33              | (0.18 - 0.61)                       | 0.06                | (0.03 - 0.15)                         | 0.58                | (0.28 - 1.20)                         | 0.32              | (0.16 - 0.63)                       | 0.36              | (0.19 - 0.67)                       |
| Illinois             | 0.25              | (0.15 - 0.43)                       | 0.04                | (0.01 - 0.10)                         | 0.45                | (0.25 - 0.83)                         | 0.25              | (0.14 - 0.44)                       | 0.27              | (0.16 - 0.47)                       |
| Indiana              | 0.64              | (0.38 - 1.06)                       | 0.07                | (0.03 - 0.16)                         | 1.26                | (0.69 - 2.31)                         | 0.60              | (0.34 - 1.04)                       | 0.70              | (0.42 - 1.17)                       |
| Iowa                 | 0.23              | (0.11 - 0.45)                       | 0.05                | (0.02 - 0.14)                         | 0.48                | (0.22 - 1.06)                         | 0.20              | (0.09 - 0.44)                       | 0.24              | (0.12 - 0.49)                       |
| Kansas               | 0.29              | (0.15 - 0.58)                       | 0.06                | (0.02 - 0.14)                         | 0.52                | (0.24 - 1.15)                         | 0.29              | (0.14 - 0.59)                       | 0.32              | (0.16 - 0.63)                       |
| Kentucky             | 0.37              | (0.20 - 0.69)                       | 0.05                | (0.02 - 0.14)                         | 0.67                | (0.34 - 1.33)                         | 0.36              | (0.19 - 0.71)                       | 0.41              | (0.22 - 0.75)                       |
| Louisiana            | 0.22              | (0.11 - 0.46)                       | 0.04                | (0.01 - 0.11)                         | 0.40                | (0.18 - 0.91)                         | 0.21              | (0.09 - 0.47)                       | 0.24              | (0.11 - 0.50)                       |
| Maine                | 0.51              | (0.30 - 0.86)                       | 0.05                | (0.02 - 0.14)                         | 1.24                | (0.70 - 2.20)                         | 0.45              | (0.25 - 0.81)                       | 0.55              | (0.32 - 0.92)                       |
| Maryland             | 0.54              | (0.31 - 0.91)                       | 0.05                | (0.02 - 0.14)                         | 1.03                | (0.54 - 1.95)                         | 0.52              | (0.29 - 0.91)                       | 0.58              | (0.34 - 1.00)                       |
| Massachusetts        | 0.42              | (0.22 - 0.79)                       | 0.03                | (0.01 - 0.12)                         | 0.62                | (0.29 - 1.31)                         | 0.43              | (0.22 - 0.84)                       | 0.46              | (0.24 - 0.86)                       |
| Michigan             | 0.31              | (0.19 - 0.51)                       | 0.06                | (0.02 - 0.14)                         | 0.52                | (0.28 - 0.95)                         | 0.30              | (0.18 - 0.52)                       | 0.33              | (0.20 - 0.55)                       |
| Minnesota            | 0.23              | (0.12 - 0.46)                       | 0.03                | (0.01 - 0.10)                         | 0.51                | (0.23 - 1.12)                         | 0.21              | (0.10 - 0.44)                       | 0.25              | (0.13 - 0.50)                       |
| Mississippi          | 0.21              | (0.10 - 0.43)                       | 0.01                | (0.00 - 0.09)                         | 0.42                | (0.19 - 0.93)                         | 0.20              | (0.09 - 0.43)                       | 0.23              | (0.11 - 0.48)                       |
| Missouri             | 0.30              | (0.16 - 0.56)                       | 0.04                | (0.02 - 0.12)                         | 0.54                | (0.25 - 1.18)                         | 0.29              | (0.15 - 0.56)                       | 0.32              | (0.17 - 0.61)                       |
| Montana              | 0.33              | (0.18 - 0.62)                       | 0.08                | (0.03 - 0.21)                         | 0.71                | (0.36 - 1.42)                         | 0.30              | (0.15 - 0.60)                       | 0.36              | (0.19 - 0.67)                       |

See notes at end of table.

(continued)

**Table 9 Heroin Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 0.22              | (0.10 - 0.47)                       | 0.07                | (0.02 - 0.19)                         | 0.40                | (0.17 - 0.93)                         | 0.21              | (0.09 - 0.49)                       | 0.24              | (0.11 - 0.52)                       |
| Nevada         | 0.50              | (0.27 - 0.90)                       | 0.09                | (0.03 - 0.26)                         | 1.16                | (0.59 - 2.25)                         | 0.45              | (0.23 - 0.87)                       | 0.54              | (0.29 - 0.98)                       |
| New Hampshire  | 0.68              | (0.41 - 1.12)                       | 0.09                | (0.04 - 0.23)                         | 1.43                | (0.82 - 2.49)                         | 0.62              | (0.35 - 1.09)                       | 0.73              | (0.44 - 1.21)                       |
| New Jersey     | 0.45              | (0.27 - 0.75)                       | 0.05                | (0.02 - 0.12)                         | 0.82                | (0.45 - 1.49)                         | 0.44              | (0.25 - 0.77)                       | 0.49              | (0.29 - 0.82)                       |
| New Mexico     | 0.34              | (0.19 - 0.63)                       | 0.10                | (0.04 - 0.25)                         | 0.81                | (0.41 - 1.60)                         | 0.29              | (0.15 - 0.58)                       | 0.37              | (0.20 - 0.69)                       |
| New York       | 0.30              | (0.18 - 0.49)                       | 0.04                | (0.01 - 0.10)                         | 0.46                | (0.26 - 0.82)                         | 0.30              | (0.17 - 0.51)                       | 0.32              | (0.19 - 0.53)                       |
| North Carolina | 0.45              | (0.28 - 0.73)                       | 0.04                | (0.01 - 0.13)                         | 0.96                | (0.54 - 1.71)                         | 0.42              | (0.24 - 0.72)                       | 0.49              | (0.30 - 0.80)                       |
| North Dakota   | 0.46              | (0.26 - 0.82)                       | 0.07                | (0.03 - 0.16)                         | 0.86                | (0.44 - 1.64)                         | 0.42              | (0.22 - 0.80)                       | 0.50              | (0.28 - 0.89)                       |
| Ohio           | 0.45              | (0.30 - 0.68)                       | 0.07                | (0.03 - 0.15)                         | 0.83                | (0.51 - 1.34)                         | 0.44              | (0.28 - 0.68)                       | 0.49              | (0.32 - 0.74)                       |
| Oklahoma       | 0.43              | (0.23 - 0.79)                       | 0.07                | (0.03 - 0.17)                         | 0.99                | (0.49 - 1.96)                         | 0.38              | (0.19 - 0.75)                       | 0.47              | (0.25 - 0.87)                       |
| Oregon         | 0.37              | (0.19 - 0.70)                       | 0.07                | (0.03 - 0.17)                         | 0.61                | (0.30 - 1.24)                         | 0.36              | (0.18 - 0.73)                       | 0.40              | (0.21 - 0.76)                       |
| Pennsylvania   | 0.58              | (0.40 - 0.85)                       | 0.08                | (0.03 - 0.18)                         | 1.04                | (0.67 - 1.61)                         | 0.57              | (0.37 - 0.86)                       | 0.63              | (0.43 - 0.92)                       |
| Rhode Island   | 0.43              | (0.23 - 0.81)                       | 0.06                | (0.03 - 0.15)                         | 0.69                | (0.34 - 1.41)                         | 0.43              | (0.22 - 0.84)                       | 0.47              | (0.25 - 0.87)                       |
| South Carolina | 0.19              | (0.09 - 0.39)                       | 0.04                | (0.01 - 0.11)                         | 0.40                | (0.17 - 0.91)                         | 0.17              | (0.08 - 0.38)                       | 0.20              | (0.10 - 0.43)                       |
| South Dakota   | 0.25              | (0.13 - 0.49)                       | 0.06                | (0.02 - 0.17)                         | 0.51                | (0.24 - 1.10)                         | 0.23              | (0.11 - 0.50)                       | 0.27              | (0.14 - 0.54)                       |
| Tennessee      | 0.34              | (0.19 - 0.62)                       | 0.05                | (0.02 - 0.13)                         | 0.66                | (0.32 - 1.35)                         | 0.32              | (0.17 - 0.62)                       | 0.37              | (0.20 - 0.68)                       |
| Texas          | 0.30              | (0.19 - 0.47)                       | 0.04                | (0.02 - 0.12)                         | 0.67                | (0.40 - 1.11)                         | 0.27              | (0.16 - 0.46)                       | 0.33              | (0.21 - 0.52)                       |
| Utah           | 0.37              | (0.20 - 0.67)                       | 0.04                | (0.02 - 0.12)                         | 0.58                | (0.28 - 1.24)                         | 0.38              | (0.20 - 0.72)                       | 0.41              | (0.22 - 0.76)                       |
| Vermont        | 0.48              | (0.27 - 0.86)                       | 0.08                | (0.03 - 0.19)                         | 1.05                | (0.54 - 2.03)                         | 0.42              | (0.22 - 0.80)                       | 0.51              | (0.28 - 0.92)                       |
| Virginia       | 0.36              | (0.21 - 0.61)                       | 0.02                | (0.00 - 0.10)                         | 0.72                | (0.40 - 1.30)                         | 0.34              | (0.19 - 0.61)                       | 0.39              | (0.23 - 0.67)                       |
| Washington     | 0.42              | (0.23 - 0.78)                       | 0.07                | (0.03 - 0.15)                         | 0.72                | (0.36 - 1.42)                         | 0.42              | (0.22 - 0.80)                       | 0.46              | (0.25 - 0.84)                       |
| West Virginia  | 0.69              | (0.42 - 1.12)                       | 0.05                | (0.01 - 0.17)                         | 1.45                | (0.83 - 2.51)                         | 0.64              | (0.37 - 1.11)                       | 0.75              | (0.45 - 1.22)                       |
| Wisconsin      | 0.37              | (0.20 - 0.69)                       | 0.06                | (0.03 - 0.15)                         | 0.69                | (0.34 - 1.40)                         | 0.35              | (0.18 - 0.69)                       | 0.40              | (0.21 - 0.75)                       |
| Wyoming        | 0.31              | (0.16 - 0.60)                       | 0.08                | (0.03 - 0.19)                         | 0.62                | (0.30 - 1.31)                         | 0.29              | (0.14 - 0.60)                       | 0.34              | (0.17 - 0.65)                       |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 10** *Perceptions of Great Risk from Trying Heroin Once or Twice, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs*

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 86.00             | (85.71 - 86.28)                     | 65.92               | (65.25 - 66.59)                       | 82.76               | (82.20 - 83.30)                       | 88.85             | (88.51 - 89.18)                     | 88.00             | (87.69 - 88.29)                     |
| Northeast            | 86.02             | (85.41 - 86.61)                     | 66.55               | (65.31 - 67.78)                       | 82.95               | (81.88 - 83.96)                       | 88.58             | (87.87 - 89.24)                     | 87.80             | (87.16 - 88.41)                     |
| Midwest              | 86.13             | (85.63 - 86.61)                     | 65.55               | (64.48 - 66.61)                       | 83.20               | (82.35 - 84.02)                       | 89.05             | (88.49 - 89.58)                     | 88.21             | (87.70 - 88.71)                     |
| South                | 87.44             | (87.02 - 87.84)                     | 67.09               | (66.10 - 68.07)                       | 83.90               | (83.13 - 84.63)                       | 90.42             | (89.94 - 90.87)                     | 89.51             | (89.08 - 89.93)                     |
| West                 | 83.57             | (82.95 - 84.16)                     | 63.93               | (62.67 - 65.18)                       | 80.48               | (79.31 - 81.59)                       | 86.39             | (85.67 - 87.07)                     | 85.54             | (84.89 - 86.17)                     |
| Alabama              | 88.31             | (86.84 - 89.63)                     | 67.42               | (63.74 - 70.89)                       | 85.69               | (83.01 - 88.01)                       | 91.16             | (89.49 - 92.59)                     | 90.40             | (88.85 - 91.74)                     |
| Alaska               | 83.35             | (81.40 - 85.12)                     | 63.59               | (60.05 - 67.00)                       | 81.02               | (77.88 - 83.80)                       | 86.28             | (83.99 - 88.28)                     | 85.52             | (83.42 - 87.39)                     |
| Arizona              | 86.57             | (84.72 - 88.23)                     | 66.92               | (63.24 - 70.41)                       | 84.37               | (81.33 - 87.00)                       | 89.31             | (87.18 - 91.12)                     | 88.60             | (86.64 - 90.31)                     |
| Arkansas             | 86.57             | (84.97 - 88.03)                     | 65.33               | (61.76 - 68.73)                       | 82.32               | (79.41 - 84.89)                       | 89.85             | (87.98 - 91.46)                     | 88.79             | (87.08 - 90.29)                     |
| California           | 83.56             | (82.58 - 84.50)                     | 64.20               | (62.17 - 66.19)                       | 80.44               | (78.60 - 82.16)                       | 86.35             | (85.20 - 87.43)                     | 85.49             | (84.44 - 86.49)                     |
| Colorado             | 83.12             | (81.25 - 84.83)                     | 62.01               | (58.15 - 65.72)                       | 79.58               | (76.24 - 82.57)                       | 86.13             | (84.01 - 88.01)                     | 85.21             | (83.22 - 87.00)                     |
| Connecticut          | 86.32             | (84.53 - 87.94)                     | 66.16               | (62.50 - 69.64)                       | 82.15               | (79.07 - 84.86)                       | 89.28             | (87.20 - 91.07)                     | 88.28             | (86.37 - 89.96)                     |
| Delaware             | 87.19             | (85.56 - 88.66)                     | 66.91               | (63.19 - 70.44)                       | 84.25               | (81.30 - 86.81)                       | 89.78             | (87.93 - 91.37)                     | 89.06             | (87.34 - 90.57)                     |
| District of Columbia | 82.28             | (80.07 - 84.29)                     | 65.64               | (61.77 - 69.31)                       | 77.54               | (73.79 - 80.89)                       | 84.29             | (81.79 - 86.49)                     | 83.18             | (80.88 - 85.26)                     |
| Florida              | 89.00             | (88.05 - 89.89)                     | 67.56               | (65.41 - 69.64)                       | 84.15               | (82.27 - 85.87)                       | 91.74             | (90.66 - 92.71)                     | 90.83             | (89.82 - 91.75)                     |
| Georgia              | 88.64             | (87.35 - 89.82)                     | 70.97               | (67.94 - 73.83)                       | 86.24               | (83.90 - 88.29)                       | 91.33             | (89.81 - 92.65)                     | 90.60             | (89.20 - 91.83)                     |
| Hawaii               | 82.41             | (80.30 - 84.34)                     | 62.18               | (58.32 - 65.89)                       | 80.72               | (77.42 - 83.64)                       | 84.68             | (82.22 - 86.85)                     | 84.20             | (81.93 - 86.22)                     |
| Idaho                | 85.00             | (83.30 - 86.56)                     | 66.98               | (63.55 - 70.24)                       | 79.97               | (76.71 - 82.88)                       | 88.34             | (86.37 - 90.06)                     | 87.15             | (85.32 - 88.78)                     |
| Illinois             | 86.10             | (84.91 - 87.21)                     | 64.51               | (61.89 - 67.05)                       | 84.00               | (81.92 - 85.88)                       | 89.00             | (87.66 - 90.22)                     | 88.30             | (87.06 - 89.45)                     |
| Indiana              | 86.63             | (85.00 - 88.11)                     | 65.84               | (62.31 - 69.20)                       | 84.35               | (81.41 - 86.90)                       | 89.63             | (87.79 - 91.22)                     | 88.84             | (87.12 - 90.36)                     |
| Iowa                 | 83.64             | (81.68 - 85.42)                     | 62.86               | (59.31 - 66.28)                       | 79.56               | (76.13 - 82.62)                       | 86.85             | (84.56 - 88.84)                     | 85.74             | (83.65 - 87.60)                     |
| Kansas               | 85.17             | (83.48 - 86.72)                     | 64.65               | (61.11 - 68.03)                       | 83.11               | (80.10 - 85.75)                       | 88.19             | (86.24 - 89.90)                     | 87.42             | (85.61 - 89.03)                     |
| Kentucky             | 88.12             | (86.54 - 89.54)                     | 68.30               | (64.88 - 71.53)                       | 84.46               | (81.47 - 87.05)                       | 91.02             | (89.25 - 92.51)                     | 90.10             | (88.44 - 91.54)                     |
| Louisiana            | 87.54             | (85.95 - 88.97)                     | 66.18               | (62.66 - 69.52)                       | 83.82               | (80.74 - 86.49)                       | 90.74             | (88.94 - 92.26)                     | 89.75             | (88.07 - 91.22)                     |
| Maine                | 87.04             | (85.37 - 88.54)                     | 65.70               | (62.26 - 68.99)                       | 84.65               | (81.71 - 87.19)                       | 89.37             | (87.46 - 91.02)                     | 88.81             | (87.02 - 90.38)                     |
| Maryland             | 86.31             | (84.62 - 87.84)                     | 68.00               | (64.38 - 71.42)                       | 81.96               | (79.01 - 84.58)                       | 89.03             | (87.09 - 90.70)                     | 88.09             | (86.30 - 89.67)                     |
| Massachusetts        | 85.06             | (83.18 - 86.76)                     | 66.02               | (62.34 - 69.51)                       | 81.07               | (77.91 - 83.88)                       | 87.71             | (85.56 - 89.59)                     | 86.74             | (84.75 - 88.50)                     |
| Michigan             | 86.39             | (85.27 - 87.43)                     | 63.98               | (61.38 - 66.50)                       | 83.21               | (81.26 - 85.00)                       | 89.52             | (88.20 - 90.71)                     | 88.61             | (87.42 - 89.70)                     |
| Minnesota            | 82.32             | (80.29 - 84.18)                     | 61.45               | (57.79 - 65.00)                       | 79.72               | (76.62 - 82.51)                       | 85.18             | (82.79 - 87.28)                     | 84.43             | (82.26 - 86.37)                     |
| Mississippi          | 87.97             | (86.45 - 89.34)                     | 67.67               | (64.17 - 70.98)                       | 84.57               | (81.64 - 87.10)                       | 91.14             | (89.46 - 92.58)                     | 90.17             | (88.57 - 91.56)                     |
| Missouri             | 86.92             | (85.33 - 88.37)                     | 68.46               | (64.97 - 71.77)                       | 83.18               | (80.18 - 85.81)                       | 89.67             | (87.87 - 91.23)                     | 88.76             | (87.07 - 90.26)                     |
| Montana              | 85.44             | (83.70 - 87.03)                     | 64.59               | (60.95 - 68.06)                       | 81.51               | (78.55 - 84.14)                       | 88.28             | (86.28 - 90.02)                     | 87.34             | (85.50 - 88.98)                     |

See notes at end of table.

(continued)

**Table 10 Perceptions of Great Risk from Trying Heroin Once or Twice, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 84.02             | (82.25 - 85.64)                     | 63.15               | (59.65 - 66.52)                       | 79.32               | (75.93 - 82.34)                       | 87.50             | (85.43 - 89.32)                     | 86.26             | (84.36 - 87.97)                     |
| Nevada         | 84.05             | (82.05 - 85.87)                     | 63.18               | (59.45 - 66.77)                       | 81.30               | (78.02 - 84.19)                       | 86.82             | (84.52 - 88.83)                     | 86.12             | (83.98 - 88.02)                     |
| New Hampshire  | 86.58             | (84.87 - 88.12)                     | 67.27               | (63.79 - 70.58)                       | 82.08               | (78.89 - 84.89)                       | 89.25             | (87.34 - 90.90)                     | 88.29             | (86.49 - 89.88)                     |
| New Jersey     | 86.64             | (85.15 - 88.00)                     | 68.23               | (65.16 - 71.16)                       | 83.66               | (81.01 - 86.01)                       | 89.17             | (87.45 - 90.67)                     | 88.45             | (86.87 - 89.87)                     |
| New Mexico     | 84.96             | (83.13 - 86.63)                     | 66.18               | (62.73 - 69.46)                       | 81.90               | (78.74 - 84.67)                       | 87.76             | (85.60 - 89.63)                     | 86.92             | (84.94 - 88.68)                     |
| New York       | 85.22             | (84.12 - 86.26)                     | 65.92               | (63.65 - 68.12)                       | 82.54               | (80.58 - 84.34)                       | 87.67             | (86.36 - 88.87)                     | 86.95             | (85.77 - 88.05)                     |
| North Carolina | 87.00             | (85.68 - 88.22)                     | 64.58               | (61.48 - 67.56)                       | 83.23               | (80.62 - 85.55)                       | 90.22             | (88.72 - 91.54)                     | 89.27             | (87.86 - 90.52)                     |
| North Dakota   | 84.16             | (82.39 - 85.78)                     | 65.28               | (61.97 - 68.45)                       | 79.74               | (76.46 - 82.66)                       | 87.14             | (85.09 - 88.94)                     | 85.86             | (83.97 - 87.57)                     |
| Ohio           | 88.80             | (87.78 - 89.75)                     | 70.79               | (68.37 - 73.10)                       | 86.53               | (84.61 - 88.25)                       | 91.25             | (90.07 - 92.31)                     | 90.60             | (89.52 - 91.59)                     |
| Oklahoma       | 84.64             | (82.77 - 86.35)                     | 66.04               | (62.36 - 69.53)                       | 83.19               | (80.30 - 85.73)                       | 87.24             | (85.01 - 89.18)                     | 86.64             | (84.63 - 88.43)                     |
| Oregon         | 81.07             | (79.07 - 82.92)                     | 60.73               | (57.12 - 64.23)                       | 77.33               | (73.94 - 80.39)                       | 83.72             | (81.40 - 85.81)                     | 82.89             | (80.76 - 84.82)                     |
| Pennsylvania   | 87.26             | (86.13 - 88.31)                     | 67.00               | (64.52 - 69.39)                       | 84.70               | (82.64 - 86.54)                       | 89.79             | (88.48 - 90.97)                     | 89.11             | (87.90 - 90.21)                     |
| Rhode Island   | 84.99             | (83.17 - 86.64)                     | 63.68               | (59.93 - 67.27)                       | 81.28               | (77.98 - 84.19)                       | 87.84             | (85.77 - 89.63)                     | 86.83             | (84.91 - 88.55)                     |
| South Carolina | 87.94             | (86.44 - 89.30)                     | 67.90               | (64.44 - 71.17)                       | 83.81               | (80.99 - 86.28)                       | 90.81             | (89.09 - 92.27)                     | 89.86             | (88.26 - 91.26)                     |
| South Dakota   | 84.13             | (82.37 - 85.74)                     | 63.21               | (59.63 - 66.65)                       | 81.40               | (78.30 - 84.15)                       | 87.15             | (85.10 - 88.94)                     | 86.31             | (84.44 - 87.99)                     |
| Tennessee      | 86.71             | (85.14 - 88.13)                     | 65.28               | (61.71 - 68.69)                       | 82.90               | (79.98 - 85.47)                       | 89.77             | (87.95 - 91.34)                     | 88.83             | (87.14 - 90.31)                     |
| Texas          | 86.97             | (86.04 - 87.85)                     | 66.87               | (64.61 - 69.05)                       | 84.45               | (82.62 - 86.11)                       | 90.23             | (89.15 - 91.22)                     | 89.35             | (88.35 - 90.27)                     |
| Utah           | 83.91             | (82.19 - 85.49)                     | 66.40               | (62.73 - 69.88)                       | 81.75               | (78.63 - 84.50)                       | 87.36             | (85.37 - 89.11)                     | 86.33             | (84.50 - 87.97)                     |
| Vermont        | 84.69             | (82.76 - 86.45)                     | 64.37               | (60.79 - 67.79)                       | 80.56               | (76.94 - 83.73)                       | 87.38             | (85.16 - 89.31)                     | 86.37             | (84.30 - 88.20)                     |
| Virginia       | 85.61             | (84.15 - 86.96)                     | 65.92               | (62.90 - 68.82)                       | 81.02               | (78.39 - 83.40)                       | 88.56             | (86.87 - 90.06)                     | 87.52             | (85.96 - 88.93)                     |
| Washington     | 81.28             | (79.19 - 83.20)                     | 60.23               | (56.50 - 63.84)                       | 77.58               | (74.04 - 80.76)                       | 84.13             | (81.69 - 86.30)                     | 83.26             | (81.02 - 85.28)                     |
| West Virginia  | 89.63             | (88.20 - 90.90)                     | 66.33               | (62.73 - 69.76)                       | 85.50               | (82.64 - 87.97)                       | 92.58             | (90.98 - 93.91)                     | 91.67             | (90.17 - 92.96)                     |
| Wisconsin      | 85.62             | (83.91 - 87.18)                     | 63.76               | (60.32 - 67.06)                       | 81.11               | (78.00 - 83.87)                       | 88.88             | (86.92 - 90.58)                     | 87.78             | (85.95 - 89.41)                     |
| Wyoming        | 85.71             | (84.00 - 87.26)                     | 64.45               | (60.81 - 67.93)                       | 82.17               | (79.18 - 84.81)                       | 88.74             | (86.77 - 90.45)                     | 87.83             | (86.01 - 89.45)                     |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 11 Methamphetamine Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 0.56              | (0.51 - 0.62)                       | 0.16                | (0.12 - 0.22)                         | 0.93                | (0.80 - 1.08)                         | 0.55              | (0.48 - 0.61)                       | 0.60              | (0.54 - 0.66)                       |
| Northeast            | 0.28              | (0.20 - 0.40)                       | 0.10                | (0.05 - 0.20)                         | 0.47                | (0.31 - 0.69)                         | 0.28              | (0.19 - 0.40)                       | 0.30              | (0.22 - 0.42)                       |
| Midwest              | 0.51              | (0.42 - 0.61)                       | 0.16                | (0.10 - 0.25)                         | 0.95                | (0.74 - 1.21)                         | 0.47              | (0.38 - 0.59)                       | 0.54              | (0.45 - 0.65)                       |
| South                | 0.56              | (0.47 - 0.66)                       | 0.16                | (0.10 - 0.25)                         | 0.96                | (0.77 - 1.20)                         | 0.54              | (0.45 - 0.66)                       | 0.60              | (0.51 - 0.71)                       |
| West                 | 0.81              | (0.67 - 0.98)                       | 0.21                | (0.13 - 0.34)                         | 1.20                | (0.92 - 1.55)                         | 0.82              | (0.66 - 1.02)                       | 0.87              | (0.72 - 1.05)                       |
| Alabama              | 0.78              | (0.48 - 1.26)                       | 0.24                | (0.11 - 0.52)                         | 1.12                | (0.66 - 1.89)                         | 0.79              | (0.45 - 1.38)                       | 0.83              | (0.51 - 1.36)                       |
| Alaska               | 0.84              | (0.51 - 1.38)                       | 0.24                | (0.10 - 0.56)                         | 1.10                | (0.61 - 1.98)                         | 0.87              | (0.49 - 1.55)                       | 0.90              | (0.54 - 1.49)                       |
| Arizona              | 0.66              | (0.39 - 1.11)                       | 0.16                | (0.07 - 0.38)                         | 1.30                | (0.76 - 2.21)                         | 0.61              | (0.32 - 1.16)                       | 0.71              | (0.42 - 1.21)                       |
| Arkansas             | 0.92              | (0.57 - 1.50)                       | 0.26                | (0.12 - 0.57)                         | 1.59                | (0.98 - 2.58)                         | 0.90              | (0.50 - 1.59)                       | 0.99              | (0.61 - 1.62)                       |
| California           | 0.81              | (0.61 - 1.07)                       | 0.20                | (0.10 - 0.38)                         | 0.96                | (0.63 - 1.47)                         | 0.85              | (0.61 - 1.18)                       | 0.87              | (0.65 - 1.16)                       |
| Colorado             | 0.85              | (0.55 - 1.32)                       | 0.22                | (0.11 - 0.47)                         | 1.34                | (0.82 - 2.19)                         | 0.84              | (0.50 - 1.40)                       | 0.91              | (0.59 - 1.41)                       |
| Connecticut          | 0.29              | (0.15 - 0.56)                       | 0.09                | (0.03 - 0.26)                         | 0.45                | (0.24 - 0.85)                         | 0.29              | (0.13 - 0.62)                       | 0.31              | (0.16 - 0.60)                       |
| Delaware             | 0.40              | (0.21 - 0.74)                       | 0.18                | (0.08 - 0.42)                         | 0.37                | (0.18 - 0.79)                         | 0.43              | (0.21 - 0.85)                       | 0.42              | (0.22 - 0.79)                       |
| District of Columbia | 0.22              | (0.10 - 0.48)                       | 0.07                | (0.02 - 0.25)                         | 0.11                | (0.03 - 0.36)                         | 0.25              | (0.11 - 0.57)                       | 0.23              | (0.11 - 0.50)                       |
| Florida              | 0.47              | (0.32 - 0.70)                       | 0.15                | (0.08 - 0.29)                         | 0.75                | (0.47 - 1.18)                         | 0.47              | (0.29 - 0.74)                       | 0.50              | (0.33 - 0.75)                       |
| Georgia              | 0.54              | (0.33 - 0.90)                       | 0.17                | (0.08 - 0.36)                         | 0.59                | (0.35 - 0.99)                         | 0.59              | (0.34 - 1.02)                       | 0.59              | (0.35 - 0.97)                       |
| Hawaii               | 0.75              | (0.45 - 1.25)                       | 0.35                | (0.14 - 0.90)                         | 0.94                | (0.51 - 1.73)                         | 0.77              | (0.43 - 1.36)                       | 0.79              | (0.47 - 1.32)                       |
| Idaho                | 0.87              | (0.55 - 1.37)                       | 0.33                | (0.14 - 0.74)                         | 1.57                | (0.97 - 2.54)                         | 0.83              | (0.48 - 1.43)                       | 0.94              | (0.59 - 1.48)                       |
| Illinois             | 0.28              | (0.16 - 0.49)                       | 0.09                | (0.03 - 0.22)                         | 0.39                | (0.21 - 0.73)                         | 0.28              | (0.15 - 0.54)                       | 0.30              | (0.17 - 0.52)                       |
| Indiana              | 0.58              | (0.35 - 0.96)                       | 0.19                | (0.08 - 0.44)                         | 1.21                | (0.75 - 1.95)                         | 0.52              | (0.27 - 0.98)                       | 0.62              | (0.38 - 1.03)                       |
| Iowa                 | 0.56              | (0.34 - 0.92)                       | 0.15                | (0.06 - 0.34)                         | 1.12                | (0.67 - 1.88)                         | 0.50              | (0.27 - 0.94)                       | 0.60              | (0.36 - 0.99)                       |
| Kansas               | 0.82              | (0.51 - 1.33)                       | 0.20                | (0.09 - 0.44)                         | 1.51                | (0.94 - 2.41)                         | 0.78              | (0.43 - 1.41)                       | 0.89              | (0.55 - 1.44)                       |
| Kentucky             | 0.94              | (0.59 - 1.49)                       | 0.22                | (0.10 - 0.48)                         | 1.89                | (1.21 - 2.93)                         | 0.87              | (0.49 - 1.53)                       | 1.01              | (0.64 - 1.61)                       |
| Louisiana            | 0.44              | (0.25 - 0.77)                       | 0.14                | (0.06 - 0.33)                         | 0.67                | (0.38 - 1.18)                         | 0.44              | (0.23 - 0.84)                       | 0.47              | (0.27 - 0.83)                       |
| Maine                | 0.42              | (0.24 - 0.75)                       | 0.12                | (0.04 - 0.38)                         | 1.17                | (0.66 - 2.07)                         | 0.35              | (0.17 - 0.73)                       | 0.45              | (0.25 - 0.80)                       |
| Maryland             | 0.25              | (0.13 - 0.50)                       | 0.09                | (0.03 - 0.26)                         | 0.32                | (0.16 - 0.65)                         | 0.26              | (0.12 - 0.56)                       | 0.27              | (0.14 - 0.53)                       |
| Massachusetts        | 0.33              | (0.18 - 0.63)                       | 0.13                | (0.05 - 0.31)                         | 0.33                | (0.16 - 0.65)                         | 0.36              | (0.17 - 0.72)                       | 0.35              | (0.18 - 0.67)                       |
| Michigan             | 0.41              | (0.27 - 0.62)                       | 0.14                | (0.07 - 0.28)                         | 0.76                | (0.48 - 1.19)                         | 0.38              | (0.23 - 0.62)                       | 0.44              | (0.29 - 0.66)                       |
| Minnesota            | 0.76              | (0.47 - 1.23)                       | 0.27                | (0.12 - 0.61)                         | 1.22                | (0.72 - 2.06)                         | 0.74              | (0.42 - 1.31)                       | 0.81              | (0.50 - 1.31)                       |
| Mississippi          | 0.61              | (0.36 - 1.03)                       | 0.14                | (0.06 - 0.34)                         | 0.95                | (0.55 - 1.66)                         | 0.61              | (0.32 - 1.14)                       | 0.66              | (0.39 - 1.12)                       |
| Missouri             | 0.88              | (0.55 - 1.42)                       | 0.29                | (0.13 - 0.62)                         | 1.32                | (0.79 - 2.21)                         | 0.88              | (0.51 - 1.53)                       | 0.94              | (0.58 - 1.52)                       |
| Montana              | 0.68              | (0.42 - 1.12)                       | 0.17                | (0.07 - 0.37)                         | 1.62                | (1.00 - 2.63)                         | 0.59              | (0.31 - 1.11)                       | 0.73              | (0.44 - 1.20)                       |

See notes at end of table.

(continued)



**Table 11 *Methamphetamine Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs***  
(continued)

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 0.52              | (0.31 - 0.87)                       | 0.14                | (0.06 - 0.33)                         | 1.14                | (0.67 - 1.91)                         | 0.45              | (0.24 - 0.87)                       | 0.56              | (0.33 - 0.94)                       |
| Nevada         | 0.89              | (0.53 - 1.49)                       | 0.23                | (0.10 - 0.54)                         | 1.87                | (1.10 - 3.15)                         | 0.83              | (0.44 - 1.55)                       | 0.96              | (0.57 - 1.60)                       |
| New Hampshire  | 0.66              | (0.40 - 1.07)                       | 0.20                | (0.08 - 0.47)                         | 1.31                | (0.77 - 2.23)                         | 0.60              | (0.33 - 1.10)                       | 0.70              | (0.43 - 1.14)                       |
| New Jersey     | 0.24              | (0.12 - 0.48)                       | 0.08                | (0.03 - 0.25)                         | 0.35                | (0.17 - 0.71)                         | 0.25              | (0.11 - 0.53)                       | 0.26              | (0.13 - 0.51)                       |
| New Mexico     | 1.19              | (0.75 - 1.87)                       | 0.31                | (0.13 - 0.74)                         | 2.25                | (1.33 - 3.76)                         | 1.12              | (0.64 - 1.95)                       | 1.28              | (0.81 - 2.02)                       |
| New York       | 0.20              | (0.11 - 0.37)                       | 0.08                | (0.03 - 0.24)                         | 0.27                | (0.13 - 0.56)                         | 0.20              | (0.10 - 0.40)                       | 0.21              | (0.11 - 0.39)                       |
| North Carolina | 0.63              | (0.40 - 0.99)                       | 0.18                | (0.09 - 0.38)                         | 0.83                | (0.51 - 1.33)                         | 0.65              | (0.39 - 1.08)                       | 0.68              | (0.43 - 1.06)                       |
| North Dakota   | 0.96              | (0.61 - 1.51)                       | 0.29                | (0.13 - 0.64)                         | 1.81                | (1.10 - 2.96)                         | 0.86              | (0.48 - 1.51)                       | 1.02              | (0.65 - 1.61)                       |
| Ohio           | 0.36              | (0.22 - 0.58)                       | 0.10                | (0.04 - 0.26)                         | 0.83                | (0.52 - 1.35)                         | 0.31              | (0.17 - 0.57)                       | 0.39              | (0.24 - 0.62)                       |
| Oklahoma       | 0.77              | (0.48 - 1.24)                       | 0.22                | (0.10 - 0.46)                         | 1.75                | (1.10 - 2.76)                         | 0.68              | (0.38 - 1.22)                       | 0.84              | (0.52 - 1.34)                       |
| Oregon         | 1.00              | (0.64 - 1.54)                       | 0.27                | (0.13 - 0.55)                         | 1.80                | (1.14 - 2.84)                         | 0.95              | (0.56 - 1.60)                       | 1.06              | (0.68 - 1.65)                       |
| Pennsylvania   | 0.34              | (0.22 - 0.55)                       | 0.11                | (0.04 - 0.25)                         | 0.75                | (0.47 - 1.19)                         | 0.31              | (0.17 - 0.55)                       | 0.37              | (0.23 - 0.59)                       |
| Rhode Island   | 0.39              | (0.21 - 0.73)                       | 0.15                | (0.06 - 0.35)                         | 0.44                | (0.22 - 0.86)                         | 0.40              | (0.20 - 0.82)                       | 0.41              | (0.22 - 0.77)                       |
| South Carolina | 0.58              | (0.35 - 0.96)                       | 0.17                | (0.08 - 0.40)                         | 1.10                | (0.68 - 1.78)                         | 0.55              | (0.30 - 1.01)                       | 0.62              | (0.37 - 1.03)                       |
| South Dakota   | 0.88              | (0.54 - 1.42)                       | 0.30                | (0.14 - 0.65)                         | 1.62                | (1.00 - 2.60)                         | 0.82              | (0.45 - 1.49)                       | 0.94              | (0.58 - 1.52)                       |
| Tennessee      | 0.55              | (0.32 - 0.93)                       | 0.16                | (0.07 - 0.35)                         | 1.07                | (0.63 - 1.80)                         | 0.51              | (0.27 - 0.97)                       | 0.58              | (0.34 - 1.00)                       |
| Texas          | 0.56              | (0.40 - 0.80)                       | 0.13                | (0.06 - 0.27)                         | 1.12                | (0.75 - 1.68)                         | 0.52              | (0.34 - 0.81)                       | 0.62              | (0.43 - 0.87)                       |
| Utah           | 0.81              | (0.50 - 1.29)                       | 0.20                | (0.09 - 0.44)                         | 1.38                | (0.85 - 2.24)                         | 0.78              | (0.44 - 1.39)                       | 0.89              | (0.56 - 1.43)                       |
| Vermont        | 0.49              | (0.28 - 0.87)                       | 0.13                | (0.05 - 0.35)                         | 1.27                | (0.73 - 2.20)                         | 0.39              | (0.18 - 0.85)                       | 0.53              | (0.30 - 0.93)                       |
| Virginia       | 0.37              | (0.22 - 0.63)                       | 0.11                | (0.05 - 0.28)                         | 0.69                | (0.40 - 1.16)                         | 0.35              | (0.19 - 0.66)                       | 0.40              | (0.23 - 0.68)                       |
| Washington     | 0.73              | (0.45 - 1.20)                       | 0.19                | (0.09 - 0.41)                         | 1.20                | (0.74 - 1.91)                         | 0.72              | (0.40 - 1.29)                       | 0.78              | (0.48 - 1.28)                       |
| West Virginia  | 0.85              | (0.54 - 1.34)                       | 0.27                | (0.12 - 0.58)                         | 2.02                | (1.29 - 3.14)                         | 0.74              | (0.42 - 1.31)                       | 0.90              | (0.57 - 1.43)                       |
| Wisconsin      | 0.45              | (0.26 - 0.76)                       | 0.13                | (0.05 - 0.31)                         | 1.08                | (0.65 - 1.80)                         | 0.38              | (0.20 - 0.75)                       | 0.48              | (0.28 - 0.82)                       |
| Wyoming        | 0.81              | (0.51 - 1.28)                       | 0.23                | (0.11 - 0.49)                         | 1.58                | (0.97 - 2.55)                         | 0.75              | (0.43 - 1.32)                       | 0.86              | (0.54 - 1.38)                       |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 12 Pain Reliever Misuse in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 4.17              | (4.03 - 4.32)                       | 3.31                | (3.08 - 3.55)                         | 7.13                | (6.77 - 7.51)                         | 3.79              | (3.63 - 3.96)                       | 4.26              | (4.10 - 4.42)                       |
| Northeast            | 3.77              | (3.49 - 4.07)                       | 2.63                | (2.25 - 3.07)                         | 6.62                | (6.03 - 7.27)                         | 3.44              | (3.12 - 3.79)                       | 3.88              | (3.58 - 4.20)                       |
| Midwest              | 4.26              | (4.02 - 4.50)                       | 3.38                | (3.04 - 3.75)                         | 7.44                | (6.92 - 8.00)                         | 3.83              | (3.56 - 4.13)                       | 4.35              | (4.09 - 4.61)                       |
| South                | 4.12              | (3.91 - 4.34)                       | 3.40                | (3.08 - 3.75)                         | 7.16                | (6.71 - 7.64)                         | 3.72              | (3.47 - 3.98)                       | 4.19              | (3.97 - 4.43)                       |
| West                 | 4.48              | (4.18 - 4.81)                       | 3.56                | (3.12 - 4.06)                         | 7.20                | (6.56 - 7.89)                         | 4.14              | (3.78 - 4.53)                       | 4.58              | (4.25 - 4.93)                       |
| Alabama              | 4.53              | (3.81 - 5.37)                       | 4.24                | (3.13 - 5.72)                         | 8.11                | (6.57 - 9.98)                         | 3.98              | (3.18 - 4.97)                       | 4.56              | (3.80 - 5.45)                       |
| Alaska               | 4.81              | (4.03 - 5.73)                       | 3.65                | (2.70 - 4.92)                         | 8.02                | (6.42 - 9.97)                         | 4.42              | (3.53 - 5.53)                       | 4.94              | (4.10 - 5.93)                       |
| Arizona              | 4.27              | (3.52 - 5.18)                       | 3.41                | (2.49 - 4.65)                         | 7.44                | (5.98 - 9.22)                         | 3.85              | (2.99 - 4.95)                       | 4.36              | (3.55 - 5.34)                       |
| Arkansas             | 5.03              | (4.21 - 6.01)                       | 4.11                | (3.03 - 5.54)                         | 7.44                | (5.95 - 9.27)                         | 4.75              | (3.80 - 5.93)                       | 5.13              | (4.26 - 6.18)                       |
| California           | 4.30              | (3.86 - 4.79)                       | 3.61                | (2.97 - 4.37)                         | 6.77                | (5.83 - 7.86)                         | 3.97              | (3.45 - 4.55)                       | 4.37              | (3.90 - 4.90)                       |
| Colorado             | 4.87              | (4.07 - 5.83)                       | 3.86                | (2.81 - 5.27)                         | 8.36                | (6.71 - 10.38)                        | 4.43              | (3.51 - 5.56)                       | 4.98              | (4.13 - 5.99)                       |
| Connecticut          | 4.21              | (3.49 - 5.08)                       | 3.23                | (2.38 - 4.38)                         | 7.52                | (6.02 - 9.36)                         | 3.79              | (2.96 - 4.83)                       | 4.31              | (3.54 - 5.24)                       |
| Delaware             | 4.23              | (3.50 - 5.10)                       | 2.89                | (2.10 - 3.96)                         | 6.90                | (5.49 - 8.65)                         | 3.98              | (3.15 - 5.00)                       | 4.35              | (3.58 - 5.28)                       |
| District of Columbia | 4.39              | (3.61 - 5.32)                       | 3.91                | (2.75 - 5.54)                         | 6.86                | (5.44 - 8.61)                         | 3.94              | (3.08 - 5.03)                       | 4.42              | (3.62 - 5.38)                       |
| Florida              | 4.18              | (3.66 - 4.78)                       | 3.44                | (2.80 - 4.23)                         | 6.58                | (5.61 - 7.71)                         | 3.93              | (3.32 - 4.64)                       | 4.25              | (3.69 - 4.89)                       |
| Georgia              | 3.61              | (3.02 - 4.31)                       | 2.74                | (1.97 - 3.78)                         | 6.47                | (5.20 - 8.02)                         | 3.24              | (2.57 - 4.08)                       | 3.71              | (3.08 - 4.46)                       |
| Hawaii               | 3.32              | (2.70 - 4.08)                       | 2.66                | (1.87 - 3.77)                         | 6.27                | (4.93 - 7.94)                         | 2.99              | (2.29 - 3.88)                       | 3.38              | (2.72 - 4.19)                       |
| Idaho                | 4.25              | (3.54 - 5.09)                       | 3.45                | (2.56 - 4.64)                         | 7.20                | (5.80 - 8.92)                         | 3.87              | (3.05 - 4.90)                       | 4.34              | (3.58 - 5.26)                       |
| Illinois             | 3.70              | (3.22 - 4.24)                       | 3.24                | (2.54 - 4.11)                         | 7.12                | (5.99 - 8.44)                         | 3.20              | (2.65 - 3.85)                       | 3.74              | (3.23 - 4.33)                       |
| Indiana              | 4.83              | (4.06 - 5.72)                       | 3.69                | (2.69 - 5.04)                         | 8.82                | (7.13 - 10.86)                        | 4.27              | (3.40 - 5.35)                       | 4.95              | (4.14 - 5.91)                       |
| Iowa                 | 4.19              | (3.48 - 5.05)                       | 3.17                | (2.34 - 4.29)                         | 7.55                | (6.07 - 9.34)                         | 3.72              | (2.91 - 4.74)                       | 4.30              | (3.54 - 5.22)                       |
| Kansas               | 4.58              | (3.84 - 5.44)                       | 3.59                | (2.67 - 4.82)                         | 7.49                | (6.04 - 9.24)                         | 4.18              | (3.34 - 5.22)                       | 4.69              | (3.90 - 5.62)                       |
| Kentucky             | 4.34              | (3.60 - 5.23)                       | 3.40                | (2.52 - 4.56)                         | 7.43                | (5.99 - 9.19)                         | 3.95              | (3.11 - 5.02)                       | 4.44              | (3.66 - 5.38)                       |
| Louisiana            | 4.12              | (3.41 - 4.97)                       | 3.00                | (2.16 - 4.16)                         | 6.83                | (5.41 - 8.60)                         | 3.81              | (2.99 - 4.85)                       | 4.24              | (3.48 - 5.15)                       |
| Maine                | 3.94              | (3.23 - 4.79)                       | 2.70                | (1.97 - 3.69)                         | 7.37                | (5.96 - 9.08)                         | 3.60              | (2.80 - 4.60)                       | 4.04              | (3.29 - 4.95)                       |
| Maryland             | 3.90              | (3.25 - 4.68)                       | 3.05                | (2.23 - 4.15)                         | 7.32                | (5.88 - 9.07)                         | 3.47              | (2.74 - 4.39)                       | 3.98              | (3.29 - 4.82)                       |
| Massachusetts        | 3.60              | (2.93 - 4.43)                       | 2.58                | (1.85 - 3.61)                         | 6.08                | (4.76 - 7.73)                         | 3.29              | (2.52 - 4.27)                       | 3.70              | (2.98 - 4.57)                       |
| Michigan             | 4.37              | (3.83 - 5.00)                       | 3.50                | (2.79 - 4.38)                         | 7.10                | (6.04 - 8.33)                         | 4.02              | (3.38 - 4.78)                       | 4.46              | (3.87 - 5.14)                       |
| Minnesota            | 4.19              | (3.48 - 5.04)                       | 3.17                | (2.35 - 4.27)                         | 6.36                | (5.02 - 8.02)                         | 3.97              | (3.15 - 5.00)                       | 4.30              | (3.53 - 5.22)                       |
| Mississippi          | 4.25              | (3.55 - 5.07)                       | 4.31                | (3.19 - 5.80)                         | 7.30                | (5.80 - 9.15)                         | 3.71              | (2.93 - 4.68)                       | 4.24              | (3.51 - 5.12)                       |
| Missouri             | 4.31              | (3.60 - 5.15)                       | 3.53                | (2.63 - 4.71)                         | 7.14                | (5.73 - 8.86)                         | 3.94              | (3.13 - 4.95)                       | 4.39              | (3.63 - 5.29)                       |
| Montana              | 4.55              | (3.80 - 5.44)                       | 3.43                | (2.54 - 4.60)                         | 8.17                | (6.65 - 10.00)                        | 4.09              | (3.24 - 5.14)                       | 4.65              | (3.86 - 5.60)                       |

See notes at end of table.

(continued)

**Table 12 *Pain Reliever Misuse in the Past Year*, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 3.76              | (3.08 - 4.58)                       | 2.98                | (2.16 - 4.10)                         | 7.18                | (5.74 - 8.95)                         | 3.25              | (2.49 - 4.23)                       | 3.84              | (3.13 - 4.72)                       |
| Nevada         | 4.97              | (4.09 - 6.03)                       | 3.78                | (2.76 - 5.15)                         | 8.07                | (6.47 - 10.04)                        | 4.66              | (3.66 - 5.92)                       | 5.09              | (4.15 - 6.22)                       |
| New Hampshire  | 4.22              | (3.50 - 5.08)                       | 3.00                | (2.20 - 4.08)                         | 7.06                | (5.68 - 8.76)                         | 3.91              | (3.09 - 4.94)                       | 4.33              | (3.57 - 5.25)                       |
| New Jersey     | 3.57              | (2.99 - 4.26)                       | 2.46                | (1.79 - 3.38)                         | 6.52                | (5.27 - 8.04)                         | 3.26              | (2.61 - 4.07)                       | 3.68              | (3.06 - 4.41)                       |
| New Mexico     | 4.15              | (3.45 - 5.00)                       | 3.32                | (2.43 - 4.51)                         | 7.76                | (6.20 - 9.67)                         | 3.66              | (2.86 - 4.68)                       | 4.24              | (3.49 - 5.15)                       |
| New York       | 3.43              | (2.97 - 3.97)                       | 2.47                | (1.87 - 3.26)                         | 6.19                | (5.21 - 7.33)                         | 3.09              | (2.55 - 3.73)                       | 3.52              | (3.02 - 4.09)                       |
| North Carolina | 4.28              | (3.64 - 5.03)                       | 3.60                | (2.76 - 4.69)                         | 7.59                | (6.23 - 9.22)                         | 3.84              | (3.10 - 4.74)                       | 4.35              | (3.66 - 5.16)                       |
| North Dakota   | 4.06              | (3.39 - 4.86)                       | 3.28                | (2.42 - 4.43)                         | 6.96                | (5.58 - 8.65)                         | 3.55              | (2.78 - 4.52)                       | 4.13              | (3.42 - 4.99)                       |
| Ohio           | 4.67              | (4.10 - 5.32)                       | 3.49                | (2.79 - 4.36)                         | 8.00                | (6.79 - 9.39)                         | 4.28              | (3.61 - 5.07)                       | 4.79              | (4.18 - 5.49)                       |
| Oklahoma       | 4.38              | (3.65 - 5.24)                       | 3.75                | (2.80 - 5.01)                         | 8.25                | (6.64 - 10.22)                        | 3.79              | (2.96 - 4.86)                       | 4.45              | (3.67 - 5.38)                       |
| Oregon         | 5.35              | (4.48 - 6.38)                       | 3.68                | (2.71 - 4.97)                         | 8.59                | (7.00 - 10.50)                        | 5.05              | (4.04 - 6.29)                       | 5.51              | (4.58 - 6.61)                       |
| Pennsylvania   | 4.24              | (3.67 - 4.89)                       | 2.73                | (2.09 - 3.55)                         | 7.18                | (6.04 - 8.50)                         | 3.95              | (3.29 - 4.74)                       | 4.38              | (3.78 - 5.08)                       |
| Rhode Island   | 4.59              | (3.81 - 5.52)                       | 3.32                | (2.42 - 4.55)                         | 7.42                | (6.00 - 9.14)                         | 4.22              | (3.33 - 5.32)                       | 4.70              | (3.88 - 5.69)                       |
| South Carolina | 4.32              | (3.62 - 5.15)                       | 3.77                | (2.79 - 5.08)                         | 8.17                | (6.66 - 9.99)                         | 3.78              | (2.99 - 4.76)                       | 4.37              | (3.63 - 5.26)                       |
| South Dakota   | 4.51              | (3.76 - 5.39)                       | 3.66                | (2.72 - 4.91)                         | 7.80                | (6.30 - 9.62)                         | 4.05              | (3.19 - 5.14)                       | 4.60              | (3.80 - 5.55)                       |
| Tennessee      | 4.16              | (3.47 - 4.98)                       | 3.32                | (2.46 - 4.47)                         | 8.03                | (6.44 - 9.98)                         | 3.65              | (2.88 - 4.61)                       | 4.25              | (3.51 - 5.13)                       |
| Texas          | 4.02              | (3.58 - 4.51)                       | 3.39                | (2.72 - 4.21)                         | 6.94                | (5.97 - 8.05)                         | 3.58              | (3.07 - 4.18)                       | 4.09              | (3.62 - 4.63)                       |
| Utah           | 4.66              | (3.93 - 5.51)                       | 3.45                | (2.51 - 4.73)                         | 7.49                | (6.01 - 9.30)                         | 4.23              | (3.38 - 5.29)                       | 4.83              | (4.05 - 5.75)                       |
| Vermont        | 4.22              | (3.51 - 5.08)                       | 2.76                | (2.00 - 3.79)                         | 8.02                | (6.44 - 9.95)                         | 3.71              | (2.91 - 4.72)                       | 4.35              | (3.59 - 5.25)                       |
| Virginia       | 3.85              | (3.26 - 4.55)                       | 3.15                | (2.38 - 4.15)                         | 7.04                | (5.78 - 8.56)                         | 3.42              | (2.75 - 4.24)                       | 3.92              | (3.29 - 4.66)                       |
| Washington     | 4.94              | (4.10 - 5.94)                       | 3.45                | (2.53 - 4.68)                         | 6.97                | (5.58 - 8.68)                         | 4.79              | (3.81 - 6.01)                       | 5.08              | (4.19 - 6.15)                       |
| West Virginia  | 4.06              | (3.35 - 4.91)                       | 2.86                | (2.04 - 4.00)                         | 7.19                | (5.76 - 8.95)                         | 3.73              | (2.94 - 4.72)                       | 4.17              | (3.41 - 5.08)                       |
| Wisconsin      | 3.83              | (3.16 - 4.64)                       | 3.04                | (2.24 - 4.11)                         | 7.37                | (5.93 - 9.13)                         | 3.35              | (2.59 - 4.31)                       | 3.91              | (3.19 - 4.79)                       |
| Wyoming        | 4.18              | (3.46 - 5.05)                       | 3.09                | (2.26 - 4.22)                         | 7.41                | (5.96 - 9.17)                         | 3.80              | (2.98 - 4.82)                       | 4.29              | (3.53 - 5.21)                       |

NOTE: Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 13 Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 51.21             | (50.75 - 51.67)                     | 9.54                | (9.12 - 9.98)                         | 56.74               | (55.91 - 57.58)                       | 55.22             | (54.66 - 55.78)                     | 55.43             | (54.93 - 55.94)                     |
| Northeast            | 56.44             | (55.53 - 57.35)                     | 10.64               | (9.87 - 11.47)                        | 63.24               | (61.41 - 65.04)                       | 60.30             | (59.21 - 61.38)                     | 60.71             | (59.71 - 61.69)                     |
| Midwest              | 54.36             | (53.55 - 55.17)                     | 10.09               | (9.47 - 10.75)                        | 60.78               | (59.15 - 62.38)                       | 58.62             | (57.65 - 59.58)                     | 58.92             | (58.04 - 59.81)                     |
| South                | 47.13             | (46.46 - 47.79)                     | 9.05                | (8.52 - 9.60)                         | 52.87               | (51.30 - 54.43)                       | 50.79             | (50.00 - 51.57)                     | 51.07             | (50.34 - 51.81)                     |
| West                 | 50.99             | (50.16 - 51.82)                     | 9.08                | (8.43 - 9.77)                         | 54.43               | (52.66 - 56.20)                       | 55.43             | (54.43 - 56.42)                     | 55.29             | (54.37 - 56.20)                     |
| Alabama              | 41.98             | (39.36 - 44.64)                     | 8.88                | (7.23 - 10.87)                        | 50.18               | (46.18 - 54.17)                       | 44.56             | (41.35 - 47.81)                     | 45.34             | (42.47 - 48.25)                     |
| Alaska               | 51.61             | (48.83 - 54.39)                     | 10.10               | (8.30 - 12.24)                        | 55.68               | (51.35 - 59.94)                       | 56.35             | (52.94 - 59.70)                     | 56.25             | (53.17 - 59.28)                     |
| Arizona              | 50.40             | (47.39 - 53.40)                     | 8.26                | (6.71 - 10.13)                        | 52.61               | (48.38 - 56.81)                       | 55.20             | (51.52 - 58.83)                     | 54.83             | (51.50 - 58.11)                     |
| Arkansas             | 39.89             | (37.15 - 42.70)                     | 8.92                | (7.29 - 10.87)                        | 48.15               | (44.10 - 52.23)                       | 42.35             | (39.00 - 45.77)                     | 43.17             | (40.15 - 46.23)                     |
| California           | 50.45             | (49.20 - 51.71)                     | 8.95                | (7.92 - 10.10)                        | 53.66               | (51.20 - 56.10)                       | 54.85             | (53.31 - 56.39)                     | 54.68             | (53.30 - 56.05)                     |
| Colorado             | 59.48             | (56.77 - 62.13)                     | 9.75                | (7.98 - 11.86)                        | 62.66               | (58.62 - 66.54)                       | 64.79             | (61.47 - 67.98)                     | 64.49             | (61.52 - 67.36)                     |
| Connecticut          | 60.21             | (57.20 - 63.15)                     | 11.42               | (9.47 - 13.71)                        | 67.03               | (63.00 - 70.83)                       | 64.73             | (61.04 - 68.25)                     | 65.05             | (61.74 - 68.22)                     |
| Delaware             | 51.38             | (48.45 - 54.29)                     | 8.38                | (6.76 - 10.35)                        | 54.78               | (50.72 - 58.78)                       | 55.51             | (51.95 - 59.02)                     | 55.42             | (52.22 - 58.59)                     |
| District of Columbia | 66.79             | (64.05 - 69.43)                     | 8.42                | (6.74 - 10.48)                        | 69.71               | (65.55 - 73.57)                       | 70.17             | (66.88 - 73.26)                     | 70.08             | (67.17 - 72.84)                     |
| Florida              | 51.80             | (50.13 - 53.47)                     | 9.86                | (8.67 - 11.20)                        | 56.43               | (53.72 - 59.10)                       | 55.30             | (53.30 - 57.27)                     | 55.44             | (53.64 - 57.24)                     |
| Georgia              | 44.78             | (42.45 - 47.12)                     | 7.76                | (6.44 - 9.33)                         | 50.71               | (47.27 - 54.14)                       | 48.65             | (45.79 - 51.51)                     | 48.94             | (46.36 - 51.53)                     |
| Hawaii               | 45.13             | (42.17 - 48.13)                     | 8.13                | (6.50 - 10.13)                        | 55.13               | (50.92 - 59.27)                       | 47.54             | (44.02 - 51.07)                     | 48.46             | (45.24 - 51.69)                     |
| Idaho                | 46.47             | (43.76 - 49.21)                     | 9.07                | (7.43 - 11.04)                        | 49.44               | (45.31 - 53.59)                       | 51.25             | (47.88 - 54.60)                     | 50.99             | (47.96 - 54.01)                     |
| Illinois             | 54.53             | (52.75 - 56.31)                     | 10.33               | (8.97 - 11.88)                        | 59.68               | (56.65 - 62.63)                       | 59.02             | (56.82 - 61.19)                     | 59.12             | (57.15 - 61.05)                     |
| Indiana              | 49.89             | (47.13 - 52.66)                     | 9.21                | (7.56 - 11.17)                        | 59.83               | (55.79 - 63.74)                       | 53.32             | (49.96 - 56.66)                     | 54.29             | (51.24 - 57.30)                     |
| Iowa                 | 58.44             | (55.69 - 61.15)                     | 9.68                | (7.87 - 11.87)                        | 64.91               | (61.10 - 68.54)                       | 63.21             | (59.78 - 66.51)                     | 63.46             | (60.41 - 66.40)                     |
| Kansas               | 57.20             | (54.58 - 59.78)                     | 10.27               | (8.49 - 12.39)                        | 59.53               | (55.66 - 63.30)                       | 62.94             | (59.63 - 66.13)                     | 62.42             | (59.51 - 65.24)                     |
| Kentucky             | 39.80             | (37.12 - 42.53)                     | 10.25               | (8.42 - 12.44)                        | 49.27               | (45.22 - 53.33)                       | 41.74             | (38.48 - 45.08)                     | 42.79             | (39.87 - 45.77)                     |
| Louisiana            | 50.12             | (47.45 - 52.80)                     | 10.19               | (8.39 - 12.33)                        | 54.27               | (50.20 - 58.28)                       | 54.34             | (51.07 - 57.58)                     | 54.33             | (51.37 - 57.26)                     |
| Maine                | 56.16             | (53.10 - 59.17)                     | 11.24               | (9.36 - 13.45)                        | 64.29               | (60.48 - 67.92)                       | 59.37             | (55.71 - 62.93)                     | 59.96             | (56.63 - 63.20)                     |
| Maryland             | 53.30             | (50.59 - 56.00)                     | 9.48                | (7.72 - 11.58)                        | 59.08               | (55.09 - 62.95)                       | 57.41             | (54.09 - 60.67)                     | 57.64             | (54.66 - 60.56)                     |
| Massachusetts        | 61.36             | (58.48 - 64.15)                     | 12.72               | (10.46 - 15.38)                       | 70.51               | (66.62 - 74.12)                       | 64.91             | (61.40 - 68.27)                     | 65.73             | (62.61 - 68.72)                     |
| Michigan             | 53.18             | (51.35 - 55.01)                     | 10.76               | (9.42 - 12.27)                        | 58.90               | (56.14 - 61.60)                       | 57.21             | (54.94 - 59.45)                     | 57.45             | (55.44 - 59.44)                     |
| Minnesota            | 57.93             | (55.15 - 60.66)                     | 9.78                | (8.02 - 11.87)                        | 65.46               | (61.44 - 69.26)                       | 62.46             | (59.08 - 65.73)                     | 62.87             | (59.82 - 65.83)                     |
| Mississippi          | 38.22             | (35.47 - 41.05)                     | 7.65                | (6.16 - 9.46)                         | 44.24               | (40.02 - 48.54)                       | 41.12             | (37.77 - 44.57)                     | 41.58             | (38.54 - 44.69)                     |
| Missouri             | 50.93             | (48.20 - 53.64)                     | 10.80               | (8.93 - 13.00)                        | 55.78               | (51.57 - 59.91)                       | 54.87             | (51.58 - 58.12)                     | 55.00             | (52.02 - 57.94)                     |
| Montana              | 57.53             | (54.83 - 60.19)                     | 12.82               | (10.66 - 15.33)                       | 64.38               | (60.52 - 68.05)                       | 61.26             | (57.96 - 64.45)                     | 61.69             | (58.73 - 64.56)                     |

See notes at end of table.

(continued)

**Table 13 Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 58.34             | (55.56 - 61.07)                     | 10.21               | (8.40 - 12.34)                        | 62.94               | (58.94 - 66.78)                       | 63.73             | (60.27 - 67.05)                     | 63.60             | (60.52 - 66.58)                     |
| Nevada         | 48.25             | (45.25 - 51.26)                     | 9.63                | (7.89 - 11.71)                        | 49.94               | (45.59 - 54.29)                       | 52.45             | (48.85 - 56.03)                     | 52.14             | (48.85 - 55.41)                     |
| New Hampshire  | 63.12             | (60.48 - 65.69)                     | 11.30               | (9.31 - 13.64)                        | 69.33               | (65.38 - 73.02)                       | 67.56             | (64.35 - 70.61)                     | 67.80             | (64.92 - 70.55)                     |
| New Jersey     | 53.13             | (50.72 - 55.52)                     | 10.87               | (9.10 - 12.92)                        | 59.91               | (56.15 - 63.55)                       | 56.99             | (54.05 - 59.87)                     | 57.37             | (54.73 - 59.98)                     |
| New Mexico     | 48.98             | (46.16 - 51.80)                     | 10.32               | (8.45 - 12.56)                        | 53.37               | (49.11 - 57.59)                       | 53.04             | (49.61 - 56.44)                     | 53.09             | (50.00 - 56.16)                     |
| New York       | 54.73             | (53.07 - 56.38)                     | 9.85                | (8.57 - 11.31)                        | 62.07               | (59.36 - 64.71)                       | 58.29             | (56.29 - 60.26)                     | 58.82             | (57.02 - 60.60)                     |
| North Carolina | 44.43             | (42.20 - 46.69)                     | 8.81                | (7.35 - 10.53)                        | 49.57               | (46.05 - 53.09)                       | 47.85             | (45.13 - 50.58)                     | 48.09             | (45.63 - 50.55)                     |
| North Dakota   | 59.70             | (56.99 - 62.36)                     | 10.97               | (9.11 - 13.16)                        | 67.58               | (63.67 - 71.25)                       | 63.52             | (60.16 - 66.76)                     | 64.20             | (61.24 - 67.06)                     |
| Ohio           | 51.06             | (49.21 - 52.91)                     | 9.13                | (7.87 - 10.58)                        | 58.68               | (55.90 - 61.41)                       | 54.80             | (52.51 - 57.06)                     | 55.33             | (53.29 - 57.35)                     |
| Oklahoma       | 44.79             | (42.07 - 47.53)                     | 8.88                | (7.17 - 10.94)                        | 52.60               | (48.46 - 56.70)                       | 48.05             | (44.68 - 51.44)                     | 48.72             | (45.71 - 51.73)                     |
| Oregon         | 58.49             | (55.83 - 61.10)                     | 10.54               | (8.65 - 12.78)                        | 62.70               | (58.81 - 66.44)                       | 62.88             | (59.68 - 65.96)                     | 62.86             | (59.96 - 65.67)                     |
| Pennsylvania   | 56.42             | (54.68 - 58.15)                     | 10.06               | (8.70 - 11.60)                        | 60.30               | (57.30 - 63.23)                       | 60.79             | (58.68 - 62.86)                     | 60.73             | (58.83 - 62.60)                     |
| Rhode Island   | 60.15             | (57.31 - 62.93)                     | 11.01               | (8.99 - 13.42)                        | 67.96               | (63.97 - 71.71)                       | 63.88             | (60.42 - 67.20)                     | 64.49             | (61.41 - 67.46)                     |
| South Carolina | 45.33             | (42.58 - 48.12)                     | 8.65                | (7.03 - 10.59)                        | 53.32               | (49.43 - 57.18)                       | 48.23             | (44.88 - 51.58)                     | 48.91             | (45.90 - 51.94)                     |
| South Dakota   | 59.47             | (56.69 - 62.18)                     | 11.27               | (9.41 - 13.46)                        | 64.44               | (60.60 - 68.11)                       | 64.59             | (61.15 - 67.88)                     | 64.57             | (61.50 - 67.51)                     |
| Tennessee      | 43.68             | (41.08 - 46.31)                     | 9.01                | (7.40 - 10.93)                        | 50.52               | (46.40 - 54.64)                       | 46.63             | (43.48 - 49.80)                     | 47.16             | (44.31 - 50.04)                     |
| Texas          | 47.12             | (45.72 - 48.53)                     | 8.77                | (7.64 - 10.05)                        | 51.65               | (48.98 - 54.31)                       | 51.74             | (49.99 - 53.49)                     | 51.72             | (50.16 - 53.28)                     |
| Utah           | 29.25             | (26.85 - 31.78)                     | 5.77                | (4.23 - 7.83)                         | 36.17               | (31.74 - 40.83)                       | 31.76             | (28.74 - 34.95)                     | 32.54             | (29.83 - 35.38)                     |
| Vermont        | 62.09             | (59.19 - 64.91)                     | 13.62               | (11.35 - 16.27)                       | 70.91               | (66.72 - 74.76)                       | 65.34             | (61.82 - 68.69)                     | 66.16             | (63.02 - 69.16)                     |
| Virginia       | 52.31             | (50.10 - 54.52)                     | 9.62                | (8.13 - 11.35)                        | 58.85               | (55.49 - 62.12)                       | 56.16             | (53.46 - 58.82)                     | 56.53             | (54.10 - 58.93)                     |
| Washington     | 55.23             | (52.29 - 58.13)                     | 10.05               | (8.24 - 12.20)                        | 60.41               | (56.36 - 64.31)                       | 59.42             | (55.88 - 62.86)                     | 59.55             | (56.35 - 62.67)                     |
| West Virginia  | 39.73             | (36.94 - 42.59)                     | 10.10               | (8.33 - 12.18)                        | 53.31               | (49.28 - 57.30)                       | 40.78             | (37.47 - 44.17)                     | 42.38             | (39.35 - 45.46)                     |
| Wisconsin      | 61.60             | (58.81 - 64.31)                     | 10.73               | (8.89 - 12.89)                        | 68.43               | (64.60 - 72.02)                       | 66.42             | (63.00 - 69.69)                     | 66.71             | (63.64 - 69.64)                     |
| Wyoming        | 49.88             | (46.94 - 52.83)                     | 9.68                | (7.89 - 11.83)                        | 57.76               | (53.65 - 61.76)                       | 53.37             | (49.79 - 56.92)                     | 53.97             | (50.74 - 57.17)                     |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 14 Binge Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 24.37             | (23.99 - 24.75)                     | 5.06                | (4.76 - 5.39)                         | 37.62               | (36.83 - 38.41)                       | 24.49             | (24.03 - 24.94)                     | 26.33             | (25.91 - 26.74)                     |
| Northeast            | 26.45             | (25.65 - 27.26)                     | 5.83                | (5.31 - 6.39)                         | 43.73               | (42.12 - 45.35)                       | 25.92             | (24.96 - 26.90)                     | 28.36             | (27.50 - 29.24)                     |
| Midwest              | 26.42             | (25.74 - 27.12)                     | 5.59                | (5.16 - 6.05)                         | 41.48               | (40.06 - 42.91)                       | 26.43             | (25.60 - 27.28)                     | 28.57             | (27.83 - 29.33)                     |
| South                | 22.81             | (22.26 - 23.36)                     | 4.60                | (4.24 - 5.00)                         | 34.00               | (32.76 - 35.26)                       | 23.19             | (22.52 - 23.88)                     | 24.69             | (24.09 - 25.30)                     |
| West                 | 23.47             | (22.78 - 24.18)                     | 4.82                | (4.37 - 5.32)                         | 35.35               | (33.81 - 36.91)                       | 23.73             | (22.90 - 24.59)                     | 25.39             | (24.62 - 26.16)                     |
| Alabama              | 21.40             | (19.28 - 23.69)                     | 4.43                | (3.41 - 5.72)                         | 31.46               | (28.04 - 35.10)                       | 21.78             | (19.27 - 24.51)                     | 23.13             | (20.81 - 25.62)                     |
| Alaska               | 24.20             | (21.96 - 26.59)                     | 5.08                | (3.95 - 6.52)                         | 35.75               | (32.01 - 39.67)                       | 24.75             | (22.11 - 27.59)                     | 26.33             | (23.87 - 28.95)                     |
| Arizona              | 23.10             | (20.77 - 25.62)                     | 4.66                | (3.62 - 5.97)                         | 33.39               | (29.63 - 37.37)                       | 23.66             | (20.91 - 26.64)                     | 25.04             | (22.48 - 27.79)                     |
| Arkansas             | 19.49             | (17.45 - 21.70)                     | 4.59                | (3.53 - 5.95)                         | 31.55               | (28.03 - 35.30)                       | 19.34             | (16.93 - 22.00)                     | 21.06             | (18.84 - 23.48)                     |
| California           | 23.52             | (22.45 - 24.62)                     | 4.62                | (3.93 - 5.42)                         | 34.99               | (32.79 - 37.26)                       | 23.82             | (22.53 - 25.17)                     | 25.44             | (24.27 - 26.64)                     |
| Colorado             | 26.97             | (24.66 - 29.41)                     | 5.59                | (4.40 - 7.08)                         | 40.44               | (36.30 - 44.72)                       | 27.28             | (24.59 - 30.15)                     | 29.12             | (26.60 - 31.78)                     |
| Connecticut          | 28.30             | (25.78 - 30.96)                     | 6.38                | (4.97 - 8.16)                         | 47.02               | (42.86 - 51.23)                       | 27.78             | (24.81 - 30.96)                     | 30.47             | (27.73 - 33.36)                     |
| Delaware             | 22.51             | (20.25 - 24.95)                     | 4.30                | (3.30 - 5.59)                         | 37.87               | (34.00 - 41.91)                       | 22.19             | (19.57 - 25.06)                     | 24.23             | (21.78 - 26.86)                     |
| District of Columbia | 37.01             | (34.20 - 39.92)                     | 4.84                | (3.61 - 6.44)                         | 53.01               | (48.62 - 57.35)                       | 36.07             | (32.76 - 39.51)                     | 38.83             | (35.87 - 41.87)                     |
| Florida              | 24.66             | (23.23 - 26.15)                     | 5.11                | (4.31 - 6.05)                         | 35.56               | (33.17 - 38.03)                       | 25.09             | (23.40 - 26.86)                     | 26.36             | (24.81 - 27.96)                     |
| Georgia              | 20.61             | (18.87 - 22.47)                     | 3.52                | (2.71 - 4.57)                         | 31.39               | (28.38 - 34.57)                       | 21.05             | (18.97 - 23.28)                     | 22.54             | (20.62 - 24.57)                     |
| Hawaii               | 20.44             | (18.26 - 22.80)                     | 4.42                | (3.31 - 5.87)                         | 34.09               | (30.39 - 38.00)                       | 20.19             | (17.69 - 22.95)                     | 21.88             | (19.53 - 24.42)                     |
| Idaho                | 21.70             | (19.61 - 23.95)                     | 5.07                | (3.95 - 6.47)                         | 32.82               | (29.15 - 36.71)                       | 22.20             | (19.69 - 24.93)                     | 23.71             | (21.41 - 26.19)                     |
| Illinois             | 27.53             | (25.96 - 29.16)                     | 5.72                | (4.78 - 6.83)                         | 42.92               | (40.16 - 45.71)                       | 27.67             | (25.77 - 29.65)                     | 29.80             | (28.07 - 31.58)                     |
| Indiana              | 23.06             | (20.82 - 25.45)                     | 5.09                | (3.95 - 6.53)                         | 38.24               | (34.27 - 42.36)                       | 22.69             | (20.03 - 25.58)                     | 25.00             | (22.54 - 27.62)                     |
| Iowa                 | 29.66             | (27.20 - 32.24)                     | 5.90                | (4.61 - 7.51)                         | 46.38               | (42.38 - 50.42)                       | 29.56             | (26.62 - 32.68)                     | 32.10             | (29.41 - 34.92)                     |
| Kansas               | 26.13             | (23.84 - 28.57)                     | 6.36                | (5.04 - 8.01)                         | 39.68               | (35.80 - 43.70)                       | 26.30             | (23.54 - 29.27)                     | 28.33             | (25.81 - 31.00)                     |
| Kentucky             | 21.79             | (19.64 - 24.09)                     | 5.95                | (4.61 - 7.65)                         | 33.83               | (30.16 - 37.71)                       | 21.70             | (19.18 - 24.45)                     | 23.39             | (21.07 - 25.89)                     |
| Louisiana            | 26.72             | (24.45 - 29.11)                     | 5.21                | (4.04 - 6.70)                         | 35.73               | (31.96 - 39.68)                       | 27.87             | (25.17 - 30.74)                     | 28.98             | (26.50 - 31.60)                     |
| Maine                | 23.53             | (21.15 - 26.09)                     | 5.94                | (4.72 - 7.46)                         | 40.11               | (36.22 - 44.13)                       | 22.99             | (20.27 - 25.96)                     | 25.02             | (22.45 - 27.77)                     |
| Maryland             | 23.77             | (21.59 - 26.09)                     | 4.63                | (3.57 - 5.97)                         | 39.58               | (35.74 - 43.56)                       | 23.53             | (20.96 - 26.30)                     | 25.66             | (23.29 - 28.19)                     |
| Massachusetts        | 31.50             | (28.91 - 34.21)                     | 7.43                | (5.80 - 9.48)                         | 50.76               | (46.62 - 54.89)                       | 30.73             | (27.66 - 33.98)                     | 33.67             | (30.87 - 36.58)                     |
| Michigan             | 25.16             | (23.66 - 26.72)                     | 5.46                | (4.54 - 6.56)                         | 39.18               | (36.46 - 41.97)                       | 25.12             | (23.33 - 26.99)                     | 27.14             | (25.51 - 28.83)                     |
| Minnesota            | 26.32             | (24.00 - 28.78)                     | 5.14                | (4.00 - 6.57)                         | 44.81               | (40.82 - 48.88)                       | 25.91             | (23.17 - 28.87)                     | 28.50             | (25.96 - 31.18)                     |
| Mississippi          | 20.62             | (18.42 - 23.01)                     | 3.73                | (2.82 - 4.92)                         | 25.76               | (22.40 - 29.43)                       | 21.91             | (19.27 - 24.81)                     | 22.48             | (20.05 - 25.10)                     |
| Missouri             | 25.23             | (23.00 - 27.60)                     | 5.82                | (4.53 - 7.45)                         | 37.98               | (34.06 - 42.07)                       | 25.45             | (22.85 - 28.23)                     | 27.20             | (24.77 - 29.77)                     |
| Montana              | 29.29             | (26.98 - 31.71)                     | 7.54                | (5.91 - 9.58)                         | 45.86               | (41.92 - 49.86)                       | 28.99             | (26.26 - 31.88)                     | 31.31             | (28.81 - 33.92)                     |

See notes at end of table.

(continued)

**Table 14 Binge Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Nebraska       | 29.00             | (26.54 - 31.60)                  | 6.56                | (5.20 - 8.25)                      | 43.56               | (39.55 - 47.65)                    | 29.31             | (26.33 - 32.47)                  | 31.46             | (28.76 - 34.29)                  |
| Nevada         | 23.62             | (21.27 - 26.15)                  | 5.41                | (4.19 - 6.95)                      | 31.43               | (27.78 - 35.33)                    | 24.58             | (21.81 - 27.58)                  | 25.45             | (22.88 - 28.21)                  |
| New Hampshire  | 28.58             | (26.16 - 31.13)                  | 5.79                | (4.51 - 7.40)                      | 46.36               | (42.39 - 50.38)                    | 28.20             | (25.33 - 31.27)                  | 30.63             | (28.01 - 33.39)                  |
| New Jersey     | 24.21             | (22.21 - 26.32)                  | 5.48                | (4.35 - 6.88)                      | 40.32               | (36.81 - 43.94)                    | 23.97             | (21.62 - 26.49)                  | 26.09             | (23.92 - 28.38)                  |
| New Mexico     | 24.41             | (22.05 - 26.92)                  | 5.50                | (4.29 - 7.02)                      | 33.01               | (29.30 - 36.95)                    | 25.33             | (22.53 - 28.35)                  | 26.42             | (23.84 - 29.17)                  |
| New York       | 25.00             | (23.62 - 26.44)                  | 5.45                | (4.60 - 6.46)                      | 42.52               | (39.93 - 45.15)                    | 24.22             | (22.57 - 25.95)                  | 26.78             | (25.28 - 28.33)                  |
| North Carolina | 20.35             | (18.65 - 22.16)                  | 4.61                | (3.64 - 5.84)                      | 30.89               | (27.88 - 34.07)                    | 20.56             | (18.55 - 22.72)                  | 21.97             | (20.11 - 23.94)                  |
| North Dakota   | 31.21             | (28.89 - 33.63)                  | 6.24                | (4.94 - 7.86)                      | 48.14               | (44.07 - 52.24)                    | 30.50             | (27.70 - 33.45)                  | 33.52             | (30.99 - 36.13)                  |
| Ohio           | 24.85             | (23.31 - 26.45)                  | 5.12                | (4.27 - 6.12)                      | 39.22               | (36.54 - 41.97)                    | 24.89             | (23.05 - 26.83)                  | 26.86             | (25.18 - 28.61)                  |
| Oklahoma       | 22.05             | (19.91 - 24.35)                  | 4.92                | (3.83 - 6.30)                      | 33.61               | (29.97 - 37.45)                    | 22.27             | (19.73 - 25.02)                  | 23.93             | (21.58 - 26.45)                  |
| Oregon         | 24.95             | (22.68 - 27.38)                  | 5.44                | (4.25 - 6.92)                      | 40.17               | (36.32 - 44.15)                    | 24.72             | (22.09 - 27.55)                  | 26.73             | (24.27 - 29.34)                  |
| Pennsylvania   | 26.81             | (25.26 - 28.41)                  | 5.54                | (4.63 - 6.61)                      | 42.51               | (39.77 - 45.30)                    | 26.66             | (24.82 - 28.59)                  | 28.78             | (27.11 - 30.52)                  |
| Rhode Island   | 29.07             | (26.50 - 31.79)                  | 6.30                | (4.90 - 8.08)                      | 44.38               | (40.38 - 48.45)                    | 28.70             | (25.70 - 31.90)                  | 31.08             | (28.31 - 34.00)                  |
| South Carolina | 23.47             | (21.24 - 25.87)                  | 4.87                | (3.81 - 6.20)                      | 35.60               | (32.04 - 39.33)                    | 23.68             | (21.05 - 26.54)                  | 25.29             | (22.85 - 27.89)                  |
| South Dakota   | 30.84             | (28.28 - 33.53)                  | 7.10                | (5.58 - 8.99)                      | 45.58               | (41.59 - 49.62)                    | 31.29             | (28.26 - 34.48)                  | 33.36             | (30.56 - 36.28)                  |
| Tennessee      | 20.40             | (18.36 - 22.60)                  | 4.84                | (3.75 - 6.23)                      | 29.48               | (25.63 - 33.65)                    | 20.77             | (18.40 - 23.35)                  | 21.96             | (19.74 - 24.35)                  |
| Texas          | 23.35             | (22.12 - 24.62)                  | 4.27                | (3.54 - 5.15)                      | 33.67               | (31.36 - 36.05)                    | 24.20             | (22.68 - 25.79)                  | 25.64             | (24.27 - 27.05)                  |
| Utah           | 16.22             | (14.46 - 18.15)                  | 3.57                | (2.58 - 4.92)                      | 27.32               | (23.68 - 31.30)                    | 15.93             | (13.83 - 18.28)                  | 18.00             | (16.02 - 20.15)                  |
| Vermont        | 27.32             | (24.94 - 29.85)                  | 7.15                | (5.66 - 9.00)                      | 49.25               | (44.79 - 53.73)                    | 25.50             | (22.74 - 28.47)                  | 29.02             | (26.46 - 31.72)                  |
| Virginia       | 23.47             | (21.61 - 25.43)                  | 4.83                | (3.90 - 5.97)                      | 39.01               | (35.88 - 42.23)                    | 23.12             | (20.89 - 25.50)                  | 25.31             | (23.28 - 27.45)                  |
| Washington     | 22.71             | (20.55 - 25.03)                  | 5.02                | (3.90 - 6.44)                      | 37.90               | (34.00 - 41.97)                    | 22.33             | (19.84 - 25.04)                  | 24.41             | (22.05 - 26.92)                  |
| West Virginia  | 21.51             | (19.46 - 23.72)                  | 5.67                | (4.38 - 7.29)                      | 37.79               | (33.97 - 41.76)                    | 20.76             | (18.39 - 23.34)                  | 22.93             | (20.71 - 25.31)                  |
| Wisconsin      | 30.81             | (28.20 - 33.54)                  | 6.02                | (4.77 - 7.57)                      | 46.92               | (42.94 - 50.94)                    | 31.05             | (27.92 - 34.38)                  | 33.29             | (30.43 - 36.29)                  |
| Wyoming        | 23.81             | (21.55 - 26.22)                  | 5.23                | (4.10 - 6.66)                      | 39.41               | (35.63 - 43.32)                    | 23.52             | (20.83 - 26.44)                  | 25.70             | (23.24 - 28.33)                  |

NOTE: Binge Alcohol Use is defined as drinking five or more drinks (for males) or four or more drinks (for females) on the same occasion (i.e., at the same time or within a couple of hours of each other) on at least 1 day in the past 30 days.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 15** *Perceptions of Great Risk from Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week, by Age Group and State:*  
**Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 44.50             | (44.09 - 44.92)                     | 43.83               | (43.12 - 44.54)                       | 37.53               | (36.87 - 38.20)                       | 45.72             | (45.21 - 46.24)                     | 44.57             | (44.12 - 45.03)                     |
| Northeast            | 43.05             | (42.15 - 43.96)                     | 43.83               | (42.47 - 45.21)                       | 34.58               | (33.34 - 35.85)                       | 44.32             | (43.24 - 45.40)                     | 42.98             | (42.02 - 43.94)                     |
| Midwest              | 40.29             | (39.52 - 41.06)                     | 40.45               | (39.31 - 41.60)                       | 33.09               | (32.03 - 34.18)                       | 41.46             | (40.53 - 42.40)                     | 40.27             | (39.44 - 41.10)                     |
| South                | 46.33             | (45.69 - 46.98)                     | 45.73               | (44.69 - 46.78)                       | 40.45               | (39.46 - 41.44)                       | 47.36             | (46.58 - 48.14)                     | 46.40             | (45.70 - 47.09)                     |
| West                 | 46.42             | (45.58 - 47.27)                     | 43.77               | (42.47 - 45.07)                       | 39.10               | (37.78 - 40.43)                       | 47.96             | (46.95 - 48.97)                     | 46.69             | (45.78 - 47.61)                     |
| Alabama              | 43.61             | (40.99 - 46.26)                     | 42.67               | (38.93 - 46.50)                       | 38.05               | (34.55 - 41.68)                       | 44.62             | (41.51 - 47.77)                     | 43.70             | (40.92 - 46.53)                     |
| Alaska               | 42.84             | (40.33 - 45.39)                     | 39.50               | (35.91 - 43.21)                       | 33.32               | (29.79 - 37.05)                       | 44.89             | (41.85 - 47.96)                     | 43.22             | (40.52 - 45.96)                     |
| Arizona              | 46.03             | (43.31 - 48.78)                     | 44.68               | (40.92 - 48.50)                       | 39.90               | (35.96 - 43.98)                       | 47.23             | (43.98 - 50.50)                     | 46.18             | (43.26 - 49.12)                     |
| Arkansas             | 43.12             | (40.60 - 45.68)                     | 43.94               | (40.23 - 47.71)                       | 35.33               | (31.73 - 39.10)                       | 44.31             | (41.29 - 47.36)                     | 43.04             | (40.34 - 45.78)                     |
| California           | 49.13             | (47.81 - 50.44)                     | 45.59               | (43.49 - 47.71)                       | 41.11               | (39.00 - 43.25)                       | 50.91             | (49.33 - 52.49)                     | 49.49             | (48.07 - 50.91)                     |
| Colorado             | 43.08             | (40.56 - 45.63)                     | 40.21               | (36.35 - 44.18)                       | 34.02               | (30.39 - 37.85)                       | 44.89             | (41.94 - 47.87)                     | 43.36             | (40.69 - 46.08)                     |
| Connecticut          | 43.48             | (40.67 - 46.33)                     | 43.24               | (39.30 - 47.25)                       | 32.61               | (29.07 - 36.36)                       | 45.27             | (41.98 - 48.62)                     | 43.50             | (40.53 - 46.52)                     |
| Delaware             | 43.30             | (40.61 - 46.04)                     | 44.43               | (40.57 - 48.37)                       | 38.59               | (34.87 - 42.46)                       | 43.88             | (40.73 - 47.09)                     | 43.20             | (40.33 - 46.11)                     |
| District of Columbia | 41.95             | (39.32 - 44.62)                     | 46.59               | (42.51 - 50.73)                       | 33.04               | (29.35 - 36.96)                       | 43.38             | (40.35 - 46.46)                     | 41.69             | (38.97 - 44.45)                     |
| Florida              | 46.21             | (44.56 - 47.87)                     | 44.36               | (41.97 - 46.78)                       | 40.48               | (38.13 - 42.88)                       | 47.17             | (45.21 - 49.14)                     | 46.37             | (44.61 - 48.14)                     |
| Georgia              | 49.32             | (47.19 - 51.45)                     | 53.04               | (49.43 - 56.62)                       | 43.24               | (40.00 - 46.55)                       | 49.86             | (47.27 - 52.45)                     | 48.90             | (46.60 - 51.20)                     |
| Hawaii               | 46.91             | (44.08 - 49.75)                     | 46.31               | (42.27 - 50.40)                       | 41.08               | (37.19 - 45.07)                       | 47.77             | (44.49 - 51.06)                     | 46.96             | (43.96 - 49.98)                     |
| Idaho                | 42.66             | (40.08 - 45.27)                     | 42.22               | (38.57 - 45.96)                       | 36.12               | (32.40 - 40.01)                       | 43.81             | (40.73 - 46.94)                     | 42.71             | (39.93 - 45.54)                     |
| Illinois             | 43.00             | (41.23 - 44.79)                     | 43.07               | (40.42 - 45.76)                       | 35.67               | (33.02 - 38.42)                       | 44.18             | (42.02 - 46.37)                     | 42.99             | (41.08 - 44.93)                     |
| Indiana              | 42.42             | (39.91 - 44.96)                     | 41.25               | (37.42 - 45.19)                       | 35.01               | (31.41 - 38.80)                       | 43.86             | (40.90 - 46.87)                     | 42.54             | (39.87 - 45.26)                     |
| Iowa                 | 35.26             | (32.78 - 37.82)                     | 36.98               | (33.33 - 40.79)                       | 29.92               | (26.68 - 33.37)                       | 36.01             | (33.01 - 39.12)                     | 35.08             | (32.44 - 37.82)                     |
| Kansas               | 37.88             | (35.37 - 40.46)                     | 37.81               | (34.02 - 41.77)                       | 31.04               | (27.66 - 34.65)                       | 39.12             | (36.11 - 42.22)                     | 37.89             | (35.21 - 40.65)                     |
| Kentucky             | 43.67             | (41.14 - 46.24)                     | 42.75               | (39.17 - 46.41)                       | 35.80               | (32.38 - 39.37)                       | 45.06             | (42.03 - 48.13)                     | 43.76             | (41.07 - 46.50)                     |
| Louisiana            | 43.99             | (41.44 - 46.58)                     | 44.76               | (41.04 - 48.53)                       | 39.19               | (35.45 - 43.05)                       | 44.70             | (41.69 - 47.74)                     | 43.91             | (41.19 - 46.67)                     |
| Maine                | 40.32             | (37.50 - 43.20)                     | 37.72               | (34.12 - 41.46)                       | 29.16               | (25.79 - 32.77)                       | 42.05             | (38.77 - 45.41)                     | 40.54             | (37.55 - 43.59)                     |
| Maryland             | 46.20             | (43.59 - 48.82)                     | 45.50               | (41.71 - 49.35)                       | 39.93               | (36.33 - 43.66)                       | 47.23             | (44.15 - 50.34)                     | 46.26             | (43.48 - 49.07)                     |
| Massachusetts        | 39.76             | (37.07 - 42.52)                     | 41.92               | (38.12 - 45.82)                       | 31.01               | (27.33 - 34.94)                       | 41.05             | (37.87 - 44.30)                     | 39.57             | (36.72 - 42.49)                     |
| Michigan             | 39.79             | (38.09 - 41.52)                     | 40.74               | (38.17 - 43.37)                       | 33.91               | (31.56 - 36.34)                       | 40.67             | (38.60 - 42.78)                     | 39.70             | (37.87 - 41.56)                     |
| Minnesota            | 37.89             | (35.39 - 40.46)                     | 39.30               | (35.74 - 42.98)                       | 30.19               | (26.85 - 33.75)                       | 38.94             | (36.01 - 41.96)                     | 37.74             | (35.08 - 40.48)                     |
| Mississippi          | 47.88             | (45.25 - 50.52)                     | 47.23               | (43.53 - 50.96)                       | 43.59               | (39.66 - 47.60)                       | 48.71             | (45.61 - 51.82)                     | 47.95             | (45.13 - 50.78)                     |
| Missouri             | 40.75             | (38.27 - 43.27)                     | 41.11               | (37.31 - 45.02)                       | 33.64               | (30.10 - 37.38)                       | 41.86             | (38.95 - 44.82)                     | 40.71             | (38.07 - 43.40)                     |
| Montana              | 35.94             | (33.44 - 38.52)                     | 36.01               | (32.34 - 39.85)                       | 27.03               | (23.86 - 30.46)                       | 37.36             | (34.40 - 40.42)                     | 35.94             | (33.28 - 38.69)                     |

See notes at end of table.

(continued)



**Table 15** *Perceptions of Great Risk from Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week, by Age Group and State:*  
**Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 39.15             | (36.71 - 41.65)                     | 38.31               | (34.84 - 41.91)                       | 30.87               | (27.42 - 34.55)                       | 40.74             | (37.79 - 43.77)                     | 39.24             | (36.62 - 41.93)                     |
| Nevada         | 46.22             | (43.50 - 48.95)                     | 45.75               | (41.80 - 49.75)                       | 44.43               | (40.33 - 48.61)                       | 46.53             | (43.37 - 49.72)                     | 46.26             | (43.36 - 49.19)                     |
| New Hampshire  | 37.94             | (35.40 - 40.55)                     | 37.48               | (34.04 - 41.05)                       | 28.93               | (25.63 - 32.46)                       | 39.39             | (36.41 - 42.44)                     | 37.98             | (35.28 - 40.76)                     |
| New Jersey     | 46.84             | (44.42 - 49.28)                     | 45.62               | (42.13 - 49.15)                       | 36.72               | (33.48 - 40.08)                       | 48.49             | (45.63 - 51.36)                     | 46.97             | (44.37 - 49.57)                     |
| New Mexico     | 47.84             | (45.22 - 50.46)                     | 43.41               | (39.63 - 47.28)                       | 41.30               | (37.46 - 45.25)                       | 49.46             | (46.33 - 52.61)                     | 48.31             | (45.51 - 51.12)                     |
| New York       | 45.30             | (43.72 - 46.90)                     | 46.58               | (44.23 - 48.95)                       | 37.22               | (34.89 - 39.61)                       | 46.49             | (44.58 - 48.40)                     | 45.19             | (43.49 - 46.90)                     |
| North Carolina | 45.25             | (43.05 - 47.48)                     | 45.51               | (42.25 - 48.81)                       | 40.14               | (36.98 - 43.38)                       | 46.03             | (43.42 - 48.66)                     | 45.23             | (42.87 - 47.60)                     |
| North Dakota   | 37.10             | (34.74 - 39.54)                     | 36.97               | (33.65 - 40.41)                       | 28.57               | (25.30 - 32.08)                       | 38.90             | (36.00 - 41.87)                     | 37.12             | (34.59 - 39.71)                     |
| Ohio           | 42.07             | (40.29 - 43.87)                     | 41.96               | (39.43 - 44.53)                       | 34.33               | (31.81 - 36.95)                       | 43.32             | (41.16 - 45.49)                     | 42.08             | (40.17 - 44.02)                     |
| Oklahoma       | 44.60             | (42.01 - 47.22)                     | 42.90               | (39.22 - 46.66)                       | 38.87               | (35.15 - 42.73)                       | 45.81             | (42.69 - 48.95)                     | 44.78             | (42.00 - 47.60)                     |
| Oregon         | 41.16             | (38.66 - 43.70)                     | 38.23               | (34.55 - 42.06)                       | 30.77               | (27.43 - 34.33)                       | 43.02             | (40.11 - 45.98)                     | 41.42             | (38.78 - 44.11)                     |
| Pennsylvania   | 40.00             | (38.24 - 41.78)                     | 41.23               | (38.59 - 43.92)                       | 33.11               | (30.65 - 35.66)                       | 40.93             | (38.83 - 43.07)                     | 39.88             | (38.00 - 41.79)                     |
| Rhode Island   | 39.63             | (36.99 - 42.34)                     | 41.58               | (37.79 - 45.47)                       | 34.74               | (30.95 - 38.74)                       | 40.31             | (37.18 - 43.52)                     | 39.46             | (36.66 - 42.32)                     |
| South Carolina | 44.10             | (41.44 - 46.79)                     | 42.44               | (38.72 - 46.26)                       | 37.85               | (34.27 - 41.57)                       | 45.26             | (42.14 - 48.41)                     | 44.26             | (41.43 - 47.13)                     |
| South Dakota   | 37.62             | (35.20 - 40.10)                     | 37.21               | (33.82 - 40.73)                       | 29.57               | (26.27 - 33.09)                       | 39.04             | (36.13 - 42.02)                     | 37.66             | (35.08 - 40.31)                     |
| Tennessee      | 46.88             | (44.22 - 49.56)                     | 44.99               | (41.26 - 48.78)                       | 38.82               | (35.09 - 42.69)                       | 48.38             | (45.25 - 51.53)                     | 47.07             | (44.23 - 49.93)                     |
| Texas          | 49.11             | (47.65 - 50.56)                     | 47.06               | (44.72 - 49.41)                       | 44.19               | (41.77 - 46.63)                       | 50.29             | (48.50 - 52.07)                     | 49.35             | (47.78 - 50.93)                     |
| Utah           | 47.76             | (45.24 - 50.28)                     | 49.33               | (45.16 - 53.51)                       | 42.77               | (38.52 - 47.14)                       | 48.61             | (45.57 - 51.66)                     | 47.54             | (44.83 - 50.26)                     |
| Vermont        | 37.10             | (34.55 - 39.73)                     | 37.55               | (33.93 - 41.30)                       | 27.04               | (23.59 - 30.79)                       | 38.81             | (35.81 - 41.91)                     | 37.06             | (34.37 - 39.84)                     |
| Virginia       | 43.46             | (41.36 - 45.58)                     | 43.89               | (40.65 - 47.19)                       | 35.26               | (32.31 - 38.32)                       | 44.72             | (42.21 - 47.25)                     | 43.41             | (41.17 - 45.68)                     |
| Washington     | 39.92             | (37.37 - 42.52)                     | 36.32               | (32.62 - 40.19)                       | 33.76               | (30.06 - 37.66)                       | 41.26             | (38.27 - 44.33)                     | 40.26             | (37.56 - 43.03)                     |
| West Virginia  | 43.00             | (40.39 - 45.64)                     | 37.80               | (33.95 - 41.82)                       | 35.27               | (31.60 - 39.12)                       | 44.65             | (41.61 - 47.74)                     | 43.46             | (40.69 - 46.27)                     |
| Wisconsin      | 36.01             | (33.42 - 38.68)                     | 35.40               | (31.92 - 39.05)                       | 28.37               | (25.11 - 31.87)                       | 37.33             | (34.24 - 40.53)                     | 36.07             | (33.30 - 38.92)                     |
| Wyoming        | 42.45             | (39.78 - 45.17)                     | 40.58               | (36.79 - 44.48)                       | 35.80               | (32.24 - 39.53)                       | 43.73             | (40.55 - 46.97)                     | 42.64             | (39.78 - 45.56)                     |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 16 Alcohol Use and Binge Alcohol Use in the Past Month among Individuals Aged 12 to 20, by State: Percentages, Annual Averages  
Based on 2016 and 2017 NSDUHs**

| State                | Alcohol Use in<br>Past Month (Estimate) | Alcohol Use in Past Month<br>(95% Confidence Interval) | Binge Alcohol Use in<br>Past Month (Estimate) | Binge Alcohol Use in Past Month<br>(95% Confidence Interval) |
|----------------------|-----------------------------------------|--------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------|
| Total U.S.           | 19.50                                   | (18.83 - 20.18)                                        | 12.00                                         | (11.49 - 12.54)                                              |
| Northeast            | 22.91                                   | (21.98 - 23.87)                                        | 14.94                                         | (14.09 - 15.84)                                              |
| Midwest              | 21.36                                   | (20.61 - 22.14)                                        | 13.70                                         | (13.01 - 14.41)                                              |
| South                | 17.83                                   | (17.19 - 18.49)                                        | 10.28                                         | (9.73 - 10.86)                                               |
| West                 | 18.09                                   | (17.23 - 18.98)                                        | 11.16                                         | (10.40 - 11.98)                                              |
| Alabama              | 18.36                                   | (16.09 - 20.87)                                        | 10.80                                         | (9.22 - 12.61)                                               |
| Alaska               | 19.53                                   | (17.11 - 22.21)                                        | 11.44                                         | (9.80 - 13.33)                                               |
| Arizona              | 17.63                                   | (15.45 - 20.05)                                        | 10.70                                         | (8.98 - 12.70)                                               |
| Arkansas             | 15.57                                   | (13.48 - 17.92)                                        | 9.45                                          | (7.92 - 11.23)                                               |
| California           | 17.90                                   | (16.56 - 19.31)                                        | 11.16                                         | (10.03 - 12.40)                                              |
| Colorado             | 20.73                                   | (18.29 - 23.40)                                        | 12.93                                         | (11.07 - 15.05)                                              |
| Connecticut          | 23.92                                   | (21.38 - 26.67)                                        | 15.82                                         | (13.79 - 18.07)                                              |
| Delaware             | 17.47                                   | (15.27 - 19.92)                                        | 10.75                                         | (9.11 - 12.65)                                               |
| District of Columbia | 24.17                                   | (21.17 - 27.46)                                        | 17.43                                         | (14.90 - 20.27)                                              |
| Florida              | 20.26                                   | (18.72 - 21.89)                                        | 11.44                                         | (10.31 - 12.69)                                              |
| Georgia              | 15.65                                   | (13.81 - 17.70)                                        | 8.36                                          | (7.15 - 9.75)                                                |
| Hawaii               | 16.73                                   | (14.49 - 19.23)                                        | 10.46                                         | (8.83 - 12.36)                                               |
| Idaho                | 16.94                                   | (14.79 - 19.33)                                        | 10.42                                         | (8.82 - 12.28)                                               |
| Illinois             | 20.67                                   | (18.96 - 22.48)                                        | 13.64                                         | (12.21 - 15.20)                                              |
| Indiana              | 20.16                                   | (17.83 - 22.71)                                        | 12.50                                         | (10.71 - 14.53)                                              |
| Iowa                 | 21.72                                   | (19.31 - 24.35)                                        | 14.88                                         | (13.01 - 16.97)                                              |
| Kansas               | 20.59                                   | (18.16 - 23.27)                                        | 13.54                                         | (11.70 - 15.62)                                              |
| Kentucky             | 19.63                                   | (17.22 - 22.27)                                        | 12.92                                         | (10.99 - 15.12)                                              |
| Louisiana            | 19.51                                   | (17.08 - 22.19)                                        | 11.35                                         | (9.65 - 13.30)                                               |
| Maine                | 24.13                                   | (21.70 - 26.73)                                        | 15.16                                         | (13.15 - 17.41)                                              |
| Maryland             | 19.12                                   | (16.82 - 21.64)                                        | 10.72                                         | (9.12 - 12.55)                                               |
| Massachusetts        | 31.78                                   | (28.73 - 35.00)                                        | 22.14                                         | (19.51 - 25.02)                                              |
| Michigan             | 22.47                                   | (20.77 - 24.26)                                        | 14.15                                         | (12.76 - 15.66)                                              |
| Minnesota            | 22.63                                   | (20.36 - 25.08)                                        | 14.41                                         | (12.58 - 16.46)                                              |
| Mississippi          | 13.92                                   | (11.93 - 16.19)                                        | 7.74                                          | (6.45 - 9.27)                                                |
| Missouri             | 21.05                                   | (18.68 - 23.64)                                        | 13.25                                         | (11.39 - 15.37)                                              |
| Montana              | 24.66                                   | (22.10 - 27.41)                                        | 16.15                                         | (14.07 - 18.47)                                              |

See notes at end of table.

(continued)

**Table 16 Alcohol Use and Binge Alcohol Use in the Past Month among Individuals Aged 12 to 20, by State: Percentages, Annual Averages  
Based on 2016 and 2017 NSDUHs (continued)**

| State          | Alcohol Use in<br>Past Month (Estimate) | Alcohol Use in Past Month<br>(95% Confidence Interval) | Binge Alcohol Use in<br>Past Month (Estimate) | Binge Alcohol Use in Past Month<br>(95% Confidence Interval) |
|----------------|-----------------------------------------|--------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------|
| Nebraska       | 20.72                                   | (18.33 - 23.34)                                        | 13.86                                         | (11.93 - 16.04)                                              |
| Nevada         | 17.08                                   | (14.78 - 19.67)                                        | 9.99                                          | (8.44 - 11.80)                                               |
| New Hampshire  | 25.45                                   | (22.87 - 28.21)                                        | 15.79                                         | (13.76 - 18.07)                                              |
| New Jersey     | 20.97                                   | (18.81 - 23.31)                                        | 12.35                                         | (10.77 - 14.12)                                              |
| New Mexico     | 19.04                                   | (16.65 - 21.69)                                        | 10.60                                         | (9.02 - 12.43)                                               |
| New York       | 20.64                                   | (19.13 - 22.25)                                        | 13.36                                         | (12.07 - 14.77)                                              |
| North Carolina | 17.58                                   | (15.73 - 19.60)                                        | 10.05                                         | (8.64 - 11.67)                                               |
| North Dakota   | 28.14                                   | (25.32 - 31.13)                                        | 19.66                                         | (17.32 - 22.24)                                              |
| Ohio           | 20.14                                   | (18.48 - 21.92)                                        | 12.48                                         | (11.17 - 13.92)                                              |
| Oklahoma       | 16.13                                   | (14.03 - 18.48)                                        | 9.48                                          | (7.97 - 11.23)                                               |
| Oregon         | 20.83                                   | (18.56 - 23.30)                                        | 12.63                                         | (10.90 - 14.58)                                              |
| Pennsylvania   | 20.92                                   | (19.15 - 22.80)                                        | 13.85                                         | (12.43 - 15.40)                                              |
| Rhode Island   | 25.70                                   | (22.98 - 28.62)                                        | 17.22                                         | (14.91 - 19.80)                                              |
| South Carolina | 17.90                                   | (15.81 - 20.19)                                        | 11.40                                         | (9.82 - 13.21)                                               |
| South Dakota   | 23.23                                   | (20.85 - 25.80)                                        | 15.63                                         | (13.71 - 17.77)                                              |
| Tennessee      | 16.99                                   | (14.79 - 19.43)                                        | 9.79                                          | (8.30 - 11.51)                                               |
| Texas          | 16.99                                   | (15.58 - 18.51)                                        | 9.48                                          | (8.45 - 10.62)                                               |
| Utah           | 12.11                                   | (9.95 - 14.66)                                         | 8.51                                          | (6.88 - 10.49)                                               |
| Vermont        | 28.12                                   | (25.16 - 31.28)                                        | 19.60                                         | (17.05 - 22.44)                                              |
| Virginia       | 18.45                                   | (16.59 - 20.47)                                        | 11.21                                         | (9.72 - 12.89)                                               |
| Washington     | 18.70                                   | (16.44 - 21.20)                                        | 10.98                                         | (9.35 - 12.86)                                               |
| West Virginia  | 20.38                                   | (17.98 - 23.02)                                        | 13.04                                         | (11.22 - 15.11)                                              |
| Wisconsin      | 23.26                                   | (20.88 - 25.82)                                        | 15.01                                         | (13.07 - 17.18)                                              |
| Wyoming        | 21.56                                   | (19.10 - 24.25)                                        | 13.11                                         | (11.33 - 15.13)                                              |

NOTE: Binge Alcohol Use is defined as drinking five or more drinks (for males) or four or more drinks (for females) on the same occasion (i.e., at the same time or within a couple of hours of each other) on at least 1 day in the past 30 days.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 17 Tobacco Product Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 22.99             | (22.61 - 23.37)                     | 5.10                | (4.81 - 5.40)                         | 29.52               | (28.82 - 30.23)                       | 24.04             | (23.59 - 24.49)                     | 24.80             | (24.39 - 25.22)                     |
| Northeast            | 21.91             | (21.18 - 22.65)                     | 4.59                | (4.13 - 5.10)                         | 29.91               | (28.69 - 31.16)                       | 22.50             | (21.62 - 23.40)                     | 23.52             | (22.73 - 24.32)                     |
| Midwest              | 25.69             | (25.03 - 26.37)                     | 5.91                | (5.45 - 6.41)                         | 32.75               | (31.71 - 33.81)                       | 26.90             | (26.08 - 27.74)                     | 27.73             | (27.01 - 28.47)                     |
| South                | 24.66             | (24.10 - 25.24)                     | 5.46                | (5.06 - 5.90)                         | 30.60               | (29.70 - 31.52)                       | 26.02             | (25.32 - 26.73)                     | 26.65             | (26.04 - 27.28)                     |
| West                 | 18.74             | (18.08 - 19.42)                     | 4.12                | (3.67 - 4.63)                         | 24.68               | (23.51 - 25.90)                       | 19.50             | (18.70 - 20.33)                     | 20.24             | (19.52 - 20.98)                     |
| Alabama              | 30.12             | (27.77 - 32.58)                     | 7.90                | (6.33 - 9.81)                         | 35.28               | (31.59 - 39.16)                       | 31.91             | (29.07 - 34.89)                     | 32.38             | (29.80 - 35.07)                     |
| Alaska               | 26.68             | (24.41 - 29.07)                     | 8.69                | (6.88 - 10.90)                        | 34.77               | (31.04 - 38.70)                       | 27.67             | (24.91 - 30.60)                     | 28.69             | (26.19 - 31.32)                     |
| Arizona              | 21.19             | (19.03 - 23.53)                     | 3.60                | (2.74 - 4.74)                         | 27.99               | (24.34 - 31.95)                       | 22.22             | (19.67 - 25.00)                     | 23.04             | (20.67 - 25.60)                     |
| Arkansas             | 30.69             | (28.20 - 33.29)                     | 7.52                | (6.03 - 9.34)                         | 33.90               | (30.19 - 37.83)                       | 33.01             | (30.01 - 36.17)                     | 33.14             | (30.41 - 35.98)                     |
| California           | 16.23             | (15.28 - 17.23)                     | 3.45                | (2.83 - 4.20)                         | 20.56               | (18.79 - 22.45)                       | 17.02             | (15.87 - 18.24)                     | 17.53             | (16.50 - 18.62)                     |
| Colorado             | 20.15             | (18.25 - 22.19)                     | 4.66                | (3.60 - 6.02)                         | 32.03               | (28.30 - 36.00)                       | 20.03             | (17.82 - 22.44)                     | 21.71             | (19.64 - 23.94)                     |
| Connecticut          | 21.24             | (19.10 - 23.56)                     | 4.13                | (3.18 - 5.35)                         | 31.68               | (28.01 - 35.59)                       | 21.52             | (18.98 - 24.30)                     | 22.94             | (20.59 - 25.47)                     |
| Delaware             | 21.77             | (19.66 - 24.04)                     | 4.02                | (3.09 - 5.20)                         | 27.74               | (24.27 - 31.50)                       | 22.80             | (20.32 - 25.48)                     | 23.44             | (21.14 - 25.90)                     |
| District of Columbia | 23.55             | (21.20 - 26.07)                     | 3.71                | (2.73 - 5.01)                         | 28.77               | (25.08 - 32.76)                       | 23.86             | (21.17 - 26.79)                     | 24.66             | (22.19 - 27.31)                     |
| Florida              | 20.49             | (19.25 - 21.78)                     | 4.62                | (3.86 - 5.52)                         | 25.51               | (23.37 - 27.77)                       | 21.36             | (19.90 - 22.90)                     | 21.86             | (20.53 - 23.26)                     |
| Georgia              | 24.08             | (22.31 - 25.93)                     | 5.45                | (4.36 - 6.81)                         | 30.46               | (27.58 - 33.50)                       | 25.45             | (23.32 - 27.71)                     | 26.17             | (24.23 - 28.21)                     |
| Hawaii               | 17.11             | (15.22 - 19.18)                     | 3.41                | (2.57 - 4.52)                         | 25.14               | (21.75 - 28.88)                       | 17.40             | (15.24 - 19.81)                     | 18.34             | (16.29 - 20.58)                     |
| Idaho                | 22.65             | (20.59 - 24.86)                     | 5.99                | (4.68 - 7.63)                         | 32.96               | (29.32 - 36.83)                       | 23.29             | (20.79 - 25.98)                     | 24.67             | (22.38 - 27.11)                     |
| Illinois             | 22.44             | (21.00 - 23.95)                     | 5.21                | (4.33 - 6.25)                         | 29.09               | (26.58 - 31.73)                       | 23.45             | (21.69 - 25.30)                     | 24.23             | (22.65 - 25.89)                     |
| Indiana              | 26.80             | (24.64 - 29.08)                     | 6.43                | (5.11 - 8.06)                         | 33.29               | (29.64 - 37.14)                       | 28.26             | (25.66 - 31.00)                     | 29.00             | (26.63 - 31.50)                     |
| Iowa                 | 26.39             | (24.16 - 28.75)                     | 5.01                | (3.88 - 6.45)                         | 37.22               | (33.57 - 41.01)                       | 27.05             | (24.31 - 29.98)                     | 28.59             | (26.14 - 31.17)                     |
| Kansas               | 24.75             | (22.61 - 27.02)                     | 5.37                | (4.23 - 6.80)                         | 31.73               | (28.24 - 35.45)                       | 26.05             | (23.44 - 28.83)                     | 26.91             | (24.55 - 29.41)                     |
| Kentucky             | 33.73             | (31.24 - 36.31)                     | 9.61                | (7.81 - 11.76)                        | 40.64               | (36.84 - 44.56)                       | 35.45             | (32.46 - 38.56)                     | 36.18             | (33.46 - 38.98)                     |
| Louisiana            | 30.20             | (27.82 - 32.68)                     | 6.90                | (5.49 - 8.63)                         | 34.52               | (30.72 - 38.53)                       | 32.34             | (29.49 - 35.33)                     | 32.65             | (30.04 - 35.38)                     |
| Maine                | 24.21             | (21.86 - 26.72)                     | 7.90                | (6.31 - 9.85)                         | 35.21               | (31.44 - 39.17)                       | 24.30             | (21.59 - 27.24)                     | 25.59             | (23.06 - 28.29)                     |
| Maryland             | 19.10             | (17.18 - 21.18)                     | 4.45                | (3.44 - 5.75)                         | 26.10               | (22.81 - 29.67)                       | 19.69             | (17.43 - 22.17)                     | 20.54             | (18.44 - 22.82)                     |
| Massachusetts        | 20.70             | (18.62 - 22.94)                     | 4.31                | (3.32 - 5.58)                         | 29.16               | (25.62 - 32.98)                       | 20.97             | (18.53 - 23.63)                     | 22.17             | (19.92 - 24.59)                     |
| Michigan             | 26.18             | (24.64 - 27.78)                     | 5.52                | (4.60 - 6.60)                         | 30.32               | (27.99 - 32.76)                       | 27.91             | (26.00 - 29.91)                     | 28.26             | (26.57 - 30.01)                     |
| Minnesota            | 22.77             | (20.83 - 24.84)                     | 5.24                | (4.11 - 6.68)                         | 34.44               | (30.79 - 38.28)                       | 23.01             | (20.72 - 25.48)                     | 24.57             | (22.45 - 26.83)                     |
| Mississippi          | 31.32             | (28.88 - 33.88)                     | 7.62                | (6.08 - 9.50)                         | 33.81               | (30.00 - 37.84)                       | 33.95             | (30.95 - 37.09)                     | 33.93             | (31.24 - 36.73)                     |
| Missouri             | 27.07             | (24.86 - 29.40)                     | 7.27                | (5.78 - 9.11)                         | 31.33               | (27.75 - 35.14)                       | 28.71             | (26.06 - 31.53)                     | 29.08             | (26.66 - 31.63)                     |
| Montana              | 27.11             | (24.81 - 29.54)                     | 8.33                | (6.71 - 10.30)                        | 38.20               | (34.51 - 42.03)                       | 27.36             | (24.65 - 30.26)                     | 28.86             | (26.36 - 31.48)                     |

See notes at end of table.

(continued)

**Table 17 Tobacco Product Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 26.34             | (24.12 - 28.69)                     | 4.96                | (3.88 - 6.33)                         | 35.90               | (32.05 - 39.94)                       | 27.40             | (24.73 - 30.25)                     | 28.68             | (26.24 - 31.26)                     |
| Nevada         | 24.12             | (21.87 - 26.53)                     | 4.61                | (3.57 - 5.93)                         | 27.75               | (24.27 - 31.52)                       | 25.84             | (23.17 - 28.71)                     | 26.09             | (23.61 - 28.73)                     |
| New Hampshire  | 22.47             | (20.40 - 24.67)                     | 6.38                | (5.02 - 8.06)                         | 33.53               | (29.94 - 37.32)                       | 22.43             | (20.01 - 25.05)                     | 23.92             | (21.68 - 26.30)                     |
| New Jersey     | 20.78             | (18.99 - 22.68)                     | 4.14                | (3.20 - 5.32)                         | 29.89               | (26.77 - 33.20)                       | 21.34             | (19.21 - 23.63)                     | 22.45             | (20.49 - 24.53)                     |
| New Mexico     | 25.08             | (22.80 - 27.51)                     | 4.76                | (3.60 - 6.27)                         | 31.42               | (27.69 - 35.41)                       | 26.56             | (23.83 - 29.48)                     | 27.24             | (24.74 - 29.90)                     |
| New York       | 19.64             | (18.41 - 20.92)                     | 3.72                | (3.06 - 4.53)                         | 26.09               | (23.98 - 28.31)                       | 20.27             | (18.81 - 21.82)                     | 21.09             | (19.76 - 22.48)                     |
| North Carolina | 24.78             | (23.05 - 26.59)                     | 5.88                | (4.79 - 7.21)                         | 33.90               | (30.76 - 37.19)                       | 25.58             | (23.51 - 27.77)                     | 26.71             | (24.82 - 28.70)                     |
| North Dakota   | 26.66             | (24.44 - 29.00)                     | 6.99                | (5.61 - 8.67)                         | 35.27               | (31.48 - 39.25)                       | 27.07             | (24.42 - 29.90)                     | 28.47             | (26.06 - 31.01)                     |
| Ohio           | 28.75             | (27.23 - 30.33)                     | 6.85                | (5.79 - 8.08)                         | 36.60               | (34.04 - 39.24)                       | 30.09             | (28.24 - 32.01)                     | 30.99             | (29.31 - 32.71)                     |
| Oklahoma       | 28.81             | (26.35 - 31.39)                     | 6.19                | (4.83 - 7.89)                         | 33.92               | (30.15 - 37.90)                       | 30.83             | (27.87 - 33.96)                     | 31.28             | (28.58 - 34.12)                     |
| Oregon         | 23.11             | (21.10 - 25.24)                     | 5.50                | (4.32 - 6.98)                         | 32.31               | (28.83 - 35.99)                       | 23.57             | (21.23 - 26.09)                     | 24.71             | (22.54 - 27.02)                     |
| Pennsylvania   | 26.48             | (24.99 - 28.03)                     | 5.88                | (4.93 - 7.00)                         | 34.60               | (32.04 - 37.25)                       | 27.43             | (25.64 - 29.30)                     | 28.39             | (26.77 - 30.07)                     |
| Rhode Island   | 22.31             | (20.08 - 24.70)                     | 4.90                | (3.78 - 6.33)                         | 28.22               | (24.66 - 32.09)                       | 23.06             | (20.43 - 25.91)                     | 23.84             | (21.44 - 26.42)                     |
| South Carolina | 26.94             | (24.72 - 29.29)                     | 6.73                | (5.40 - 8.36)                         | 34.25               | (30.73 - 37.96)                       | 28.09             | (25.44 - 30.90)                     | 28.92             | (26.49 - 31.47)                     |
| South Dakota   | 29.08             | (26.75 - 31.52)                     | 8.36                | (6.77 - 10.28)                        | 39.09               | (35.36 - 42.95)                       | 29.94             | (27.14 - 32.91)                     | 31.27             | (28.72 - 33.93)                     |
| Tennessee      | 29.89             | (27.62 - 32.26)                     | 7.11                | (5.71 - 8.83)                         | 36.05               | (32.24 - 40.05)                       | 31.56             | (28.87 - 34.38)                     | 32.18             | (29.70 - 34.76)                     |
| Texas          | 22.55             | (21.36 - 23.80)                     | 3.75                | (3.07 - 4.57)                         | 27.24               | (25.16 - 29.42)                       | 24.38             | (22.91 - 25.91)                     | 24.81             | (23.48 - 26.19)                     |
| Utah           | 15.24             | (13.53 - 17.12)                     | 3.61                | (2.61 - 4.98)                         | 20.35               | (16.96 - 24.21)                       | 16.10             | (14.02 - 18.43)                     | 16.87             | (14.94 - 18.99)                     |
| Vermont        | 26.56             | (24.23 - 29.03)                     | 7.50                | (5.89 - 9.51)                         | 42.76               | (38.35 - 47.30)                       | 25.62             | (22.89 - 28.55)                     | 28.16             | (25.65 - 30.81)                     |
| Virginia       | 21.29             | (19.63 - 23.04)                     | 5.06                | (4.08 - 6.26)                         | 30.23               | (27.38 - 33.23)                       | 21.71             | (19.73 - 23.84)                     | 22.89             | (21.09 - 24.80)                     |
| Washington     | 20.53             | (18.47 - 22.75)                     | 5.46                | (4.31 - 6.90)                         | 28.07               | (24.67 - 31.74)                       | 21.03             | (18.62 - 23.66)                     | 21.97             | (19.73 - 24.38)                     |
| West Virginia  | 37.92             | (35.29 - 40.62)                     | 9.45                | (7.56 - 11.77)                        | 43.82               | (39.76 - 47.97)                       | 39.97             | (36.86 - 43.16)                     | 40.46             | (37.60 - 43.38)                     |
| Wisconsin      | 25.23             | (22.92 - 27.68)                     | 5.51                | (4.37 - 6.93)                         | 32.32               | (28.67 - 36.21)                       | 26.36             | (23.63 - 29.29)                     | 27.20             | (24.68 - 29.88)                     |
| Wyoming        | 26.98             | (24.70 - 29.39)                     | 6.62                | (5.28 - 8.28)                         | 38.59               | (34.78 - 42.55)                       | 27.54             | (24.83 - 30.43)                     | 29.06             | (26.56 - 31.69)                     |

NOTE: Tobacco Products include cigarettes, smokeless tobacco (i.e., snuff, dip, chewing tobacco, or "snus"), cigars, or pipe tobacco.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 18 Cigarette Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 18.47             | (18.11 - 18.84)                     | 3.29                | (3.06 - 3.55)                         | 22.90               | (22.26 - 23.56)                       | 19.54             | (19.10 - 19.98)                     | 20.01             | (19.61 - 20.41)                     |
| Northeast            | 17.54             | (16.84 - 18.26)                     | 2.94                | (2.61 - 3.31)                         | 22.38               | (21.16 - 23.65)                       | 18.34             | (17.48 - 19.23)                     | 18.90             | (18.14 - 19.68)                     |
| Midwest              | 20.61             | (20.00 - 21.25)                     | 4.04                | (3.67 - 4.44)                         | 25.03               | (23.94 - 26.15)                       | 21.88             | (21.10 - 22.67)                     | 22.32             | (21.65 - 23.02)                     |
| South                | 19.78             | (19.26 - 20.32)                     | 3.44                | (3.15 - 3.76)                         | 23.74               | (22.79 - 24.71)                       | 21.11             | (20.44 - 21.80)                     | 21.48             | (20.90 - 22.06)                     |
| West                 | 15.18             | (14.60 - 15.77)                     | 2.63                | (2.32 - 2.99)                         | 20.10               | (18.91 - 21.34)                       | 15.86             | (15.13 - 16.62)                     | 16.46             | (15.83 - 17.12)                     |
| Alabama              | 23.46             | (21.41 - 25.65)                     | 4.80                | (3.74 - 6.14)                         | 25.60               | (22.38 - 29.11)                       | 25.32             | (22.82 - 28.00)                     | 25.36             | (23.11 - 27.75)                     |
| Alaska               | 19.65             | (17.76 - 21.69)                     | 5.98                | (4.67 - 7.62)                         | 27.57               | (23.96 - 31.51)                       | 20.11             | (17.87 - 22.54)                     | 21.18             | (19.10 - 23.41)                     |
| Arizona              | 16.92             | (15.05 - 18.97)                     | 2.33                | (1.73 - 3.14)                         | 21.92               | (18.50 - 25.77)                       | 17.88             | (15.65 - 20.34)                     | 18.45             | (16.39 - 20.71)                     |
| Arkansas             | 24.65             | (22.42 - 27.02)                     | 4.86                | (3.81 - 6.17)                         | 27.38               | (23.87 - 31.19)                       | 26.64             | (23.92 - 29.55)                     | 26.74             | (24.29 - 29.34)                     |
| California           | 13.34             | (12.50 - 14.23)                     | 2.08                | (1.67 - 2.60)                         | 17.04               | (15.29 - 18.95)                       | 14.06             | (13.02 - 15.17)                     | 14.49             | (13.57 - 15.46)                     |
| Colorado             | 15.82             | (14.10 - 17.71)                     | 3.22                | (2.44 - 4.25)                         | 25.51               | (21.91 - 29.49)                       | 15.72             | (13.72 - 17.96)                     | 17.09             | (15.21 - 19.15)                     |
| Connecticut          | 16.84             | (14.97 - 18.89)                     | 2.49                | (1.86 - 3.32)                         | 23.71               | (20.31 - 27.48)                       | 17.38             | (15.16 - 19.85)                     | 18.27             | (16.22 - 20.51)                     |
| Delaware             | 18.36             | (16.42 - 20.47)                     | 2.56                | (1.94 - 3.37)                         | 21.69               | (18.56 - 25.19)                       | 19.56             | (17.27 - 22.08)                     | 19.84             | (17.73 - 22.14)                     |
| District of Columbia | 18.70             | (16.69 - 20.89)                     | 1.78                | (1.27 - 2.48)                         | 22.42               | (19.01 - 26.23)                       | 19.12             | (16.80 - 21.68)                     | 19.65             | (17.53 - 21.95)                     |
| Florida              | 16.68             | (15.50 - 17.93)                     | 2.76                | (2.23 - 3.41)                         | 19.08               | (17.11 - 21.21)                       | 17.72             | (16.31 - 19.22)                     | 17.89             | (16.61 - 19.24)                     |
| Georgia              | 18.90             | (17.31 - 20.60)                     | 3.43                | (2.69 - 4.37)                         | 23.29               | (20.52 - 26.32)                       | 20.20             | (18.24 - 22.30)                     | 20.64             | (18.88 - 22.52)                     |
| Hawaii               | 13.62             | (12.03 - 15.38)                     | 2.63                | (1.93 - 3.57)                         | 22.95               | (19.43 - 26.90)                       | 13.45             | (11.62 - 15.53)                     | 14.61             | (12.88 - 16.51)                     |
| Idaho                | 18.24             | (16.41 - 20.22)                     | 4.35                | (3.35 - 5.65)                         | 27.15               | (23.54 - 31.08)                       | 18.72             | (16.53 - 21.12)                     | 19.92             | (17.89 - 22.12)                     |
| Illinois             | 18.19             | (16.86 - 19.59)                     | 3.13                | (2.52 - 3.88)                         | 23.57               | (21.30 - 26.00)                       | 19.13             | (17.51 - 20.86)                     | 19.75             | (18.30 - 21.29)                     |
| Indiana              | 21.37             | (19.27 - 23.63)                     | 4.55                | (3.50 - 5.91)                         | 24.26               | (20.94 - 27.91)                       | 23.00             | (20.42 - 25.80)                     | 23.18             | (20.87 - 25.67)                     |
| Iowa                 | 20.97             | (18.96 - 23.13)                     | 3.70                | (2.83 - 4.84)                         | 28.58               | (25.02 - 32.43)                       | 21.71             | (19.30 - 24.34)                     | 22.75             | (20.55 - 25.11)                     |
| Kansas               | 19.68             | (17.75 - 21.77)                     | 3.43                | (2.62 - 4.48)                         | 23.90               | (20.59 - 27.55)                       | 21.06             | (18.72 - 23.62)                     | 21.49             | (19.35 - 23.79)                     |
| Kentucky             | 26.66             | (24.42 - 29.02)                     | 5.88                | (4.65 - 7.41)                         | 31.46               | (27.65 - 35.54)                       | 28.33             | (25.67 - 31.15)                     | 28.77             | (26.32 - 31.35)                     |
| Louisiana            | 23.92             | (21.89 - 26.07)                     | 4.36                | (3.40 - 5.59)                         | 27.11               | (23.54 - 31.01)                       | 25.79             | (23.35 - 28.40)                     | 25.98             | (23.75 - 28.34)                     |
| Maine                | 20.16             | (18.09 - 22.41)                     | 6.17                | (4.89 - 7.76)                         | 27.60               | (24.14 - 31.35)                       | 20.50             | (18.09 - 23.15)                     | 21.35             | (19.11 - 23.77)                     |
| Maryland             | 15.70             | (13.98 - 17.59)                     | 2.68                | (2.03 - 3.52)                         | 19.79               | (16.79 - 23.17)                       | 16.56             | (14.51 - 18.83)                     | 16.99             | (15.10 - 19.05)                     |
| Massachusetts        | 16.57             | (14.72 - 18.60)                     | 2.66                | (2.01 - 3.51)                         | 21.12               | (17.96 - 24.68)                       | 17.25             | (15.04 - 19.70)                     | 17.82             | (15.81 - 20.02)                     |
| Michigan             | 21.63             | (20.22 - 23.12)                     | 3.68                | (3.00 - 4.52)                         | 23.56               | (21.36 - 25.90)                       | 23.42             | (21.66 - 25.28)                     | 23.44             | (21.90 - 25.06)                     |
| Minnesota            | 18.26             | (16.48 - 20.17)                     | 3.82                | (2.93 - 4.96)                         | 25.90               | (22.50 - 29.63)                       | 18.76             | (16.62 - 21.11)                     | 19.74             | (17.80 - 21.84)                     |
| Mississippi          | 24.55             | (22.44 - 26.78)                     | 4.71                | (3.66 - 6.04)                         | 26.43               | (22.96 - 30.22)                       | 26.79             | (24.18 - 29.56)                     | 26.73             | (24.40 - 29.20)                     |
| Missouri             | 21.33             | (19.37 - 23.44)                     | 5.20                | (4.06 - 6.62)                         | 24.06               | (20.65 - 27.84)                       | 22.79             | (20.42 - 25.36)                     | 22.97             | (20.82 - 25.27)                     |
| Montana              | 20.53             | (18.62 - 22.60)                     | 6.03                | (4.75 - 7.62)                         | 28.45               | (24.94 - 32.23)                       | 20.83             | (18.57 - 23.29)                     | 21.88             | (19.81 - 24.11)                     |

See notes at end of table.

(continued)

**Table 18 Cigarette Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 20.81             | (18.85 - 22.92)                     | 3.68                | (2.84 - 4.75)                         | 26.25               | (22.82 - 29.99)                       | 22.05             | (19.70 - 24.60)                     | 22.69             | (20.53 - 25.00)                     |
| Nevada         | 19.54             | (17.51 - 21.74)                     | 2.78                | (2.08 - 3.71)                         | 22.33               | (18.88 - 26.20)                       | 21.06             | (18.63 - 23.71)                     | 21.22             | (19.00 - 23.63)                     |
| New Hampshire  | 17.68             | (15.75 - 19.80)                     | 4.87                | (3.80 - 6.21)                         | 25.55               | (22.14 - 29.29)                       | 17.80             | (15.54 - 20.31)                     | 18.84             | (16.75 - 21.12)                     |
| New Jersey     | 16.67             | (15.09 - 18.39)                     | 2.50                | (1.90 - 3.29)                         | 24.00               | (20.99 - 27.28)                       | 17.21             | (15.34 - 19.26)                     | 18.09             | (16.36 - 19.97)                     |
| New Mexico     | 20.06             | (18.04 - 22.25)                     | 2.74                | (2.00 - 3.74)                         | 25.33               | (21.73 - 29.31)                       | 21.34             | (18.92 - 23.99)                     | 21.91             | (19.68 - 24.31)                     |
| New York       | 16.16             | (15.07 - 17.31)                     | 2.41                | (1.94 - 2.99)                         | 19.30               | (17.32 - 21.45)                       | 17.10             | (15.78 - 18.52)                     | 17.41             | (16.23 - 18.66)                     |
| North Carolina | 20.08             | (18.48 - 21.79)                     | 3.45                | (2.74 - 4.33)                         | 25.55               | (22.74 - 28.58)                       | 21.19             | (19.25 - 23.28)                     | 21.79             | (20.03 - 23.65)                     |
| North Dakota   | 20.23             | (18.27 - 22.34)                     | 5.22                | (4.11 - 6.62)                         | 25.49               | (22.13 - 29.17)                       | 20.82             | (18.45 - 23.41)                     | 21.61             | (19.48 - 23.91)                     |
| Ohio           | 22.89             | (21.46 - 24.39)                     | 4.71                | (3.88 - 5.69)                         | 28.04               | (25.56 - 30.65)                       | 24.22             | (22.48 - 26.05)                     | 24.74             | (23.18 - 26.38)                     |
| Oklahoma       | 22.91             | (20.82 - 25.14)                     | 4.36                | (3.40 - 5.57)                         | 26.63               | (23.12 - 30.46)                       | 24.66             | (22.13 - 27.37)                     | 24.94             | (22.64 - 27.40)                     |
| Oregon         | 18.69             | (16.84 - 20.68)                     | 3.74                | (2.88 - 4.83)                         | 26.59               | (23.23 - 30.25)                       | 19.06             | (16.89 - 21.45)                     | 20.05             | (18.05 - 22.21)                     |
| Pennsylvania   | 20.55             | (19.14 - 22.03)                     | 3.71                | (3.03 - 4.54)                         | 25.32               | (22.99 - 27.79)                       | 21.61             | (19.92 - 23.41)                     | 22.11             | (20.58 - 23.72)                     |
| Rhode Island   | 17.66             | (15.74 - 19.76)                     | 2.97                | (2.26 - 3.91)                         | 21.15               | (17.88 - 24.84)                       | 18.56             | (16.26 - 21.12)                     | 18.95             | (16.87 - 21.23)                     |
| South Carolina | 21.85             | (19.90 - 23.94)                     | 4.42                | (3.45 - 5.64)                         | 25.15               | (21.98 - 28.61)                       | 23.31             | (20.95 - 25.84)                     | 23.56             | (21.43 - 25.83)                     |
| South Dakota   | 22.56             | (20.53 - 24.73)                     | 6.48                | (5.11 - 8.19)                         | 29.34               | (25.59 - 33.39)                       | 23.40             | (20.95 - 26.05)                     | 24.26             | (22.04 - 26.63)                     |
| Tennessee      | 23.40             | (21.40 - 25.52)                     | 4.72                | (3.70 - 6.02)                         | 27.56               | (23.96 - 31.48)                       | 24.91             | (22.50 - 27.48)                     | 25.27             | (23.09 - 27.58)                     |
| Texas          | 18.33             | (17.24 - 19.48)                     | 2.41                | (1.93 - 3.00)                         | 22.38               | (20.39 - 24.50)                       | 19.87             | (18.50 - 21.32)                     | 20.25             | (19.02 - 21.53)                     |
| Utah           | 13.34             | (11.86 - 14.97)                     | 2.66                | (1.93 - 3.67)                         | 17.78               | (14.76 - 21.27)                       | 14.20             | (12.36 - 16.25)                     | 14.84             | (13.17 - 16.68)                     |
| Vermont        | 20.55             | (18.46 - 22.80)                     | 5.75                | (4.49 - 7.35)                         | 33.38               | (28.91 - 38.17)                       | 19.77             | (17.37 - 22.42)                     | 21.79             | (19.55 - 24.21)                     |
| Virginia       | 17.02             | (15.57 - 18.58)                     | 3.36                | (2.63 - 4.30)                         | 23.78               | (21.22 - 26.56)                       | 17.50             | (15.78 - 19.37)                     | 18.37             | (16.79 - 20.06)                     |
| Washington     | 16.50             | (14.75 - 18.42)                     | 3.40                | (2.64 - 4.38)                         | 21.96               | (18.81 - 25.49)                       | 17.11             | (15.06 - 19.37)                     | 17.76             | (15.84 - 19.84)                     |
| West Virginia  | 29.93             | (27.46 - 32.52)                     | 6.42                | (4.99 - 8.24)                         | 33.51               | (29.70 - 37.56)                       | 31.81             | (28.85 - 34.91)                     | 32.03             | (29.35 - 34.82)                     |
| Wisconsin      | 20.23             | (18.20 - 22.43)                     | 3.85                | (2.98 - 4.97)                         | 23.46               | (20.14 - 27.15)                       | 21.61             | (19.15 - 24.30)                     | 21.88             | (19.65 - 24.28)                     |
| Wyoming        | 19.95             | (18.03 - 22.02)                     | 4.48                | (3.45 - 5.81)                         | 29.28               | (25.53 - 33.34)                       | 20.29             | (18.01 - 22.78)                     | 21.52             | (19.42 - 23.79)                     |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 19 Perceptions of Great Risk from Smoking One or More Packs of Cigarettes per Day, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Total U.S.           | 72.21             | (71.82 - 72.60)                  | 68.24               | (67.54 - 68.92)                    | 67.57               | (66.90 - 68.22)                    | 73.44             | (72.96 - 73.91)                  | 72.61             | (72.19 - 73.04)                  |
| Northeast            | 74.26             | (73.47 - 75.03)                  | 71.19               | (69.91 - 72.43)                    | 69.24               | (67.97 - 70.48)                    | 75.39             | (74.45 - 76.30)                  | 74.54             | (73.71 - 75.35)                  |
| Midwest              | 68.59             | (67.86 - 69.30)                  | 65.71               | (64.56 - 66.84)                    | 64.09               | (62.98 - 65.20)                    | 69.67             | (68.81 - 70.53)                  | 68.88             | (68.11 - 69.64)                  |
| South                | 71.87             | (71.30 - 72.44)                  | 67.62               | (66.62 - 68.61)                    | 67.14               | (66.14 - 68.12)                    | 73.14             | (72.46 - 73.81)                  | 72.31             | (71.70 - 72.91)                  |
| West                 | 74.44             | (73.74 - 75.13)                  | 69.45               | (68.20 - 70.66)                    | 70.09               | (68.80 - 71.34)                    | 75.76             | (74.91 - 76.59)                  | 74.95             | (74.20 - 75.68)                  |
| Alabama              | 68.99             | (66.68 - 71.21)                  | 66.83               | (63.12 - 70.34)                    | 64.33               | (60.84 - 67.68)                    | 70.00             | (67.16 - 72.69)                  | 69.21             | (66.73 - 71.58)                  |
| Alaska               | 70.11             | (67.73 - 72.38)                  | 63.29               | (59.31 - 67.08)                    | 63.68               | (59.81 - 67.38)                    | 72.08             | (69.18 - 74.80)                  | 70.87             | (68.34 - 73.28)                  |
| Arizona              | 73.41             | (71.07 - 75.62)                  | 70.53               | (66.85 - 73.97)                    | 70.17               | (66.39 - 73.70)                    | 74.30             | (71.40 - 77.00)                  | 73.71             | (71.18 - 76.10)                  |
| Arkansas             | 68.13             | (65.80 - 70.37)                  | 64.80               | (61.14 - 68.29)                    | 63.01               | (59.24 - 66.63)                    | 69.38             | (66.53 - 72.09)                  | 68.48             | (65.98 - 70.88)                  |
| California           | 76.63             | (75.55 - 77.67)                  | 71.04               | (69.09 - 72.92)                    | 73.17               | (71.15 - 75.09)                    | 77.87             | (76.55 - 79.15)                  | 77.19             | (76.02 - 78.32)                  |
| Colorado             | 73.50             | (71.34 - 75.56)                  | 67.77               | (63.84 - 71.47)                    | 67.84               | (64.05 - 71.40)                    | 75.09             | (72.48 - 77.54)                  | 74.08             | (71.79 - 76.24)                  |
| Connecticut          | 74.30             | (71.94 - 76.53)                  | 72.10               | (68.13 - 75.76)                    | 70.71               | (67.19 - 74.00)                    | 75.13             | (72.26 - 77.80)                  | 74.51             | (72.00 - 76.87)                  |
| Delaware             | 71.90             | (69.49 - 74.18)                  | 69.23               | (65.55 - 72.68)                    | 70.28               | (66.65 - 73.68)                    | 72.42             | (69.52 - 75.14)                  | 72.14             | (69.58 - 74.57)                  |
| District of Columbia | 76.51             | (74.38 - 78.51)                  | 64.77               | (60.76 - 68.58)                    | 70.88               | (67.02 - 74.46)                    | 78.39             | (75.86 - 80.72)                  | 77.16             | (74.96 - 79.22)                  |
| Florida              | 76.68             | (75.27 - 78.04)                  | 71.49               | (69.31 - 73.58)                    | 72.05               | (69.83 - 74.17)                    | 77.82             | (76.14 - 79.42)                  | 77.13             | (75.62 - 78.58)                  |
| Georgia              | 71.73             | (69.83 - 73.55)                  | 70.74               | (67.46 - 73.83)                    | 67.48               | (64.41 - 70.40)                    | 72.57             | (70.26 - 74.77)                  | 71.83             | (69.79 - 73.79)                  |
| Hawaii               | 72.77             | (70.36 - 75.05)                  | 65.69               | (61.38 - 69.75)                    | 65.31               | (61.37 - 69.04)                    | 74.51             | (71.62 - 77.20)                  | 73.40             | (70.83 - 75.82)                  |
| Idaho                | 71.52             | (69.27 - 73.66)                  | 68.24               | (64.47 - 71.79)                    | 64.12               | (60.28 - 67.78)                    | 73.21             | (70.43 - 75.81)                  | 71.91             | (69.48 - 74.21)                  |
| Illinois             | 72.82             | (71.30 - 74.29)                  | 67.26               | (64.65 - 69.76)                    | 67.63               | (65.05 - 70.11)                    | 74.33             | (72.46 - 76.11)                  | 73.39             | (71.76 - 74.97)                  |
| Indiana              | 67.84             | (65.54 - 70.06)                  | 63.23               | (59.33 - 66.97)                    | 63.72               | (60.10 - 67.19)                    | 69.15             | (66.29 - 71.86)                  | 68.34             | (65.88 - 70.70)                  |
| Iowa                 | 65.98             | (63.51 - 68.37)                  | 64.61               | (60.84 - 68.20)                    | 60.73               | (57.07 - 64.28)                    | 67.08             | (64.05 - 69.98)                  | 66.12             | (63.48 - 68.66)                  |
| Kansas               | 68.69             | (66.31 - 70.97)                  | 69.04               | (65.17 - 72.67)                    | 63.87               | (60.12 - 67.45)                    | 69.50             | (66.57 - 72.29)                  | 68.65             | (66.10 - 71.09)                  |
| Kentucky             | 64.98             | (62.46 - 67.41)                  | 62.19               | (58.32 - 65.92)                    | 59.84               | (55.98 - 63.58)                    | 66.14             | (63.02 - 69.12)                  | 65.26             | (62.55 - 67.87)                  |
| Louisiana            | 67.72             | (65.36 - 69.99)                  | 62.51               | (58.65 - 66.22)                    | 63.36               | (59.66 - 66.90)                    | 69.08             | (66.22 - 71.79)                  | 68.26             | (65.75 - 70.68)                  |
| Maine                | 70.78             | (68.22 - 73.22)                  | 68.37               | (64.78 - 71.76)                    | 63.42               | (59.80 - 66.89)                    | 71.99             | (68.93 - 74.86)                  | 70.98             | (68.26 - 73.56)                  |
| Maryland             | 76.27             | (74.19 - 78.23)                  | 71.94               | (68.23 - 75.37)                    | 72.33               | (68.81 - 75.59)                    | 77.36             | (74.85 - 79.68)                  | 76.69             | (74.48 - 78.77)                  |
| Massachusetts        | 73.58             | (71.18 - 75.84)                  | 70.92               | (67.14 - 74.43)                    | 71.11               | (67.56 - 74.43)                    | 74.28             | (71.36 - 77.00)                  | 73.81             | (71.27 - 76.20)                  |
| Michigan             | 68.84             | (67.19 - 70.45)                  | 68.13               | (65.59 - 70.57)                    | 65.64               | (63.16 - 68.02)                    | 69.46             | (67.42 - 71.43)                  | 68.91             | (67.14 - 70.63)                  |
| Minnesota            | 68.67             | (66.37 - 70.88)                  | 63.77               | (59.82 - 67.54)                    | 61.93               | (58.04 - 65.67)                    | 70.31             | (67.53 - 72.95)                  | 69.17             | (66.70 - 71.53)                  |
| Mississippi          | 68.80             | (66.40 - 71.11)                  | 61.77               | (57.85 - 65.54)                    | 65.68               | (61.78 - 69.37)                    | 70.25             | (67.30 - 73.05)                  | 69.57             | (67.00 - 72.03)                  |
| Missouri             | 67.40             | (64.99 - 69.73)                  | 66.65               | (62.70 - 70.38)                    | 61.22               | (57.33 - 64.97)                    | 68.49             | (65.54 - 71.31)                  | 67.48             | (64.88 - 69.97)                  |
| Montana              | 69.38             | (67.10 - 71.57)                  | 63.20               | (59.22 - 67.01)                    | 60.11               | (56.38 - 63.73)                    | 71.52             | (68.77 - 74.13)                  | 69.95             | (67.54 - 72.26)                  |

See notes at end of table.

(continued)



**Table 19 Perceptions of Great Risk from Smoking One or More Packs of Cigarettes per Day, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Nebraska       | 66.83             | (64.43 - 69.14)                  | 64.08               | (60.32 - 67.68)                    | 63.42               | (59.75 - 66.94)                    | 67.79             | (64.85 - 70.59)                  | 67.12             | (64.57 - 69.58)                  |
| Nevada         | 71.86             | (69.38 - 74.22)                  | 66.17               | (62.13 - 69.98)                    | 69.77               | (65.91 - 73.37)                    | 72.82             | (69.88 - 75.57)                  | 72.43             | (69.81 - 74.91)                  |
| New Hampshire  | 71.37             | (69.02 - 73.62)                  | 70.42               | (66.74 - 73.85)                    | 66.00               | (62.35 - 69.46)                    | 72.30             | (69.44 - 74.99)                  | 71.46             | (68.94 - 73.84)                  |
| New Jersey     | 77.11             | (75.22 - 78.91)                  | 74.20               | (70.93 - 77.23)                    | 68.46               | (65.04 - 71.68)                    | 78.73             | (76.45 - 80.84)                  | 77.40             | (75.38 - 79.30)                  |
| New Mexico     | 71.37             | (69.09 - 73.54)                  | 62.42               | (58.43 - 66.25)                    | 64.74               | (60.86 - 68.43)                    | 73.57             | (70.81 - 76.15)                  | 72.32             | (69.89 - 74.62)                  |
| New York       | 76.63             | (75.28 - 77.93)                  | 72.35               | (70.14 - 74.46)                    | 70.47               | (68.26 - 72.60)                    | 78.08             | (76.44 - 79.64)                  | 77.01             | (75.57 - 78.40)                  |
| North Carolina | 69.92             | (67.96 - 71.81)                  | 66.26               | (62.97 - 69.39)                    | 65.06               | (62.01 - 67.99)                    | 71.12             | (68.73 - 73.39)                  | 70.29             | (68.19 - 72.31)                  |
| North Dakota   | 66.19             | (63.90 - 68.41)                  | 64.63               | (60.97 - 68.13)                    | 62.17               | (58.48 - 65.73)                    | 67.20             | (64.32 - 69.95)                  | 66.33             | (63.88 - 68.69)                  |
| Ohio           | 66.50             | (64.80 - 68.15)                  | 64.37               | (61.80 - 66.86)                    | 63.59               | (61.05 - 66.07)                    | 67.20             | (65.14 - 69.21)                  | 66.71             | (64.88 - 68.49)                  |
| Oklahoma       | 67.89             | (65.43 - 70.25)                  | 61.00               | (56.84 - 65.00)                    | 65.93               | (62.24 - 69.44)                    | 69.11             | (66.11 - 71.95)                  | 68.64             | (66.03 - 71.14)                  |
| Oregon         | 70.91             | (68.61 - 73.11)                  | 67.04               | (63.28 - 70.59)                    | 64.17               | (60.60 - 67.59)                    | 72.32             | (69.55 - 74.93)                  | 71.26             | (68.82 - 73.59)                  |
| Pennsylvania   | 69.83             | (68.23 - 71.38)                  | 67.74               | (65.16 - 70.21)                    | 67.40               | (64.84 - 69.85)                    | 70.42             | (68.48 - 72.30)                  | 70.02             | (68.31 - 71.67)                  |
| Rhode Island   | 73.68             | (71.46 - 75.78)                  | 68.47               | (64.56 - 72.14)                    | 68.66               | (64.91 - 72.18)                    | 75.12             | (72.46 - 77.60)                  | 74.13             | (71.80 - 76.34)                  |
| South Carolina | 69.46             | (67.04 - 71.77)                  | 64.24               | (60.50 - 67.81)                    | 64.61               | (61.20 - 67.87)                    | 70.79             | (67.88 - 73.55)                  | 69.96             | (67.40 - 72.41)                  |
| South Dakota   | 66.33             | (63.97 - 68.62)                  | 61.82               | (57.96 - 65.55)                    | 61.46               | (57.72 - 65.06)                    | 67.71             | (64.81 - 70.48)                  | 66.80             | (64.26 - 69.26)                  |
| Tennessee      | 68.93             | (66.67 - 71.11)                  | 64.36               | (60.69 - 67.88)                    | 63.99               | (60.28 - 67.55)                    | 70.24             | (67.48 - 72.87)                  | 69.39             | (66.97 - 71.70)                  |
| Texas          | 72.85             | (71.64 - 74.02)                  | 68.07               | (65.80 - 70.25)                    | 67.36               | (65.16 - 69.50)                    | 74.51             | (72.99 - 75.97)                  | 73.42             | (72.10 - 74.69)                  |
| Utah           | 74.93             | (72.83 - 76.91)                  | 74.79               | (70.89 - 78.33)                    | 68.10               | (64.08 - 71.87)                    | 76.48             | (73.87 - 78.90)                  | 74.94             | (72.70 - 77.06)                  |
| Vermont        | 71.36             | (68.97 - 73.63)                  | 68.10               | (64.19 - 71.76)                    | 65.33               | (61.43 - 69.04)                    | 72.72             | (69.83 - 75.44)                  | 71.63             | (69.10 - 74.02)                  |
| Virginia       | 72.64             | (70.76 - 74.44)                  | 69.65               | (66.62 - 72.51)                    | 68.82               | (65.88 - 71.61)                    | 73.59             | (71.31 - 75.75)                  | 72.93             | (70.92 - 74.85)                  |
| Washington     | 70.82             | (68.51 - 73.02)                  | 65.64               | (61.81 - 69.27)                    | 65.05               | (61.23 - 68.68)                    | 72.27             | (69.49 - 74.89)                  | 71.31             | (68.87 - 73.63)                  |
| West Virginia  | 65.07             | (62.52 - 67.53)                  | 65.37               | (61.47 - 69.07)                    | 59.93               | (56.07 - 63.67)                    | 65.78             | (62.73 - 68.71)                  | 65.04             | (62.32 - 67.66)                  |
| Wisconsin      | 67.56             | (65.19 - 69.84)                  | 64.76               | (61.18 - 68.18)                    | 63.06               | (59.32 - 66.65)                    | 68.62             | (65.68 - 71.42)                  | 67.83             | (65.30 - 70.27)                  |
| Wyoming        | 67.68             | (65.30 - 69.98)                  | 62.36               | (58.34 - 66.22)                    | 61.79               | (58.03 - 65.42)                    | 69.24             | (66.40 - 71.95)                  | 68.22             | (65.69 - 70.65)                  |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 20 *Illicit Drug Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs***

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 2.76              | (2.65 - 2.87)                       | 3.07                | (2.85 - 3.31)                         | 7.17                | (6.80 - 7.56)                         | 2.00              | (1.88 - 2.12)                       | 2.72              | (2.61 - 2.84)                       |
| Northeast            | 2.79              | (2.56 - 3.03)                       | 2.84                | (2.51 - 3.21)                         | 7.67                | (7.01 - 8.38)                         | 2.00              | (1.77 - 2.27)                       | 2.78              | (2.55 - 3.04)                       |
| Midwest              | 2.62              | (2.43 - 2.83)                       | 2.86                | (2.55 - 3.21)                         | 6.62                | (6.07 - 7.21)                         | 1.93              | (1.72 - 2.16)                       | 2.60              | (2.39 - 2.81)                       |
| South                | 2.62              | (2.46 - 2.79)                       | 2.88                | (2.61 - 3.17)                         | 6.99                | (6.52 - 7.50)                         | 1.89              | (1.72 - 2.08)                       | 2.60              | (2.43 - 2.78)                       |
| West                 | 3.07              | (2.83 - 3.33)                       | 3.73                | (3.28 - 4.24)                         | 7.58                | (6.88 - 8.34)                         | 2.24              | (1.98 - 2.53)                       | 3.00              | (2.74 - 3.28)                       |
| Alabama              | 2.86              | (2.29 - 3.57)                       | 2.73                | (2.02 - 3.67)                         | 7.25                | (5.58 - 9.36)                         | 2.16              | (1.59 - 2.93)                       | 2.87              | (2.27 - 3.63)                       |
| Alaska               | 3.69              | (2.98 - 4.57)                       | 4.55                | (3.41 - 6.04)                         | 7.88                | (6.08 - 10.14)                        | 2.88              | (2.14 - 3.86)                       | 3.60              | (2.86 - 4.53)                       |
| Arizona              | 2.79              | (2.22 - 3.49)                       | 3.52                | (2.64 - 4.67)                         | 7.07                | (5.35 - 9.30)                         | 1.98              | (1.44 - 2.72)                       | 2.71              | (2.12 - 3.45)                       |
| Arkansas             | 2.80              | (2.22 - 3.51)                       | 3.12                | (2.34 - 4.13)                         | 6.01                | (4.53 - 7.92)                         | 2.23              | (1.64 - 3.03)                       | 2.76              | (2.16 - 3.53)                       |
| California           | 2.97              | (2.62 - 3.37)                       | 3.73                | (3.07 - 4.52)                         | 7.27                | (6.23 - 8.48)                         | 2.15              | (1.78 - 2.59)                       | 2.89              | (2.52 - 3.31)                       |
| Colorado             | 3.43              | (2.78 - 4.23)                       | 3.88                | (2.93 - 5.13)                         | 9.66                | (7.53 - 12.31)                        | 2.37              | (1.76 - 3.18)                       | 3.39              | (2.71 - 4.22)                       |
| Connecticut          | 3.47              | (2.80 - 4.29)                       | 3.48                | (2.56 - 4.71)                         | 10.16               | (7.98 - 12.86)                        | 2.38              | (1.74 - 3.26)                       | 3.47              | (2.77 - 4.34)                       |
| Delaware             | 3.35              | (2.67 - 4.18)                       | 3.46                | (2.58 - 4.63)                         | 8.38                | (6.55 - 10.67)                        | 2.58              | (1.90 - 3.51)                       | 3.33              | (2.63 - 4.22)                       |
| District of Columbia | 3.93              | (3.15 - 4.88)                       | 3.68                | (2.76 - 4.91)                         | 8.36                | (6.43 - 10.79)                        | 3.08              | (2.31 - 4.10)                       | 3.94              | (3.14 - 4.93)                       |
| Florida              | 2.71              | (2.34 - 3.13)                       | 3.62                | (2.97 - 4.39)                         | 7.19                | (6.09 - 8.49)                         | 2.01              | (1.63 - 2.47)                       | 2.63              | (2.25 - 3.08)                       |
| Georgia              | 2.39              | (1.95 - 2.93)                       | 2.43                | (1.83 - 3.23)                         | 6.06                | (4.74 - 7.72)                         | 1.77              | (1.32 - 2.36)                       | 2.39              | (1.92 - 2.97)                       |
| Hawaii               | 2.31              | (1.81 - 2.94)                       | 2.89                | (2.12 - 3.92)                         | 6.57                | (5.00 - 8.58)                         | 1.67              | (1.17 - 2.36)                       | 2.26              | (1.74 - 2.92)                       |
| Idaho                | 2.63              | (2.10 - 3.28)                       | 3.10                | (2.33 - 4.12)                         | 5.94                | (4.45 - 7.88)                         | 2.01              | (1.48 - 2.72)                       | 2.57              | (2.01 - 3.27)                       |
| Illinois             | 2.59              | (2.19 - 3.07)                       | 2.94                | (2.33 - 3.70)                         | 6.81                | (5.60 - 8.27)                         | 1.87              | (1.45 - 2.40)                       | 2.56              | (2.13 - 3.07)                       |
| Indiana              | 2.48              | (1.97 - 3.12)                       | 2.52                | (1.85 - 3.43)                         | 6.22                | (4.74 - 8.13)                         | 1.82              | (1.32 - 2.49)                       | 2.47              | (1.94 - 3.15)                       |
| Iowa                 | 2.35              | (1.87 - 2.96)                       | 2.76                | (2.02 - 3.75)                         | 6.27                | (4.77 - 8.20)                         | 1.60              | (1.16 - 2.21)                       | 2.31              | (1.81 - 2.94)                       |
| Kansas               | 2.31              | (1.79 - 2.97)                       | 2.43                | (1.76 - 3.35)                         | 5.67                | (4.25 - 7.54)                         | 1.69              | (1.19 - 2.40)                       | 2.29              | (1.75 - 3.00)                       |
| Kentucky             | 2.82              | (2.27 - 3.49)                       | 2.92                | (2.18 - 3.89)                         | 7.38                | (5.72 - 9.48)                         | 2.07              | (1.54 - 2.77)                       | 2.81              | (2.24 - 3.52)                       |
| Louisiana            | 2.67              | (2.11 - 3.38)                       | 2.42                | (1.78 - 3.28)                         | 6.63                | (5.03 - 8.70)                         | 2.05              | (1.50 - 2.81)                       | 2.70              | (2.11 - 3.45)                       |
| Maine                | 3.03              | (2.42 - 3.80)                       | 3.55                | (2.66 - 4.71)                         | 8.00                | (6.23 - 10.22)                        | 2.32              | (1.71 - 3.15)                       | 2.99              | (2.35 - 3.79)                       |
| Maryland             | 2.79              | (2.24 - 3.47)                       | 2.73                | (2.03 - 3.65)                         | 8.01                | (6.26 - 10.19)                        | 1.99              | (1.45 - 2.73)                       | 2.79              | (2.21 - 3.52)                       |
| Massachusetts        | 3.22              | (2.57 - 4.02)                       | 3.13                | (2.34 - 4.16)                         | 8.33                | (6.46 - 10.67)                        | 2.34              | (1.72 - 3.19)                       | 3.22              | (2.55 - 4.07)                       |
| Michigan             | 2.96              | (2.52 - 3.47)                       | 2.91                | (2.32 - 3.63)                         | 7.16                | (5.95 - 8.59)                         | 2.26              | (1.80 - 2.84)                       | 2.97              | (2.50 - 3.51)                       |
| Minnesota            | 2.36              | (1.87 - 2.96)                       | 3.10                | (2.30 - 4.16)                         | 5.99                | (4.54 - 7.85)                         | 1.69              | (1.21 - 2.35)                       | 2.28              | (1.77 - 2.93)                       |
| Mississippi          | 2.73              | (2.18 - 3.42)                       | 2.88                | (2.17 - 3.81)                         | 6.54                | (4.99 - 8.54)                         | 2.05              | (1.50 - 2.79)                       | 2.71              | (2.13 - 3.45)                       |
| Missouri             | 2.54              | (2.02 - 3.19)                       | 2.66                | (1.97 - 3.56)                         | 6.20                | (4.66 - 8.21)                         | 1.93              | (1.41 - 2.63)                       | 2.53              | (1.98 - 3.22)                       |
| Montana              | 3.11              | (2.53 - 3.82)                       | 3.93                | (2.95 - 5.22)                         | 8.10                | (6.33 - 10.32)                        | 2.22              | (1.65 - 2.99)                       | 3.03              | (2.43 - 3.78)                       |

See notes at end of table.

(continued)

**Table 20 Illicit Drug Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 2.54              | (2.01 - 3.21)                       | 2.71                | (2.03 - 3.62)                         | 6.95                | (5.33 - 9.01)                         | 1.73              | (1.24 - 2.41)                       | 2.52              | (1.96 - 3.23)                       |
| Nevada         | 3.48              | (2.80 - 4.33)                       | 4.17                | (3.12 - 5.56)                         | 9.48                | (7.31 - 12.22)                        | 2.53              | (1.86 - 3.44)                       | 3.41              | (2.70 - 4.31)                       |
| New Hampshire  | 3.15              | (2.56 - 3.89)                       | 3.44                | (2.57 - 4.57)                         | 9.57                | (7.51 - 12.10)                        | 2.13              | (1.57 - 2.90)                       | 3.13              | (2.50 - 3.90)                       |
| New Jersey     | 2.28              | (1.85 - 2.80)                       | 2.46                | (1.86 - 3.25)                         | 6.80                | (5.36 - 8.60)                         | 1.58              | (1.17 - 2.13)                       | 2.26              | (1.81 - 2.81)                       |
| New Mexico     | 3.17              | (2.55 - 3.93)                       | 4.11                | (3.06 - 5.50)                         | 8.41                | (6.48 - 10.83)                        | 2.18              | (1.58 - 3.01)                       | 3.07              | (2.42 - 3.87)                       |
| New York       | 2.73              | (2.36 - 3.17)                       | 2.87                | (2.34 - 3.53)                         | 7.67                | (6.52 - 8.99)                         | 1.92              | (1.53 - 2.40)                       | 2.72              | (2.32 - 3.18)                       |
| North Carolina | 2.72              | (2.25 - 3.29)                       | 2.99                | (2.30 - 3.89)                         | 7.49                | (6.01 - 9.29)                         | 1.94              | (1.47 - 2.56)                       | 2.69              | (2.20 - 3.29)                       |
| North Dakota   | 2.52              | (1.96 - 3.24)                       | 2.93                | (2.13 - 4.01)                         | 5.65                | (4.22 - 7.52)                         | 1.82              | (1.27 - 2.62)                       | 2.48              | (1.89 - 3.24)                       |
| Ohio           | 2.97              | (2.56 - 3.44)                       | 3.10                | (2.49 - 3.86)                         | 7.51                | (6.28 - 8.97)                         | 2.23              | (1.80 - 2.77)                       | 2.96              | (2.52 - 3.46)                       |
| Oklahoma       | 2.77              | (2.16 - 3.55)                       | 3.09                | (2.24 - 4.25)                         | 6.94                | (5.26 - 9.12)                         | 2.01              | (1.41 - 2.87)                       | 2.74              | (2.10 - 3.56)                       |
| Oregon         | 3.32              | (2.68 - 4.12)                       | 3.96                | (3.02 - 5.17)                         | 7.85                | (6.08 - 10.08)                        | 2.58              | (1.92 - 3.46)                       | 3.27              | (2.59 - 4.11)                       |
| Pennsylvania   | 2.63              | (2.22 - 3.12)                       | 2.47                | (1.92 - 3.17)                         | 6.64                | (5.46 - 8.04)                         | 2.03              | (1.60 - 2.58)                       | 2.65              | (2.21 - 3.17)                       |
| Rhode Island   | 3.46              | (2.77 - 4.31)                       | 3.88                | (2.91 - 5.16)                         | 8.45                | (6.53 - 10.87)                        | 2.52              | (1.85 - 3.42)                       | 3.43              | (2.71 - 4.32)                       |
| South Carolina | 2.75              | (2.20 - 3.44)                       | 3.13                | (2.36 - 4.15)                         | 7.65                | (5.94 - 9.78)                         | 1.95              | (1.42 - 2.66)                       | 2.71              | (2.14 - 3.44)                       |
| South Dakota   | 3.08              | (2.46 - 3.86)                       | 3.63                | (2.72 - 4.82)                         | 6.94                | (5.33 - 9.00)                         | 2.36              | (1.71 - 3.24)                       | 3.02              | (2.37 - 3.85)                       |
| Tennessee      | 2.70              | (2.17 - 3.36)                       | 3.10                | (2.35 - 4.09)                         | 7.34                | (5.62 - 9.53)                         | 1.92              | (1.41 - 2.60)                       | 2.66              | (2.11 - 3.35)                       |
| Texas          | 2.28              | (1.97 - 2.65)                       | 2.56                | (2.05 - 3.21)                         | 6.56                | (5.52 - 7.77)                         | 1.48              | (1.17 - 1.86)                       | 2.25              | (1.92 - 2.64)                       |
| Utah           | 2.95              | (2.38 - 3.65)                       | 2.72                | (2.02 - 3.66)                         | 6.93                | (5.28 - 9.06)                         | 2.10              | (1.55 - 2.85)                       | 2.99              | (2.38 - 3.74)                       |
| Vermont        | 3.76              | (3.05 - 4.63)                       | 3.99                | (2.99 - 5.30)                         | 11.17               | (8.55 - 14.47)                        | 2.45              | (1.80 - 3.32)                       | 3.74              | (2.99 - 4.67)                       |
| Virginia       | 2.74              | (2.26 - 3.31)                       | 2.57                | (1.95 - 3.38)                         | 7.38                | (5.98 - 9.08)                         | 2.01              | (1.54 - 2.64)                       | 2.75              | (2.25 - 3.36)                       |
| Washington     | 3.50              | (2.81 - 4.36)                       | 4.16                | (3.15 - 5.49)                         | 7.99                | (6.17 - 10.29)                        | 2.74              | (2.02 - 3.70)                       | 3.44              | (2.72 - 4.34)                       |
| West Virginia  | 2.73              | (2.20 - 3.38)                       | 3.36                | (2.50 - 4.49)                         | 7.17                | (5.53 - 9.26)                         | 2.02              | (1.50 - 2.70)                       | 2.67              | (2.12 - 3.35)                       |
| Wisconsin      | 2.17              | (1.70 - 2.77)                       | 2.76                | (2.03 - 3.73)                         | 5.69                | (4.26 - 7.55)                         | 1.52              | (1.07 - 2.16)                       | 2.11              | (1.62 - 2.75)                       |
| Wyoming        | 2.53              | (1.99 - 3.22)                       | 3.47                | (2.55 - 4.71)                         | 5.82                | (4.37 - 7.73)                         | 1.90              | (1.37 - 2.63)                       | 2.44              | (1.88 - 3.15)                       |

NOTE: Illicit Drug Use Disorder is defined as meeting criteria for illicit drug dependence or abuse. Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

NOTE: Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine. Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 21 Pain Reliever Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 0.63              | (0.58 - 0.69)                       | 0.50                | (0.41 - 0.61)                         | 0.91                | (0.80 - 1.05)                         | 0.60              | (0.54 - 0.67)                       | 0.65              | (0.59 - 0.71)                       |
| Northeast            | 0.63              | (0.54 - 0.72)                       | 0.42                | (0.32 - 0.55)                         | 0.86                | (0.70 - 1.06)                         | 0.61              | (0.51 - 0.73)                       | 0.64              | (0.55 - 0.75)                       |
| Midwest              | 0.67              | (0.59 - 0.76)                       | 0.50                | (0.39 - 0.63)                         | 1.00                | (0.83 - 1.20)                         | 0.64              | (0.54 - 0.75)                       | 0.69              | (0.60 - 0.79)                       |
| South                | 0.65              | (0.58 - 0.73)                       | 0.51                | (0.41 - 0.64)                         | 1.00                | (0.84 - 1.18)                         | 0.61              | (0.52 - 0.70)                       | 0.66              | (0.58 - 0.75)                       |
| West                 | 0.59              | (0.51 - 0.67)                       | 0.55                | (0.42 - 0.72)                         | 0.76                | (0.61 - 0.94)                         | 0.56              | (0.47 - 0.67)                       | 0.59              | (0.51 - 0.68)                       |
| Alabama              | 0.77              | (0.57 - 1.03)                       | 0.52                | (0.32 - 0.84)                         | 1.33                | (0.88 - 2.02)                         | 0.71              | (0.49 - 1.03)                       | 0.80              | (0.58 - 1.09)                       |
| Alaska               | 0.67              | (0.49 - 0.91)                       | 0.60                | (0.36 - 0.97)                         | 0.79                | (0.49 - 1.26)                         | 0.66              | (0.45 - 0.97)                       | 0.68              | (0.48 - 0.95)                       |
| Arizona              | 0.63              | (0.46 - 0.85)                       | 0.52                | (0.32 - 0.83)                         | 0.93                | (0.59 - 1.45)                         | 0.59              | (0.40 - 0.86)                       | 0.64              | (0.46 - 0.88)                       |
| Arkansas             | 0.79              | (0.58 - 1.08)                       | 0.53                | (0.33 - 0.85)                         | 1.08                | (0.69 - 1.68)                         | 0.78              | (0.53 - 1.14)                       | 0.82              | (0.59 - 1.13)                       |
| California           | 0.51              | (0.40 - 0.64)                       | 0.57                | (0.39 - 0.84)                         | 0.56                | (0.38 - 0.82)                         | 0.49              | (0.36 - 0.66)                       | 0.50              | (0.39 - 0.64)                       |
| Colorado             | 0.67              | (0.49 - 0.90)                       | 0.49                | (0.29 - 0.82)                         | 1.19                | (0.78 - 1.82)                         | 0.60              | (0.41 - 0.88)                       | 0.68              | (0.50 - 0.94)                       |
| Connecticut          | 0.62              | (0.45 - 0.85)                       | 0.48                | (0.30 - 0.77)                         | 0.95                | (0.60 - 1.52)                         | 0.58              | (0.39 - 0.86)                       | 0.63              | (0.45 - 0.89)                       |
| Delaware             | 0.73              | (0.53 - 1.01)                       | 0.49                | (0.30 - 0.79)                         | 0.91                | (0.59 - 1.40)                         | 0.73              | (0.49 - 1.07)                       | 0.75              | (0.53 - 1.05)                       |
| District of Columbia | 0.55              | (0.38 - 0.78)                       | 0.45                | (0.25 - 0.81)                         | 0.66                | (0.41 - 1.07)                         | 0.53              | (0.34 - 0.83)                       | 0.56              | (0.38 - 0.80)                       |
| Florida              | 0.63              | (0.49 - 0.79)                       | 0.54                | (0.37 - 0.78)                         | 0.97                | (0.70 - 1.35)                         | 0.59              | (0.44 - 0.79)                       | 0.63              | (0.49 - 0.81)                       |
| Georgia              | 0.62              | (0.47 - 0.83)                       | 0.48                | (0.31 - 0.74)                         | 0.87                | (0.58 - 1.32)                         | 0.60              | (0.42 - 0.86)                       | 0.64              | (0.47 - 0.87)                       |
| Hawaii               | 0.47              | (0.33 - 0.66)                       | 0.54                | (0.31 - 0.94)                         | 0.58                | (0.35 - 0.96)                         | 0.44              | (0.29 - 0.68)                       | 0.46              | (0.31 - 0.67)                       |
| Idaho                | 0.76              | (0.57 - 1.03)                       | 0.58                | (0.37 - 0.90)                         | 1.07                | (0.71 - 1.62)                         | 0.74              | (0.51 - 1.08)                       | 0.79              | (0.57 - 1.08)                       |
| Illinois             | 0.58              | (0.44 - 0.76)                       | 0.55                | (0.36 - 0.83)                         | 0.81                | (0.54 - 1.21)                         | 0.54              | (0.38 - 0.77)                       | 0.58              | (0.43 - 0.78)                       |
| Indiana              | 0.74              | (0.55 - 1.00)                       | 0.49                | (0.31 - 0.78)                         | 1.23                | (0.81 - 1.85)                         | 0.69              | (0.47 - 1.01)                       | 0.77              | (0.56 - 1.05)                       |
| Iowa                 | 0.68              | (0.49 - 0.94)                       | 0.46                | (0.28 - 0.74)                         | 0.97                | (0.62 - 1.50)                         | 0.65              | (0.43 - 0.98)                       | 0.70              | (0.50 - 0.99)                       |
| Kansas               | 0.65              | (0.48 - 0.89)                       | 0.46                | (0.29 - 0.76)                         | 0.92                | (0.58 - 1.44)                         | 0.63              | (0.43 - 0.92)                       | 0.67              | (0.49 - 0.93)                       |
| Kentucky             | 0.82              | (0.61 - 1.11)                       | 0.45                | (0.28 - 0.72)                         | 1.36                | (0.90 - 2.05)                         | 0.78              | (0.54 - 1.12)                       | 0.86              | (0.63 - 1.17)                       |
| Louisiana            | 0.70              | (0.51 - 0.94)                       | 0.44                | (0.28 - 0.70)                         | 1.15                | (0.74 - 1.76)                         | 0.65              | (0.44 - 0.96)                       | 0.72              | (0.53 - 0.99)                       |
| Maine                | 0.78              | (0.58 - 1.05)                       | 0.46                | (0.29 - 0.74)                         | 1.39                | (0.92 - 2.10)                         | 0.73              | (0.50 - 1.05)                       | 0.80              | (0.59 - 1.10)                       |
| Maryland             | 0.59              | (0.43 - 0.82)                       | 0.47                | (0.29 - 0.76)                         | 0.78                | (0.49 - 1.22)                         | 0.58              | (0.38 - 0.86)                       | 0.60              | (0.42 - 0.86)                       |
| Massachusetts        | 0.68              | (0.49 - 0.94)                       | 0.44                | (0.27 - 0.72)                         | 0.80                | (0.51 - 1.25)                         | 0.68              | (0.46 - 1.01)                       | 0.70              | (0.50 - 0.98)                       |
| Michigan             | 0.74              | (0.58 - 0.95)                       | 0.49                | (0.32 - 0.73)                         | 0.98                | (0.69 - 1.41)                         | 0.73              | (0.54 - 0.99)                       | 0.77              | (0.59 - 0.99)                       |
| Minnesota            | 0.59              | (0.43 - 0.82)                       | 0.44                | (0.27 - 0.72)                         | 0.81                | (0.51 - 1.26)                         | 0.57              | (0.38 - 0.86)                       | 0.61              | (0.43 - 0.86)                       |
| Mississippi          | 0.75              | (0.55 - 1.02)                       | 0.50                | (0.31 - 0.81)                         | 1.23                | (0.79 - 1.89)                         | 0.70              | (0.47 - 1.03)                       | 0.78              | (0.56 - 1.07)                       |
| Missouri             | 0.69              | (0.51 - 0.93)                       | 0.50                | (0.31 - 0.81)                         | 1.04                | (0.67 - 1.60)                         | 0.65              | (0.44 - 0.95)                       | 0.70              | (0.51 - 0.97)                       |
| Montana              | 0.72              | (0.53 - 0.96)                       | 0.49                | (0.31 - 0.79)                         | 1.19                | (0.78 - 1.81)                         | 0.66              | (0.46 - 0.97)                       | 0.74              | (0.54 - 1.01)                       |

See notes at end of table.

(continued)

**Table 21 Pain Reliever Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Nebraska       | 0.65              | (0.48 - 0.88)                    | 0.47                | (0.29 - 0.77)                      | 0.95                | (0.62 - 1.45)                      | 0.62              | (0.42 - 0.90)                    | 0.67              | (0.48 - 0.92)                    |
| Nevada         | 0.69              | (0.49 - 0.98)                    | 0.61                | (0.37 - 0.99)                      | 0.93                | (0.58 - 1.49)                      | 0.67              | (0.44 - 1.01)                    | 0.70              | (0.49 - 1.01)                    |
| New Hampshire  | 0.69              | (0.51 - 0.94)                    | 0.48                | (0.30 - 0.76)                      | 1.24                | (0.80 - 1.90)                      | 0.63              | (0.43 - 0.93)                    | 0.71              | (0.52 - 0.98)                    |
| New Jersey     | 0.60              | (0.44 - 0.83)                    | 0.43                | (0.27 - 0.71)                      | 0.82                | (0.52 - 1.27)                      | 0.59              | (0.40 - 0.87)                    | 0.62              | (0.44 - 0.87)                    |
| New Mexico     | 0.52              | (0.39 - 0.71)                    | 0.59                | (0.36 - 0.98)                      | 0.93                | (0.60 - 1.45)                      | 0.45              | (0.30 - 0.67)                    | 0.52              | (0.37 - 0.72)                    |
| New York       | 0.56              | (0.43 - 0.73)                    | 0.39                | (0.26 - 0.59)                      | 0.72                | (0.50 - 1.04)                      | 0.55              | (0.40 - 0.76)                    | 0.58              | (0.44 - 0.76)                    |
| North Carolina | 0.65              | (0.49 - 0.86)                    | 0.46                | (0.29 - 0.73)                      | 0.88                | (0.58 - 1.32)                      | 0.64              | (0.45 - 0.90)                    | 0.67              | (0.50 - 0.91)                    |
| North Dakota   | 0.66              | (0.49 - 0.89)                    | 0.46                | (0.29 - 0.74)                      | 1.05                | (0.70 - 1.58)                      | 0.60              | (0.41 - 0.89)                    | 0.68              | (0.50 - 0.93)                    |
| Ohio           | 0.73              | (0.57 - 0.93)                    | 0.51                | (0.35 - 0.76)                      | 1.20                | (0.85 - 1.70)                      | 0.68              | (0.50 - 0.92)                    | 0.75              | (0.58 - 0.97)                    |
| Oklahoma       | 0.69              | (0.50 - 0.93)                    | 0.52                | (0.33 - 0.82)                      | 0.88                | (0.55 - 1.40)                      | 0.67              | (0.46 - 0.97)                    | 0.70              | (0.51 - 0.98)                    |
| Oregon         | 0.69              | (0.50 - 0.95)                    | 0.51                | (0.32 - 0.80)                      | 0.87                | (0.55 - 1.38)                      | 0.69              | (0.47 - 1.00)                    | 0.71              | (0.51 - 0.99)                    |
| Pennsylvania   | 0.68              | (0.53 - 0.88)                    | 0.40                | (0.26 - 0.63)                      | 1.02                | (0.71 - 1.46)                      | 0.66              | (0.49 - 0.91)                    | 0.71              | (0.54 - 0.93)                    |
| Rhode Island   | 0.61              | (0.45 - 0.83)                    | 0.43                | (0.26 - 0.70)                      | 0.84                | (0.54 - 1.32)                      | 0.59              | (0.40 - 0.86)                    | 0.63              | (0.45 - 0.87)                    |
| South Carolina | 0.73              | (0.53 - 1.00)                    | 0.49                | (0.31 - 0.77)                      | 1.30                | (0.85 - 1.98)                      | 0.67              | (0.45 - 1.00)                    | 0.75              | (0.54 - 1.05)                    |
| South Dakota   | 0.69              | (0.50 - 0.96)                    | 0.51                | (0.32 - 0.82)                      | 0.93                | (0.59 - 1.46)                      | 0.68              | (0.45 - 1.01)                    | 0.71              | (0.50 - 1.01)                    |
| Tennessee      | 0.76              | (0.56 - 1.02)                    | 0.49                | (0.30 - 0.79)                      | 1.34                | (0.87 - 2.05)                      | 0.69              | (0.47 - 1.02)                    | 0.78              | (0.57 - 1.07)                    |
| Texas          | 0.55              | (0.43 - 0.69)                    | 0.58                | (0.39 - 0.87)                      | 0.91                | (0.63 - 1.29)                      | 0.48              | (0.35 - 0.66)                    | 0.54              | (0.42 - 0.71)                    |
| Utah           | 0.79              | (0.59 - 1.07)                    | 0.51                | (0.31 - 0.84)                      | 1.25                | (0.81 - 1.95)                      | 0.74              | (0.50 - 1.09)                    | 0.83              | (0.61 - 1.15)                    |
| Vermont        | 0.76              | (0.55 - 1.04)                    | 0.42                | (0.25 - 0.71)                      | 1.26                | (0.81 - 1.96)                      | 0.70              | (0.48 - 1.04)                    | 0.79              | (0.57 - 1.09)                    |
| Virginia       | 0.62              | (0.46 - 0.82)                    | 0.47                | (0.30 - 0.74)                      | 0.81                | (0.54 - 1.21)                      | 0.60              | (0.42 - 0.86)                    | 0.63              | (0.46 - 0.86)                    |
| Washington     | 0.69              | (0.50 - 0.95)                    | 0.54                | (0.34 - 0.86)                      | 0.82                | (0.52 - 1.29)                      | 0.68              | (0.47 - 1.00)                    | 0.70              | (0.50 - 0.98)                    |
| West Virginia  | 0.79              | (0.59 - 1.07)                    | 0.44                | (0.27 - 0.72)                      | 1.36                | (0.90 - 2.07)                      | 0.75              | (0.52 - 1.07)                    | 0.83              | (0.61 - 1.12)                    |
| Wisconsin      | 0.62              | (0.46 - 0.85)                    | 0.45                | (0.28 - 0.72)                      | 0.98                | (0.63 - 1.50)                      | 0.59              | (0.40 - 0.87)                    | 0.64              | (0.46 - 0.89)                    |
| Wyoming        | 0.67              | (0.49 - 0.92)                    | 0.53                | (0.32 - 0.86)                      | 1.02                | (0.65 - 1.59)                      | 0.64              | (0.43 - 0.93)                    | 0.69              | (0.50 - 0.96)                    |

NOTE: Pain Reliever Use Disorder is defined as meeting criteria for pain reliever dependence or abuse. Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

NOTE: Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 22 Alcohol Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 5.46              | (5.29 - 5.64)                       | 1.87                | (1.70 - 2.06)                         | 10.35               | (9.90 - 10.81)                        | 5.09              | (4.88 - 5.30)                       | 5.82              | (5.63 - 6.02)                       |
| Northeast            | 5.61              | (5.24 - 6.01)                       | 1.82                | (1.55 - 2.14)                         | 10.98               | (10.14 - 11.89)                       | 5.17              | (4.75 - 5.62)                       | 5.97              | (5.57 - 6.39)                       |
| Midwest              | 5.82              | (5.52 - 6.14)                       | 1.99                | (1.75 - 2.27)                         | 11.47               | (10.75 - 12.23)                       | 5.35              | (5.00 - 5.71)                       | 6.22              | (5.89 - 6.56)                       |
| South                | 4.99              | (4.73 - 5.25)                       | 1.67                | (1.45 - 1.91)                         | 9.28                | (8.70 - 9.90)                         | 4.69              | (4.40 - 5.00)                       | 5.33              | (5.06 - 5.62)                       |
| West                 | 5.77              | (5.42 - 6.15)                       | 2.11                | (1.81 - 2.46)                         | 10.54               | (9.72 - 11.42)                        | 5.42              | (5.01 - 5.86)                       | 6.15              | (5.77 - 6.55)                       |
| Alabama              | 4.51              | (3.64 - 5.57)                       | 1.54                | (1.00 - 2.38)                         | 7.93                | (6.21 - 10.08)                        | 4.30              | (3.35 - 5.51)                       | 4.81              | (3.88 - 5.95)                       |
| Alaska               | 6.57              | (5.48 - 7.86)                       | 2.21                | (1.52 - 3.22)                         | 11.26               | (9.05 - 13.91)                        | 6.35              | (5.12 - 7.85)                       | 7.06              | (5.88 - 8.45)                       |
| Arizona              | 5.49              | (4.50 - 6.69)                       | 1.85                | (1.23 - 2.77)                         | 11.31               | (9.02 - 14.08)                        | 4.97              | (3.90 - 6.32)                       | 5.88              | (4.81 - 7.16)                       |
| Arkansas             | 5.38              | (4.45 - 6.50)                       | 2.12                | (1.44 - 3.10)                         | 9.32                | (7.40 - 11.68)                        | 5.14              | (4.11 - 6.40)                       | 5.73              | (4.72 - 6.93)                       |
| California           | 5.51              | (4.98 - 6.09)                       | 2.01                | (1.56 - 2.57)                         | 9.90                | (8.67 - 11.28)                        | 5.18              | (4.58 - 5.86)                       | 5.87              | (5.30 - 6.49)                       |
| Colorado             | 6.30              | (5.31 - 7.47)                       | 2.07                | (1.40 - 3.04)                         | 12.23               | (9.91 - 15.01)                        | 5.83              | (4.74 - 7.16)                       | 6.73              | (5.66 - 7.98)                       |
| Connecticut          | 6.10              | (5.02 - 7.40)                       | 2.68                | (1.77 - 4.03)                         | 11.18               | (8.95 - 13.87)                        | 5.68              | (4.50 - 7.13)                       | 6.44              | (5.29 - 7.82)                       |
| Delaware             | 6.15              | (5.08 - 7.42)                       | 1.79                | (1.20 - 2.67)                         | 10.09               | (8.06 - 12.56)                        | 6.03              | (4.84 - 7.48)                       | 6.56              | (5.41 - 7.92)                       |
| District of Columbia | 9.08              | (7.62 - 10.78)                      | 1.97                | (1.25 - 3.08)                         | 13.62               | (11.03 - 16.71)                       | 8.67              | (7.06 - 10.60)                      | 9.48              | (7.95 - 11.26)                      |
| Florida              | 5.29              | (4.68 - 5.96)                       | 2.03                | (1.55 - 2.64)                         | 9.95                | (8.63 - 11.46)                        | 4.97              | (4.29 - 5.75)                       | 5.57              | (4.92 - 6.29)                       |
| Georgia              | 4.42              | (3.69 - 5.29)                       | 1.27                | (0.83 - 1.94)                         | 7.83                | (6.28 - 9.72)                         | 4.26              | (3.44 - 5.27)                       | 4.78              | (3.98 - 5.72)                       |
| Hawaii               | 5.23              | (4.26 - 6.41)                       | 2.15                | (1.39 - 3.30)                         | 11.26               | (8.98 - 14.04)                        | 4.72              | (3.68 - 6.04)                       | 5.51              | (4.48 - 6.76)                       |
| Idaho                | 5.90              | (4.88 - 7.11)                       | 2.31                | (1.59 - 3.34)                         | 10.39               | (8.29 - 12.94)                        | 5.65              | (4.51 - 7.06)                       | 6.33              | (5.23 - 7.64)                       |
| Illinois             | 6.25              | (5.52 - 7.07)                       | 2.39                | (1.77 - 3.21)                         | 12.16               | (10.42 - 14.14)                       | 5.76              | (4.93 - 6.71)                       | 6.65              | (5.87 - 7.53)                       |
| Indiana              | 5.24              | (4.32 - 6.33)                       | 1.58                | (1.03 - 2.43)                         | 10.69               | (8.60 - 13.22)                        | 4.75              | (3.77 - 5.95)                       | 5.63              | (4.65 - 6.80)                       |
| Iowa                 | 7.08              | (5.97 - 8.39)                       | 2.25                | (1.54 - 3.29)                         | 14.25               | (11.82 - 17.09)                       | 6.39              | (5.17 - 7.87)                       | 7.58              | (6.38 - 8.99)                       |
| Kansas               | 5.52              | (4.59 - 6.64)                       | 2.39                | (1.63 - 3.51)                         | 11.27               | (9.00 - 14.01)                        | 4.91              | (3.91 - 6.14)                       | 5.87              | (4.87 - 7.07)                       |
| Kentucky             | 4.94              | (4.01 - 6.08)                       | 1.61                | (1.05 - 2.48)                         | 8.95                | (7.00 - 11.37)                        | 4.68              | (3.66 - 5.97)                       | 5.28              | (4.27 - 6.51)                       |
| Louisiana            | 6.16              | (5.11 - 7.41)                       | 2.26                | (1.53 - 3.34)                         | 10.03               | (7.96 - 12.55)                        | 6.00              | (4.82 - 7.44)                       | 6.57              | (5.44 - 7.92)                       |
| Maine                | 5.62              | (4.59 - 6.87)                       | 2.26                | (1.54 - 3.29)                         | 10.50               | (8.38 - 13.09)                        | 5.29              | (4.18 - 6.68)                       | 5.91              | (4.81 - 7.23)                       |
| Maryland             | 5.37              | (4.43 - 6.51)                       | 1.44                | (0.93 - 2.22)                         | 10.46               | (8.32 - 13.06)                        | 5.04              | (4.01 - 6.32)                       | 5.76              | (4.75 - 6.98)                       |
| Massachusetts        | 7.12              | (5.93 - 8.53)                       | 2.18                | (1.44 - 3.28)                         | 14.10               | (11.37 - 17.35)                       | 6.44              | (5.15 - 8.01)                       | 7.56              | (6.29 - 9.07)                       |
| Michigan             | 5.49              | (4.82 - 6.24)                       | 1.81                | (1.33 - 2.47)                         | 9.64                | (8.29 - 11.19)                        | 5.22              | (4.45 - 6.12)                       | 5.86              | (5.14 - 6.67)                       |
| Minnesota            | 5.06              | (4.22 - 6.06)                       | 1.70                | (1.14 - 2.53)                         | 10.94               | (8.81 - 13.51)                        | 4.53              | (3.63 - 5.64)                       | 5.41              | (4.50 - 6.48)                       |
| Mississippi          | 4.42              | (3.59 - 5.43)                       | 1.25                | (0.81 - 1.93)                         | 7.91                | (6.15 - 10.12)                        | 4.23              | (3.31 - 5.38)                       | 4.77              | (3.87 - 5.86)                       |
| Missouri             | 5.33              | (4.38 - 6.46)                       | 1.86                | (1.24 - 2.78)                         | 9.49                | (7.50 - 11.93)                        | 5.06              | (4.03 - 6.33)                       | 5.68              | (4.67 - 6.89)                       |
| Montana              | 7.65              | (6.48 - 9.01)                       | 3.72                | (2.50 - 5.52)                         | 13.85               | (11.28 - 16.90)                       | 7.08              | (5.81 - 8.61)                       | 8.01              | (6.78 - 9.45)                       |

See notes at end of table.

(continued)

**Table 22 Alcohol Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 5.80              | (4.82 - 6.95)                       | 2.17                | (1.46 - 3.22)                         | 12.54               | (10.16 - 15.37)                       | 5.06              | (4.03 - 6.34)                       | 6.19              | (5.15 - 7.43)                       |
| Nevada         | 5.66              | (4.65 - 6.88)                       | 2.33                | (1.55 - 3.48)                         | 11.75               | (9.43 - 14.55)                        | 5.16              | (4.07 - 6.53)                       | 6.00              | (4.92 - 7.30)                       |
| New Hampshire  | 6.13              | (5.09 - 7.37)                       | 1.98                | (1.35 - 2.90)                         | 12.94               | (10.40 - 15.99)                       | 5.52              | (4.40 - 6.89)                       | 6.51              | (5.40 - 7.83)                       |
| New Jersey     | 4.71              | (3.95 - 5.62)                       | 1.54                | (1.02 - 2.32)                         | 11.11               | (9.11 - 13.50)                        | 4.13              | (3.32 - 5.12)                       | 5.03              | (4.22 - 6.00)                       |
| New Mexico     | 6.01              | (5.00 - 7.22)                       | 2.22                | (1.48 - 3.33)                         | 10.87               | (8.71 - 13.49)                        | 5.68              | (4.58 - 7.03)                       | 6.42              | (5.33 - 7.71)                       |
| New York       | 5.67              | (5.00 - 6.42)                       | 1.79                | (1.33 - 2.40)                         | 9.80                | (8.44 - 11.35)                        | 5.41              | (4.66 - 6.27)                       | 6.02              | (5.31 - 6.83)                       |
| North Carolina | 4.38              | (3.63 - 5.28)                       | 1.31                | (0.86 - 2.00)                         | 7.34                | (5.80 - 9.24)                         | 4.28              | (3.44 - 5.31)                       | 4.69              | (3.89 - 5.66)                       |
| North Dakota   | 6.55              | (5.48 - 7.82)                       | 2.07                | (1.41 - 3.03)                         | 12.49               | (10.17 - 15.25)                       | 5.83              | (4.68 - 7.22)                       | 6.97              | (5.82 - 8.31)                       |
| Ohio           | 5.60              | (4.92 - 6.37)                       | 1.71                | (1.24 - 2.35)                         | 11.41               | (9.81 - 13.22)                        | 5.13              | (4.37 - 6.02)                       | 5.99              | (5.26 - 6.82)                       |
| Oklahoma       | 5.90              | (4.90 - 7.09)                       | 1.97                | (1.32 - 2.92)                         | 9.93                | (7.92 - 12.38)                        | 5.71              | (4.59 - 7.08)                       | 6.33              | (5.25 - 7.61)                       |
| Oregon         | 7.46              | (6.28 - 8.83)                       | 2.94                | (2.05 - 4.21)                         | 12.49               | (10.21 - 15.20)                       | 7.18              | (5.89 - 8.73)                       | 7.87              | (6.62 - 9.33)                       |
| Pennsylvania   | 4.97              | (4.35 - 5.67)                       | 1.50                | (1.06 - 2.12)                         | 10.32               | (8.85 - 12.00)                        | 4.52              | (3.83 - 5.32)                       | 5.29              | (4.63 - 6.04)                       |
| Rhode Island   | 6.74              | (5.61 - 8.07)                       | 2.25                | (1.52 - 3.33)                         | 12.48               | (10.08 - 15.36)                       | 6.17              | (4.93 - 7.70)                       | 7.13              | (5.93 - 8.56)                       |
| South Carolina | 5.43              | (4.50 - 6.53)                       | 1.57                | (1.02 - 2.40)                         | 11.44               | (9.33 - 13.96)                        | 4.93              | (3.91 - 6.20)                       | 5.80              | (4.81 - 6.99)                       |
| South Dakota   | 7.51              | (6.30 - 8.94)                       | 3.47                | (2.38 - 5.04)                         | 13.57               | (11.10 - 16.49)                       | 6.99              | (5.63 - 8.64)                       | 7.94              | (6.64 - 9.48)                       |
| Tennessee      | 4.82              | (3.97 - 5.85)                       | 1.66                | (1.10 - 2.50)                         | 9.42                | (7.40 - 11.91)                        | 4.46              | (3.54 - 5.61)                       | 5.14              | (4.22 - 6.25)                       |
| Texas          | 4.58              | (4.08 - 5.15)                       | 1.60                | (1.18 - 2.15)                         | 9.06                | (7.82 - 10.48)                        | 4.20              | (3.63 - 4.86)                       | 4.94              | (4.39 - 5.56)                       |
| Utah           | 4.89              | (4.07 - 5.86)                       | 1.75                | (1.17 - 2.62)                         | 8.92                | (7.03 - 11.27)                        | 4.52              | (3.64 - 5.61)                       | 5.33              | (4.43 - 6.39)                       |
| Vermont        | 7.26              | (6.05 - 8.69)                       | 2.53                | (1.69 - 3.78)                         | 16.03               | (12.96 - 19.66)                       | 6.20              | (4.94 - 7.74)                       | 7.65              | (6.37 - 9.17)                       |
| Virginia       | 5.49              | (4.69 - 6.41)                       | 1.90                | (1.33 - 2.70)                         | 10.77               | (8.95 - 12.89)                        | 5.05              | (4.16 - 6.13)                       | 5.84              | (4.99 - 6.83)                       |
| Washington     | 6.09              | (5.01 - 7.38)                       | 2.29                | (1.56 - 3.37)                         | 10.55               | (8.42 - 13.14)                        | 5.82              | (4.64 - 7.28)                       | 6.45              | (5.30 - 7.83)                       |
| West Virginia  | 4.44              | (3.57 - 5.51)                       | 1.67                | (1.09 - 2.55)                         | 9.28                | (7.22 - 11.86)                        | 4.02              | (3.10 - 5.20)                       | 4.69              | (3.76 - 5.83)                       |
| Wisconsin      | 6.96              | (5.85 - 8.25)                       | 2.27                | (1.56 - 3.29)                         | 14.44               | (11.95 - 17.34)                       | 6.28              | (5.07 - 7.74)                       | 7.43              | (6.24 - 8.82)                       |
| Wyoming        | 6.34              | (5.27 - 7.59)                       | 2.68                | (1.81 - 3.96)                         | 11.90               | (9.62 - 14.64)                        | 5.88              | (4.75 - 7.26)                       | 6.71              | (5.58 - 8.04)                       |

NOTE: Alcohol Use Disorder is defined as meeting criteria for alcohol dependence or abuse. Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 23 Substance Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 7.35              | (7.15 - 7.55)                       | 4.13                | (3.87 - 4.40)                         | 14.97               | (14.46 - 15.50)                       | 6.49              | (6.26 - 6.73)                       | 7.68              | (7.46 - 7.90)                       |
| Northeast            | 7.63              | (7.21 - 8.06)                       | 3.84                | (3.44 - 4.28)                         | 16.35               | (15.33 - 17.43)                       | 6.64              | (6.16 - 7.16)                       | 7.98              | (7.53 - 8.45)                       |
| Midwest              | 7.63              | (7.27 - 8.01)                       | 4.09                | (3.72 - 4.50)                         | 15.33               | (14.45 - 16.25)                       | 6.78              | (6.36 - 7.24)                       | 8.00              | (7.61 - 8.40)                       |
| South                | 6.77              | (6.47 - 7.09)                       | 3.82                | (3.48 - 4.19)                         | 13.97               | (13.20 - 14.77)                       | 5.97              | (5.60 - 6.36)                       | 7.08              | (6.75 - 7.42)                       |
| West                 | 7.82              | (7.42 - 8.24)                       | 4.85                | (4.33 - 5.42)                         | 15.20               | (14.20 - 16.26)                       | 6.95              | (6.48 - 7.45)                       | 8.12              | (7.69 - 8.59)                       |
| Alabama              | 6.59              | (5.54 - 7.83)                       | 3.96                | (2.93 - 5.33)                         | 12.09               | (9.88 - 14.71)                        | 6.01              | (4.83 - 7.46)                       | 6.86              | (5.72 - 8.20)                       |
| Alaska               | 8.98              | (7.75 - 10.39)                      | 6.54                | (4.98 - 8.55)                         | 16.53               | (13.90 - 19.54)                       | 8.04              | (6.65 - 9.68)                       | 9.26              | (7.94 - 10.77)                      |
| Arizona              | 7.45              | (6.31 - 8.77)                       | 4.77                | (3.67 - 6.17)                         | 15.98               | (13.23 - 19.17)                       | 6.36              | (5.13 - 7.86)                       | 7.73              | (6.51 - 9.16)                       |
| Arkansas             | 7.37              | (6.28 - 8.64)                       | 4.10                | (3.17 - 5.30)                         | 13.55               | (11.15 - 16.38)                       | 6.76              | (5.53 - 8.24)                       | 7.72              | (6.53 - 9.10)                       |
| California           | 7.48              | (6.90 - 8.11)                       | 4.63                | (3.93 - 5.44)                         | 14.20               | (12.70 - 15.85)                       | 6.69              | (6.01 - 7.43)                       | 7.78              | (7.14 - 8.46)                       |
| Colorado             | 8.76              | (7.59 - 10.07)                      | 5.60                | (4.29 - 7.27)                         | 19.39               | (16.37 - 22.82)                       | 7.39              | (6.14 - 8.88)                       | 9.07              | (7.83 - 10.49)                      |
| Connecticut          | 8.40              | (7.21 - 9.78)                       | 4.64                | (3.53 - 6.08)                         | 18.34               | (15.50 - 21.56)                       | 7.22              | (5.89 - 8.83)                       | 8.77              | (7.49 - 10.26)                      |
| Delaware             | 8.53              | (7.28 - 9.97)                       | 4.32                | (3.31 - 5.63)                         | 16.08               | (13.46 - 19.11)                       | 7.86              | (6.46 - 9.54)                       | 8.93              | (7.59 - 10.48)                      |
| District of Columbia | 11.21             | (9.73 - 12.87)                      | 5.14                | (3.93 - 6.70)                         | 19.23               | (16.19 - 22.69)                       | 10.05             | (8.43 - 11.94)                      | 11.55             | (10.00 - 13.29)                     |
| Florida              | 6.95              | (6.24 - 7.72)                       | 4.54                | (3.78 - 5.43)                         | 14.56               | (12.89 - 16.41)                       | 6.14              | (5.34 - 7.04)                       | 7.16              | (6.40 - 7.99)                       |
| Georgia              | 6.00              | (5.15 - 6.98)                       | 3.18                | (2.44 - 4.13)                         | 11.59               | (9.72 - 13.78)                        | 5.43              | (4.47 - 6.58)                       | 6.32              | (5.40 - 7.38)                       |
| Hawaii               | 6.77              | (5.73 - 8.00)                       | 3.93                | (2.96 - 5.19)                         | 15.37               | (12.71 - 18.47)                       | 5.88              | (4.74 - 7.28)                       | 7.03              | (5.91 - 8.34)                       |
| Idaho                | 7.79              | (6.64 - 9.13)                       | 4.65                | (3.61 - 5.96)                         | 13.18               | (10.77 - 16.02)                       | 7.34              | (6.01 - 8.94)                       | 8.18              | (6.91 - 9.64)                       |
| Illinois             | 7.98              | (7.15 - 8.90)                       | 4.67                | (3.75 - 5.79)                         | 16.03               | (14.08 - 18.20)                       | 7.07              | (6.14 - 8.14)                       | 8.32              | (7.43 - 9.32)                       |
| Indiana              | 7.14              | (6.03 - 8.44)                       | 3.29                | (2.47 - 4.37)                         | 14.61               | (12.11 - 17.52)                       | 6.33              | (5.12 - 7.81)                       | 7.56              | (6.36 - 8.97)                       |
| Iowa                 | 8.73              | (7.51 - 10.12)                      | 4.18                | (3.23 - 5.38)                         | 17.23               | (14.49 - 20.38)                       | 7.76              | (6.41 - 9.38)                       | 9.20              | (7.88 - 10.71)                      |
| Kansas               | 6.92              | (5.90 - 8.10)                       | 4.09                | (3.18 - 5.25)                         | 14.05               | (11.59 - 16.92)                       | 6.02              | (4.90 - 7.37)                       | 7.24              | (6.14 - 8.51)                       |
| Kentucky             | 7.12              | (6.00 - 8.42)                       | 3.62                | (2.77 - 4.72)                         | 13.72               | (11.28 - 16.59)                       | 6.46              | (5.21 - 7.97)                       | 7.47              | (6.27 - 8.88)                       |
| Louisiana            | 8.02              | (6.85 - 9.37)                       | 3.89                | (2.98 - 5.05)                         | 14.25               | (11.79 - 17.12)                       | 7.50              | (6.18 - 9.08)                       | 8.46              | (7.19 - 9.92)                       |
| Maine                | 8.08              | (6.84 - 9.52)                       | 4.75                | (3.69 - 6.09)                         | 16.02               | (13.39 - 19.04)                       | 7.33              | (5.94 - 9.02)                       | 8.36              | (7.04 - 9.90)                       |
| Maryland             | 7.49              | (6.41 - 8.75)                       | 3.45                | (2.65 - 4.48)                         | 16.84               | (14.09 - 20.00)                       | 6.52              | (5.32 - 7.97)                       | 7.89              | (6.72 - 9.25)                       |
| Massachusetts        | 9.64              | (8.24 - 11.25)                      | 4.26                | (3.26 - 5.55)                         | 19.92               | (16.83 - 23.41)                       | 8.44              | (6.89 - 10.30)                      | 10.13             | (8.62 - 11.86)                      |
| Michigan             | 7.56              | (6.77 - 8.44)                       | 3.87                | (3.15 - 4.75)                         | 14.47               | (12.70 - 16.45)                       | 6.84              | (5.92 - 7.89)                       | 7.93              | (7.08 - 8.88)                       |
| Minnesota            | 6.72              | (5.69 - 7.92)                       | 4.27                | (3.25 - 5.60)                         | 14.88               | (12.38 - 17.78)                       | 5.72              | (4.62 - 7.06)                       | 6.97              | (5.87 - 8.27)                       |
| Mississippi          | 6.44              | (5.40 - 7.67)                       | 3.49                | (2.64 - 4.61)                         | 12.82               | (10.43 - 15.65)                       | 5.72              | (4.57 - 7.14)                       | 6.77              | (5.64 - 8.11)                       |
| Missouri             | 7.29              | (6.18 - 8.59)                       | 3.72                | (2.83 - 4.87)                         | 13.08               | (10.65 - 15.97)                       | 6.77              | (5.53 - 8.27)                       | 7.66              | (6.45 - 9.06)                       |
| Montana              | 8.98              | (7.75 - 10.38)                      | 6.30                | (4.86 - 8.11)                         | 17.91               | (15.23 - 20.95)                       | 7.84              | (6.48 - 9.47)                       | 9.23              | (7.92 - 10.73)                      |

See notes at end of table.

(continued)



**Table 23 Substance Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 7.69              | (6.60 - 8.94)                       | 4.05                | (3.14 - 5.21)                         | 16.10               | (13.44 - 19.18)                       | 6.66              | (5.45 - 8.10)                       | 8.08              | (6.90 - 9.45)                       |
| Nevada         | 8.04              | (6.82 - 9.45)                       | 5.20                | (3.96 - 6.78)                         | 18.76               | (15.63 - 22.35)                       | 6.81              | (5.48 - 8.42)                       | 8.32              | (7.02 - 9.85)                       |
| New Hampshire  | 8.32              | (7.20 - 9.60)                       | 4.25                | (3.29 - 5.49)                         | 19.33               | (16.38 - 22.68)                       | 7.04              | (5.81 - 8.51)                       | 8.69              | (7.48 - 10.06)                      |
| New Jersey     | 6.23              | (5.35 - 7.24)                       | 3.34                | (2.58 - 4.32)                         | 15.80               | (13.31 - 18.66)                       | 5.14              | (4.20 - 6.27)                       | 6.52              | (5.57 - 7.61)                       |
| New Mexico     | 8.01              | (6.84 - 9.35)                       | 6.01                | (4.61 - 7.82)                         | 16.81               | (14.06 - 19.97)                       | 6.80              | (5.52 - 8.36)                       | 8.22              | (6.96 - 9.68)                       |
| New York       | 7.71              | (6.99 - 8.50)                       | 4.04                | (3.33 - 4.89)                         | 15.18               | (13.47 - 17.06)                       | 6.88              | (6.05 - 7.82)                       | 8.04              | (7.27 - 8.89)                       |
| North Carolina | 6.27              | (5.39 - 7.29)                       | 3.63                | (2.84 - 4.62)                         | 12.25               | (10.22 - 14.61)                       | 5.64              | (4.67 - 6.81)                       | 6.54              | (5.59 - 7.64)                       |
| North Dakota   | 8.24              | (7.06 - 9.60)                       | 4.39                | (3.38 - 5.68)                         | 15.13               | (12.55 - 18.13)                       | 7.25              | (5.95 - 8.80)                       | 8.60              | (7.33 - 10.06)                      |
| Ohio           | 7.67              | (6.87 - 8.55)                       | 3.99                | (3.26 - 4.87)                         | 15.97               | (14.15 - 17.97)                       | 6.79              | (5.87 - 7.83)                       | 8.05              | (7.19 - 9.00)                       |
| Oklahoma       | 7.44              | (6.30 - 8.77)                       | 4.36                | (3.34 - 5.67)                         | 13.93               | (11.46 - 16.84)                       | 6.72              | (5.45 - 8.26)                       | 7.78              | (6.54 - 9.22)                       |
| Oregon         | 9.39              | (8.06 - 10.92)                      | 5.30                | (4.14 - 6.78)                         | 17.17               | (14.56 - 20.13)                       | 8.65              | (7.14 - 10.45)                      | 9.76              | (8.33 - 11.41)                      |
| Pennsylvania   | 6.88              | (6.13 - 7.71)                       | 3.19                | (2.55 - 3.97)                         | 15.19               | (13.37 - 17.20)                       | 5.99              | (5.14 - 6.96)                       | 7.22              | (6.42 - 8.12)                       |
| Rhode Island   | 8.44              | (7.23 - 9.82)                       | 4.69                | (3.60 - 6.09)                         | 17.28               | (14.41 - 20.58)                       | 7.24              | (5.94 - 8.80)                       | 8.77              | (7.49 - 10.24)                      |
| South Carolina | 7.53              | (6.41 - 8.82)                       | 4.09                | (3.13 - 5.33)                         | 16.69               | (14.05 - 19.72)                       | 6.49              | (5.26 - 7.99)                       | 7.86              | (6.66 - 9.26)                       |
| South Dakota   | 9.18              | (7.87 - 10.67)                      | 5.59                | (4.38 - 7.11)                         | 17.38               | (14.58 - 20.58)                       | 8.23              | (6.76 - 9.99)                       | 9.56              | (8.14 - 11.18)                      |
| Tennessee      | 6.66              | (5.66 - 7.82)                       | 3.86                | (2.97 - 4.99)                         | 14.12               | (11.63 - 17.04)                       | 5.81              | (4.73 - 7.10)                       | 6.94              | (5.87 - 8.20)                       |
| Texas          | 6.14              | (5.53 - 6.81)                       | 3.61                | (2.96 - 4.41)                         | 13.62               | (11.98 - 15.45)                       | 5.16              | (4.46 - 5.95)                       | 6.44              | (5.78 - 7.18)                       |
| Utah           | 6.78              | (5.78 - 7.93)                       | 3.84                | (2.88 - 5.10)                         | 12.42               | (10.02 - 15.28)                       | 6.03              | (4.95 - 7.33)                       | 7.19              | (6.10 - 8.46)                       |
| Vermont        | 9.64              | (8.25 - 11.23)                      | 5.47                | (4.21 - 7.07)                         | 22.65               | (19.02 - 26.74)                       | 7.79              | (6.31 - 9.57)                       | 9.99              | (8.51 - 11.69)                      |
| Virginia       | 7.41              | (6.44 - 8.50)                       | 3.65                | (2.85 - 4.65)                         | 16.10               | (13.92 - 18.55)                       | 6.45              | (5.38 - 7.71)                       | 7.78              | (6.74 - 8.97)                       |
| Washington     | 8.56              | (7.32 - 9.99)                       | 5.18                | (4.01 - 6.67)                         | 15.44               | (12.85 - 18.44)                       | 7.88              | (6.50 - 9.52)                       | 8.89              | (7.56 - 10.42)                      |
| West Virginia  | 6.30              | (5.32 - 7.45)                       | 4.42                | (3.40 - 5.73)                         | 13.99               | (11.60 - 16.78)                       | 5.37              | (4.31 - 6.67)                       | 6.47              | (5.42 - 7.70)                       |
| Wisconsin      | 8.13              | (6.92 - 9.53)                       | 4.23                | (3.31 - 5.40)                         | 16.68               | (13.92 - 19.87)                       | 7.18              | (5.84 - 8.80)                       | 8.52              | (7.22 - 10.04)                      |
| Wyoming        | 7.80              | (6.66 - 9.12)                       | 5.40                | (4.13 - 7.04)                         | 14.37               | (11.91 - 17.24)                       | 7.04              | (5.77 - 8.56)                       | 8.05              | (6.82 - 9.47)                       |

NOTE: Substance Use Disorder is defined as meeting criteria for illicit drug or alcohol dependence or abuse. Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*.

NOTE: Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine. Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 24** *Needing But Not Receiving Treatment at a Specialty Facility for Illicit Drug Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs*

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 2.45              | (2.35 - 2.55)                       | 2.92                | (2.70 - 3.15)                         | 6.58                | (6.22 - 6.95)                         | 1.72              | (1.62 - 1.84)                       | 2.40              | (2.30 - 2.52)                       |
| Northeast            | 2.48              | (2.27 - 2.70)                       | 2.65                | (2.33 - 3.01)                         | 6.73                | (6.09 - 7.42)                         | 1.78              | (1.56 - 2.03)                       | 2.46              | (2.24 - 2.70)                       |
| Midwest              | 2.30              | (2.11 - 2.49)                       | 2.56                | (2.27 - 2.88)                         | 5.91                | (5.37 - 6.50)                         | 1.67              | (1.48 - 1.88)                       | 2.27              | (2.08 - 2.48)                       |
| South                | 2.30              | (2.15 - 2.46)                       | 2.73                | (2.46 - 3.03)                         | 6.59                | (6.11 - 7.10)                         | 1.56              | (1.41 - 1.73)                       | 2.26              | (2.10 - 2.43)                       |
| West                 | 2.80              | (2.57 - 3.06)                       | 3.72                | (3.26 - 4.25)                         | 7.04                | (6.35 - 7.79)                         | 1.99              | (1.74 - 2.27)                       | 2.71              | (2.46 - 2.98)                       |
| Alabama              | 2.48              | (1.98 - 3.09)                       | 2.49                | (1.83 - 3.37)                         | 7.08                | (5.42 - 9.19)                         | 1.73              | (1.27 - 2.34)                       | 2.47              | (1.96 - 3.13)                       |
| Alaska               | 3.07              | (2.48 - 3.80)                       | 4.15                | (3.04 - 5.63)                         | 7.33                | (5.61 - 9.51)                         | 2.21              | (1.63 - 3.00)                       | 2.95              | (2.33 - 3.73)                       |
| Arizona              | 2.32              | (1.86 - 2.88)                       | 3.52                | (2.64 - 4.69)                         | 6.39                | (4.73 - 8.59)                         | 1.49              | (1.10 - 2.04)                       | 2.19              | (1.73 - 2.78)                       |
| Arkansas             | 2.26              | (1.80 - 2.85)                       | 2.74                | (2.02 - 3.71)                         | 5.37                | (3.99 - 7.19)                         | 1.69              | (1.24 - 2.31)                       | 2.21              | (1.73 - 2.83)                       |
| California           | 2.80              | (2.46 - 3.19)                       | 3.79                | (3.14 - 4.56)                         | 6.73                | (5.73 - 7.90)                         | 2.02              | (1.67 - 2.44)                       | 2.70              | (2.34 - 3.11)                       |
| Colorado             | 3.30              | (2.66 - 4.10)                       | 3.98                | (2.97 - 5.33)                         | 9.34                | (7.19 - 12.06)                        | 2.24              | (1.65 - 3.03)                       | 3.24              | (2.56 - 4.08)                       |
| Connecticut          | 3.11              | (2.47 - 3.90)                       | 3.25                | (2.37 - 4.46)                         | 8.71                | (6.65 - 11.33)                        | 2.18              | (1.59 - 2.99)                       | 3.09              | (2.43 - 3.93)                       |
| Delaware             | 2.82              | (2.26 - 3.51)                       | 3.24                | (2.45 - 4.28)                         | 7.32                | (5.60 - 9.51)                         | 2.10              | (1.54 - 2.86)                       | 2.78              | (2.19 - 3.51)                       |
| District of Columbia | 3.50              | (2.78 - 4.40)                       | 3.36                | (2.48 - 4.54)                         | 7.81                | (5.91 - 10.26)                        | 2.67              | (1.97 - 3.61)                       | 3.51              | (2.76 - 4.44)                       |
| Florida              | 2.41              | (2.06 - 2.81)                       | 3.51                | (2.86 - 4.30)                         | 6.55                | (5.45 - 7.85)                         | 1.73              | (1.38 - 2.18)                       | 2.31              | (1.95 - 2.74)                       |
| Georgia              | 2.18              | (1.78 - 2.65)                       | 2.39                | (1.80 - 3.15)                         | 5.93                | (4.59 - 7.65)                         | 1.51              | (1.14 - 2.00)                       | 2.15              | (1.74 - 2.66)                       |
| Hawaii               | 2.01              | (1.57 - 2.58)                       | 2.96                | (2.14 - 4.06)                         | 5.86                | (4.35 - 7.83)                         | 1.39              | (0.97 - 1.98)                       | 1.93              | (1.47 - 2.52)                       |
| Idaho                | 2.09              | (1.66 - 2.64)                       | 2.86                | (2.09 - 3.89)                         | 5.33                | (3.87 - 7.30)                         | 1.45              | (1.05 - 1.99)                       | 2.00              | (1.55 - 2.58)                       |
| Illinois             | 2.32              | (1.94 - 2.78)                       | 2.68                | (2.11 - 3.40)                         | 5.88                | (4.70 - 7.33)                         | 1.70              | (1.32 - 2.19)                       | 2.29              | (1.88 - 2.78)                       |
| Indiana              | 2.18              | (1.71 - 2.78)                       | 2.31                | (1.69 - 3.15)                         | 5.51                | (4.03 - 7.48)                         | 1.58              | (1.14 - 2.20)                       | 2.17              | (1.67 - 2.81)                       |
| Iowa                 | 2.21              | (1.73 - 2.82)                       | 2.42                | (1.76 - 3.32)                         | 5.84                | (4.40 - 7.71)                         | 1.54              | (1.09 - 2.17)                       | 2.19              | (1.69 - 2.83)                       |
| Kansas               | 1.91              | (1.47 - 2.49)                       | 2.24                | (1.61 - 3.12)                         | 5.02                | (3.61 - 6.94)                         | 1.32              | (0.92 - 1.88)                       | 1.88              | (1.42 - 2.48)                       |
| Kentucky             | 2.41              | (1.91 - 3.04)                       | 2.55                | (1.89 - 3.44)                         | 6.58                | (4.95 - 8.68)                         | 1.72              | (1.25 - 2.36)                       | 2.40              | (1.87 - 3.07)                       |
| Louisiana            | 2.37              | (1.89 - 2.98)                       | 2.15                | (1.58 - 2.93)                         | 6.39                | (4.80 - 8.44)                         | 1.74              | (1.27 - 2.38)                       | 2.40              | (1.89 - 3.05)                       |
| Maine                | 2.70              | (2.13 - 3.43)                       | 2.90                | (2.14 - 3.91)                         | 7.35                | (5.56 - 9.67)                         | 2.06              | (1.49 - 2.85)                       | 2.69              | (2.08 - 3.45)                       |
| Maryland             | 2.44              | (1.95 - 3.05)                       | 2.56                | (1.88 - 3.48)                         | 6.98                | (5.29 - 9.17)                         | 1.74              | (1.28 - 2.35)                       | 2.43              | (1.92 - 3.08)                       |
| Massachusetts        | 3.03              | (2.39 - 3.83)                       | 2.90                | (2.16 - 3.87)                         | 7.47                | (5.67 - 9.79)                         | 2.28              | (1.64 - 3.14)                       | 3.04              | (2.37 - 3.90)                       |
| Michigan             | 2.49              | (2.10 - 2.96)                       | 2.59                | (2.04 - 3.29)                         | 6.21                | (5.08 - 7.57)                         | 1.86              | (1.45 - 2.38)                       | 2.48              | (2.07 - 2.98)                       |
| Minnesota            | 2.12              | (1.65 - 2.71)                       | 2.69                | (1.99 - 3.63)                         | 5.34                | (3.92 - 7.24)                         | 1.54              | (1.09 - 2.16)                       | 2.06              | (1.57 - 2.69)                       |
| Mississippi          | 2.38              | (1.88 - 2.99)                       | 2.48                | (1.81 - 3.39)                         | 6.45                | (4.81 - 8.60)                         | 1.65              | (1.20 - 2.27)                       | 2.36              | (1.84 - 3.03)                       |
| Missouri             | 2.27              | (1.82 - 2.84)                       | 2.34                | (1.73 - 3.16)                         | 5.81                | (4.35 - 7.71)                         | 1.69              | (1.25 - 2.28)                       | 2.27              | (1.79 - 2.87)                       |
| Montana              | 2.64              | (2.14 - 3.24)                       | 3.39                | (2.54 - 4.49)                         | 7.63                | (5.91 - 9.81)                         | 1.76              | (1.31 - 2.36)                       | 2.57              | (2.05 - 3.20)                       |

See notes at end of table.

(continued)

**Table 24 Needing But Not Receiving Treatment at a Specialty Facility for Illicit Drug Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Nebraska       | 2.29              | (1.82 - 2.88)                    | 2.57                | (1.92 - 3.43)                      | 6.51                | (4.89 - 8.62)                      | 1.50              | (1.08 - 2.08)                    | 2.26              | (1.76 - 2.89)                    |
| Nevada         | 3.05              | (2.42 - 3.84)                    | 4.21                | (3.11 - 5.67)                      | 9.16                | (6.93 - 12.01)                     | 2.03              | (1.46 - 2.83)                    | 2.94              | (2.29 - 3.76)                    |
| New Hampshire  | 2.66              | (2.14 - 3.31)                    | 2.92                | (2.18 - 3.89)                      | 8.51                | (6.53 - 11.01)                     | 1.73              | (1.25 - 2.39)                    | 2.64              | (2.09 - 3.33)                    |
| New Jersey     | 1.85              | (1.48 - 2.31)                    | 2.40                | (1.80 - 3.20)                      | 5.52                | (4.18 - 7.26)                      | 1.25              | (0.90 - 1.72)                    | 1.80              | (1.41 - 2.28)                    |
| New Mexico     | 2.81              | (2.26 - 3.49)                    | 4.25                | (3.16 - 5.69)                      | 8.11                | (6.17 - 10.59)                     | 1.76              | (1.26 - 2.46)                    | 2.66              | (2.09 - 3.38)                    |
| New York       | 2.52              | (2.18 - 2.91)                    | 2.80                | (2.25 - 3.47)                      | 7.02                | (5.89 - 8.35)                      | 1.76              | (1.41 - 2.18)                    | 2.50              | (2.14 - 2.90)                    |
| North Carolina | 2.32              | (1.90 - 2.84)                    | 2.83                | (2.17 - 3.66)                      | 6.78                | (5.30 - 8.62)                      | 1.56              | (1.17 - 2.08)                    | 2.27              | (1.83 - 2.82)                    |
| North Dakota   | 2.08              | (1.62 - 2.68)                    | 2.52                | (1.83 - 3.47)                      | 5.20                | (3.74 - 7.18)                      | 1.39              | (0.99 - 1.96)                    | 2.04              | (1.56 - 2.68)                    |
| Ohio           | 2.53              | (2.16 - 2.97)                    | 2.69                | (2.14 - 3.37)                      | 6.77                | (5.61 - 8.14)                      | 1.84              | (1.46 - 2.31)                    | 2.51              | (2.12 - 2.98)                    |
| Oklahoma       | 2.23              | (1.79 - 2.78)                    | 3.12                | (2.31 - 4.21)                      | 6.60                | (4.97 - 8.72)                      | 1.37              | (0.98 - 1.89)                    | 2.13              | (1.67 - 2.72)                    |
| Oregon         | 2.99              | (2.42 - 3.69)                    | 4.01                | (3.03 - 5.28)                      | 7.46                | (5.69 - 9.73)                      | 2.21              | (1.66 - 2.96)                    | 2.90              | (2.30 - 3.64)                    |
| Pennsylvania   | 2.23              | (1.86 - 2.67)                    | 2.14                | (1.66 - 2.75)                      | 5.47                | (4.40 - 6.79)                      | 1.74              | (1.36 - 2.23)                    | 2.24              | (1.85 - 2.71)                    |
| Rhode Island   | 3.07              | (2.45 - 3.83)                    | 3.64                | (2.71 - 4.87)                      | 7.70                | (5.84 - 10.10)                     | 2.18              | (1.60 - 2.96)                    | 3.02              | (2.38 - 3.82)                    |
| South Carolina | 2.37              | (1.89 - 2.97)                    | 2.88                | (2.18 - 3.81)                      | 6.93                | (5.26 - 9.07)                      | 1.61              | (1.17 - 2.22)                    | 2.32              | (1.82 - 2.96)                    |
| South Dakota   | 2.45              | (1.96 - 3.06)                    | 3.13                | (2.33 - 4.19)                      | 6.73                | (5.12 - 8.81)                      | 1.64              | (1.18 - 2.27)                    | 2.38              | (1.87 - 3.03)                    |
| Tennessee      | 2.43              | (1.94 - 3.03)                    | 2.85                | (2.10 - 3.86)                      | 6.98                | (5.29 - 9.17)                      | 1.66              | (1.21 - 2.26)                    | 2.39              | (1.88 - 3.03)                    |
| Texas          | 2.06              | (1.78 - 2.38)                    | 2.52                | (2.00 - 3.17)                      | 6.47                | (5.41 - 7.73)                      | 1.20              | (0.94 - 1.53)                    | 2.00              | (1.71 - 2.35)                    |
| Utah           | 2.55              | (2.04 - 3.18)                    | 2.57                | (1.91 - 3.46)                      | 6.16                | (4.56 - 8.29)                      | 1.73              | (1.27 - 2.36)                    | 2.54              | (2.00 - 3.23)                    |
| Vermont        | 3.30              | (2.63 - 4.14)                    | 3.25                | (2.35 - 4.47)                      | 10.33               | (7.77 - 13.60)                     | 2.09              | (1.49 - 2.92)                    | 3.31              | (2.60 - 4.20)                    |
| Virginia       | 2.37              | (1.95 - 2.88)                    | 2.43                | (1.85 - 3.18)                      | 7.11                | (5.65 - 8.91)                      | 1.61              | (1.21 - 2.13)                    | 2.36              | (1.92 - 2.91)                    |
| Washington     | 3.15              | (2.49 - 3.98)                    | 3.92                | (2.95 - 5.20)                      | 7.35                | (5.55 - 9.67)                      | 2.42              | (1.76 - 3.31)                    | 3.08              | (2.39 - 3.95)                    |
| West Virginia  | 2.32              | (1.84 - 2.91)                    | 2.78                | (2.04 - 3.79)                      | 6.00                | (4.49 - 7.98)                      | 1.74              | (1.28 - 2.36)                    | 2.28              | (1.79 - 2.90)                    |
| Wisconsin      | 2.00              | (1.54 - 2.59)                    | 2.55                | (1.88 - 3.45)                      | 5.18                | (3.74 - 7.14)                      | 1.41              | (0.99 - 2.02)                    | 1.95              | (1.47 - 2.57)                    |
| Wyoming        | 2.05              | (1.60 - 2.63)                    | 3.13                | (2.27 - 4.32)                      | 5.40                | (3.95 - 7.35)                      | 1.39              | (0.99 - 1.95)                    | 1.94              | (1.48 - 2.54)                    |

NOTE: Respondents were classified as needing illicit drug treatment if they met the criteria for an illicit drug use disorder as defined in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV) or received treatment for illicit drug use at a specialty facility (i.e., drug and alcohol rehabilitation facility [inpatient or outpatient], hospital [inpatient only], or mental health center). Needing But Not Receiving Illicit Drug Treatment refers to respondents who are classified as needing illicit drug treatment, but who did not receive illicit drug treatment at a specialty facility. Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine. Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 25 *Needing But Not Receiving Treatment at a Specialty Facility for Alcohol Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs***

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 5.22              | (5.05 - 5.39)                       | 1.79                | (1.62 - 1.98)                         | 9.99                | (9.56 - 10.45)                        | 4.85              | (4.65 - 5.05)                       | 5.57              | (5.38 - 5.76)                       |
| Northeast            | 5.40              | (5.05 - 5.78)                       | 1.72                | (1.45 - 2.03)                         | 10.54               | (9.72 - 11.41)                        | 4.98              | (4.58 - 5.42)                       | 5.75              | (5.36 - 6.16)                       |
| Midwest              | 5.52              | (5.23 - 5.82)                       | 1.89                | (1.65 - 2.16)                         | 10.67               | (9.99 - 11.38)                        | 5.10              | (4.76 - 5.46)                       | 5.89              | (5.58 - 6.22)                       |
| South                | 4.73              | (4.49 - 4.98)                       | 1.64                | (1.43 - 1.89)                         | 9.09                | (8.54 - 9.68)                         | 4.40              | (4.12 - 4.70)                       | 5.05              | (4.79 - 5.32)                       |
| West                 | 5.59              | (5.26 - 5.94)                       | 1.99                | (1.69 - 2.35)                         | 10.40               | (9.58 - 11.27)                        | 5.23              | (4.84 - 5.65)                       | 5.96              | (5.61 - 6.34)                       |
| Alabama              | 4.24              | (3.49 - 5.14)                       | 1.64                | (1.08 - 2.48)                         | 7.80                | (6.16 - 9.84)                         | 3.97              | (3.14 - 5.00)                       | 4.50              | (3.70 - 5.47)                       |
| Alaska               | 6.35              | (5.30 - 7.59)                       | 1.98                | (1.33 - 2.93)                         | 10.27               | (8.28 - 12.67)                        | 6.26              | (5.06 - 7.73)                       | 6.84              | (5.71 - 8.18)                       |
| Arizona              | 5.16              | (4.30 - 6.18)                       | 1.82                | (1.21 - 2.73)                         | 11.30               | (9.09 - 13.95)                        | 4.55              | (3.63 - 5.69)                       | 5.51              | (4.59 - 6.61)                       |
| Arkansas             | 4.73              | (3.94 - 5.66)                       | 1.99                | (1.36 - 2.92)                         | 8.94                | (7.14 - 11.14)                        | 4.37              | (3.50 - 5.44)                       | 5.01              | (4.18 - 6.01)                       |
| California           | 5.41              | (4.90 - 5.97)                       | 1.95                | (1.50 - 2.53)                         | 9.93                | (8.70 - 11.30)                        | 5.05              | (4.47 - 5.71)                       | 5.76              | (5.21 - 6.36)                       |
| Colorado             | 6.27              | (5.32 - 7.39)                       | 1.88                | (1.26 - 2.80)                         | 12.01               | (9.83 - 14.61)                        | 5.86              | (4.79 - 7.14)                       | 6.72              | (5.69 - 7.92)                       |
| Connecticut          | 5.77              | (4.81 - 6.91)                       | 2.41                | (1.59 - 3.64)                         | 10.21               | (8.18 - 12.67)                        | 5.44              | (4.36 - 6.76)                       | 6.10              | (5.08 - 7.31)                       |
| Delaware             | 5.97              | (4.97 - 7.14)                       | 1.59                | (1.06 - 2.37)                         | 9.72                | (7.76 - 12.11)                        | 5.88              | (4.76 - 7.24)                       | 6.38              | (5.31 - 7.64)                       |
| District of Columbia | 8.19              | (6.94 - 9.64)                       | 1.74                | (1.11 - 2.73)                         | 13.64               | (11.06 - 16.70)                       | 7.56              | (6.20 - 9.20)                       | 8.55              | (7.25 - 10.07)                      |
| Florida              | 5.03              | (4.43 - 5.70)                       | 1.99                | (1.52 - 2.61)                         | 9.76                | (8.46 - 11.24)                        | 4.68              | (4.01 - 5.45)                       | 5.29              | (4.65 - 6.01)                       |
| Georgia              | 4.10              | (3.43 - 4.88)                       | 1.31                | (0.86 - 1.97)                         | 7.57                | (6.17 - 9.25)                         | 3.88              | (3.12 - 4.80)                       | 4.41              | (3.70 - 5.25)                       |
| Hawaii               | 4.96              | (4.10 - 5.99)                       | 1.99                | (1.28 - 3.08)                         | 11.42               | (9.17 - 14.12)                        | 4.38              | (3.46 - 5.54)                       | 5.23              | (4.32 - 6.33)                       |
| Idaho                | 5.41              | (4.50 - 6.48)                       | 2.03                | (1.35 - 3.03)                         | 9.32                | (7.43 - 11.63)                        | 5.23              | (4.21 - 6.48)                       | 5.81              | (4.83 - 6.98)                       |
| Illinois             | 5.93              | (5.22 - 6.74)                       | 2.26                | (1.67 - 3.06)                         | 11.41               | (9.80 - 13.23)                        | 5.49              | (4.68 - 6.43)                       | 6.31              | (5.55 - 7.18)                       |
| Indiana              | 4.94              | (4.12 - 5.92)                       | 1.56                | (1.02 - 2.38)                         | 9.84                | (7.89 - 12.22)                        | 4.52              | (3.62 - 5.62)                       | 5.31              | (4.42 - 6.36)                       |
| Iowa                 | 6.89              | (5.82 - 8.13)                       | 2.06                | (1.40 - 3.03)                         | 13.33               | (11.06 - 15.97)                       | 6.32              | (5.11 - 7.79)                       | 7.38              | (6.23 - 8.73)                       |
| Kansas               | 5.38              | (4.49 - 6.42)                       | 2.29                | (1.55 - 3.37)                         | 11.34               | (9.22 - 13.88)                        | 4.71              | (3.75 - 5.92)                       | 5.72              | (4.77 - 6.84)                       |
| Kentucky             | 4.72              | (3.89 - 5.72)                       | 1.64                | (1.06 - 2.51)                         | 8.67                | (6.93 - 10.80)                        | 4.44              | (3.53 - 5.58)                       | 5.03              | (4.14 - 6.10)                       |
| Louisiana            | 5.55              | (4.64 - 6.63)                       | 2.05                | (1.37 - 3.05)                         | 9.13                | (7.28 - 11.38)                        | 5.39              | (4.35 - 6.67)                       | 5.92              | (4.94 - 7.08)                       |
| Maine                | 5.41              | (4.49 - 6.50)                       | 2.13                | (1.46 - 3.11)                         | 9.80                | (7.89 - 12.13)                        | 5.14              | (4.12 - 6.38)                       | 5.69              | (4.71 - 6.85)                       |
| Maryland             | 5.28              | (4.41 - 6.31)                       | 1.38                | (0.89 - 2.14)                         | 10.64               | (8.56 - 13.16)                        | 4.90              | (3.95 - 6.07)                       | 5.67              | (4.73 - 6.78)                       |
| Massachusetts        | 6.70              | (5.63 - 7.96)                       | 2.01                | (1.34 - 2.99)                         | 13.13               | (10.75 - 15.94)                       | 6.09              | (4.92 - 7.52)                       | 7.12              | (5.98 - 8.47)                       |
| Michigan             | 5.15              | (4.51 - 5.87)                       | 1.71                | (1.26 - 2.30)                         | 8.87                | (7.54 - 10.40)                        | 4.93              | (4.18 - 5.79)                       | 5.49              | (4.80 - 6.27)                       |
| Minnesota            | 4.96              | (4.11 - 5.97)                       | 1.64                | (1.07 - 2.50)                         | 10.55               | (8.53 - 12.98)                        | 4.47              | (3.55 - 5.62)                       | 5.30              | (4.40 - 6.39)                       |
| Mississippi          | 4.06              | (3.34 - 4.93)                       | 1.27                | (0.82 - 1.98)                         | 7.35                | (5.71 - 9.41)                         | 3.85              | (3.05 - 4.84)                       | 4.36              | (3.58 - 5.31)                       |
| Missouri             | 4.93              | (4.10 - 5.91)                       | 1.82                | (1.21 - 2.72)                         | 8.83                | (7.02 - 11.04)                        | 4.66              | (3.75 - 5.78)                       | 5.24              | (4.36 - 6.29)                       |
| Montana              | 7.08              | (6.01 - 8.34)                       | 3.27                | (2.14 - 4.95)                         | 13.06               | (10.68 - 15.87)                       | 6.54              | (5.35 - 7.98)                       | 7.44              | (6.30 - 8.76)                       |

See notes at end of table.

(continued)

**Table 25 Needing But Not Receiving Treatment at a Specialty Facility for Alcohol Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 5.66              | (4.76 - 6.72)                       | 2.03                | (1.36 - 3.03)                         | 12.01               | (9.80 - 14.64)                        | 5.00              | (4.02 - 6.19)                       | 6.06              | (5.09 - 7.20)                       |
| Nevada         | 5.20              | (4.33 - 6.23)                       | 2.28                | (1.53 - 3.38)                         | 10.98               | (8.81 - 13.59)                        | 4.69              | (3.75 - 5.85)                       | 5.49              | (4.57 - 6.59)                       |
| New Hampshire  | 5.95              | (4.96 - 7.12)                       | 1.84                | (1.23 - 2.74)                         | 11.83               | (9.59 - 14.51)                        | 5.46              | (4.38 - 6.80)                       | 6.32              | (5.26 - 7.57)                       |
| New Jersey     | 4.61              | (3.88 - 5.48)                       | 1.54                | (1.01 - 2.32)                         | 11.08               | (9.06 - 13.49)                        | 4.00              | (3.21 - 4.98)                       | 4.92              | (4.13 - 5.85)                       |
| New Mexico     | 5.57              | (4.66 - 6.64)                       | 2.07                | (1.37 - 3.10)                         | 10.64               | (8.49 - 13.26)                        | 5.16              | (4.15 - 6.41)                       | 5.94              | (4.96 - 7.09)                       |
| New York       | 5.43              | (4.82 - 6.11)                       | 1.71                | (1.27 - 2.29)                         | 9.36                | (8.08 - 10.83)                        | 5.19              | (4.49 - 5.99)                       | 5.77              | (5.12 - 6.50)                       |
| North Carolina | 4.10              | (3.45 - 4.86)                       | 1.34                | (0.88 - 2.03)                         | 7.20                | (5.79 - 8.93)                         | 3.93              | (3.21 - 4.82)                       | 4.38              | (3.68 - 5.20)                       |
| North Dakota   | 6.69              | (5.70 - 7.85)                       | 1.91                | (1.32 - 2.74)                         | 12.20               | (10.03 - 14.77)                       | 6.09              | (4.98 - 7.43)                       | 7.14              | (6.07 - 8.37)                       |
| Ohio           | 5.21              | (4.60 - 5.90)                       | 1.64                | (1.19 - 2.26)                         | 10.15               | (8.77 - 11.72)                        | 4.85              | (4.15 - 5.66)                       | 5.58              | (4.91 - 6.32)                       |
| Oklahoma       | 5.28              | (4.41 - 6.31)                       | 1.88                | (1.27 - 2.78)                         | 9.39                | (7.56 - 11.60)                        | 5.01              | (4.03 - 6.22)                       | 5.66              | (4.72 - 6.77)                       |
| Oregon         | 7.13              | (6.06 - 8.39)                       | 2.67                | (1.81 - 3.92)                         | 11.71               | (9.53 - 14.31)                        | 6.92              | (5.70 - 8.37)                       | 7.54              | (6.39 - 8.87)                       |
| Pennsylvania   | 4.90              | (4.26 - 5.63)                       | 1.41                | (0.98 - 2.01)                         | 10.19               | (8.70 - 11.90)                        | 4.46              | (3.74 - 5.30)                       | 5.22              | (4.54 - 6.00)                       |
| Rhode Island   | 6.49              | (5.46 - 7.70)                       | 2.10                | (1.43 - 3.09)                         | 12.05               | (9.77 - 14.78)                        | 5.95              | (4.82 - 7.33)                       | 6.88              | (5.78 - 8.17)                       |
| South Carolina | 4.98              | (4.16 - 5.95)                       | 1.56                | (1.03 - 2.37)                         | 10.45               | (8.57 - 12.70)                        | 4.52              | (3.61 - 5.64)                       | 5.32              | (4.44 - 6.36)                       |
| South Dakota   | 7.16              | (6.05 - 8.45)                       | 2.93                | (1.98 - 4.33)                         | 12.51               | (10.27 - 15.16)                       | 6.77              | (5.50 - 8.32)                       | 7.60              | (6.42 - 8.99)                       |
| Tennessee      | 4.58              | (3.78 - 5.54)                       | 1.75                | (1.18 - 2.60)                         | 9.39                | (7.48 - 11.72)                        | 4.14              | (3.29 - 5.19)                       | 4.86              | (4.00 - 5.89)                       |
| Texas          | 4.46              | (3.96 - 5.03)                       | 1.57                | (1.14 - 2.14)                         | 9.05                | (7.80 - 10.47)                        | 4.05              | (3.48 - 4.72)                       | 4.81              | (4.26 - 5.43)                       |
| Utah           | 4.66              | (3.87 - 5.59)                       | 1.60                | (1.03 - 2.48)                         | 8.93                | (7.04 - 11.26)                        | 4.23              | (3.38 - 5.29)                       | 5.09              | (4.23 - 6.11)                       |
| Vermont        | 6.65              | (5.62 - 7.85)                       | 2.32                | (1.57 - 3.41)                         | 14.44               | (11.74 - 17.64)                       | 5.72              | (4.61 - 7.09)                       | 7.01              | (5.92 - 8.30)                       |
| Virginia       | 5.45              | (4.68 - 6.35)                       | 1.81                | (1.26 - 2.60)                         | 10.88               | (9.13 - 12.92)                        | 5.00              | (4.14 - 6.04)                       | 5.81              | (4.98 - 6.77)                       |
| Washington     | 5.97              | (4.99 - 7.13)                       | 2.00                | (1.35 - 2.96)                         | 10.31               | (8.30 - 12.73)                        | 5.74              | (4.64 - 7.09)                       | 6.35              | (5.31 - 7.58)                       |
| West Virginia  | 4.26              | (3.52 - 5.15)                       | 1.74                | (1.14 - 2.65)                         | 8.89                | (7.09 - 11.08)                        | 3.84              | (3.05 - 4.83)                       | 4.48              | (3.70 - 5.43)                       |
| Wisconsin      | 6.56              | (5.54 - 7.76)                       | 2.05                | (1.39 - 3.00)                         | 13.36               | (10.99 - 16.14)                       | 5.97              | (4.83 - 7.37)                       | 7.01              | (5.91 - 8.30)                       |
| Wyoming        | 6.36              | (5.35 - 7.54)                       | 2.35                | (1.60 - 3.43)                         | 11.20               | (9.14 - 13.67)                        | 6.06              | (4.92 - 7.45)                       | 6.77              | (5.69 - 8.04)                       |

NOTE: Respondents were classified as needing alcohol treatment if they met the criteria for an alcohol use disorder as defined in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV) or received treatment for alcohol use at a specialty facility (i.e., drug and alcohol rehabilitation facility [inpatient or outpatient], hospital [inpatient only], or mental health center). Needing But Not Receiving Alcohol Treatment refers to respondents who are classified as needing alcohol treatment, but who did not receive alcohol treatment at a specialty facility.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 26** *Needing But Not Receiving Treatment at a Specialty Facility for Substance Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs*

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 6.82              | (6.62 - 7.01)                       | 3.89                | (3.64 - 4.15)                         | 14.07               | (13.57 - 14.58)                       | 5.98              | (5.75 - 6.21)                       | 7.11              | (6.90 - 7.33)                       |
| Northeast            | 6.94              | (6.54 - 7.36)                       | 3.65                | (3.26 - 4.08)                         | 15.07               | (14.11 - 16.08)                       | 6.00              | (5.54 - 6.50)                       | 7.25              | (6.82 - 7.69)                       |
| Midwest              | 6.99              | (6.65 - 7.34)                       | 3.83                | (3.48 - 4.21)                         | 14.46               | (13.66 - 15.30)                       | 6.13              | (5.73 - 6.55)                       | 7.31              | (6.95 - 7.69)                       |
| South                | 6.28              | (6.00 - 6.58)                       | 3.60                | (3.27 - 3.96)                         | 13.22               | (12.54 - 13.94)                       | 5.49              | (5.15 - 5.85)                       | 6.56              | (6.25 - 6.88)                       |
| West                 | 7.42              | (7.01 - 7.84)                       | 4.57                | (4.09 - 5.09)                         | 14.29               | (13.30 - 15.34)                       | 6.62              | (6.14 - 7.13)                       | 7.71              | (7.27 - 8.17)                       |
| Alabama              | 6.09              | (5.15 - 7.20)                       | 3.42                | (2.59 - 4.50)                         | 12.18               | (9.93 - 14.86)                        | 5.42              | (4.38 - 6.69)                       | 6.36              | (5.35 - 7.56)                       |
| Alaska               | 8.46              | (7.26 - 9.84)                       | 5.33                | (4.11 - 6.89)                         | 14.18               | (11.64 - 17.17)                       | 7.91              | (6.52 - 9.55)                       | 8.81              | (7.51 - 10.31)                      |
| Arizona              | 7.12              | (6.01 - 8.40)                       | 4.34                | (3.33 - 5.63)                         | 15.46               | (12.69 - 18.70)                       | 6.07              | (4.89 - 7.50)                       | 7.41              | (6.23 - 8.80)                       |
| Arkansas             | 6.55              | (5.52 - 7.76)                       | 3.80                | (2.91 - 4.94)                         | 13.36               | (11.00 - 16.14)                       | 5.77              | (4.64 - 7.16)                       | 6.85              | (5.74 - 8.15)                       |
| California           | 7.14              | (6.55 - 7.78)                       | 4.47                | (3.79 - 5.27)                         | 13.28               | (11.84 - 14.87)                       | 6.42              | (5.72 - 7.19)                       | 7.41              | (6.77 - 8.11)                       |
| Colorado             | 8.57              | (7.37 - 9.94)                       | 4.89                | (3.75 - 6.35)                         | 18.86               | (15.69 - 22.49)                       | 7.32              | (6.04 - 8.86)                       | 8.94              | (7.65 - 10.42)                      |
| Connecticut          | 7.51              | (6.40 - 8.80)                       | 4.54                | (3.49 - 5.89)                         | 16.35               | (13.61 - 19.52)                       | 6.42              | (5.21 - 7.87)                       | 7.80              | (6.61 - 9.20)                       |
| Delaware             | 7.70              | (6.52 - 9.07)                       | 4.00                | (3.03 - 5.26)                         | 14.61               | (12.03 - 17.64)                       | 7.07              | (5.76 - 8.65)                       | 8.05              | (6.79 - 9.52)                       |
| District of Columbia | 10.37             | (8.92 - 12.03)                      | 4.98                | (3.78 - 6.52)                         | 17.95               | (14.92 - 21.45)                       | 9.26              | (7.65 - 11.15)                      | 10.67             | (9.15 - 12.41)                      |
| Florida              | 6.65              | (5.98 - 7.39)                       | 4.42                | (3.70 - 5.26)                         | 13.94               | (12.37 - 15.66)                       | 5.87              | (5.11 - 6.74)                       | 6.84              | (6.12 - 7.64)                       |
| Georgia              | 5.72              | (4.91 - 6.66)                       | 2.90                | (2.20 - 3.81)                         | 11.04               | (9.19 - 13.22)                        | 5.20              | (4.29 - 6.27)                       | 6.04              | (5.16 - 7.06)                       |
| Hawaii               | 6.30              | (5.27 - 7.51)                       | 4.08                | (3.08 - 5.37)                         | 14.41               | (11.71 - 17.62)                       | 5.41              | (4.31 - 6.76)                       | 6.50              | (5.40 - 7.79)                       |
| Idaho                | 6.98              | (5.85 - 8.30)                       | 4.04                | (3.07 - 5.31)                         | 12.39               | (10.04 - 15.21)                       | 6.49              | (5.21 - 8.06)                       | 7.33              | (6.11 - 8.77)                       |
| Illinois             | 7.45              | (6.64 - 8.36)                       | 4.35                | (3.54 - 5.35)                         | 14.96               | (13.01 - 17.14)                       | 6.61              | (5.69 - 7.67)                       | 7.78              | (6.90 - 8.76)                       |
| Indiana              | 6.54              | (5.51 - 7.74)                       | 3.16                | (2.38 - 4.18)                         | 13.68               | (11.15 - 16.69)                       | 5.72              | (4.61 - 7.06)                       | 6.90              | (5.79 - 8.20)                       |
| Iowa                 | 8.15              | (6.96 - 9.51)                       | 3.92                | (2.99 - 5.14)                         | 16.82               | (14.09 - 19.96)                       | 7.11              | (5.80 - 8.70)                       | 8.58              | (7.30 - 10.06)                      |
| Kansas               | 6.32              | (5.33 - 7.47)                       | 3.89                | (2.99 - 5.05)                         | 13.62               | (11.14 - 16.55)                       | 5.33              | (4.26 - 6.64)                       | 6.59              | (5.53 - 7.83)                       |
| Kentucky             | 6.34              | (5.38 - 7.46)                       | 3.53                | (2.70 - 4.61)                         | 13.20               | (10.89 - 15.90)                       | 5.56              | (4.52 - 6.82)                       | 6.63              | (5.60 - 7.83)                       |
| Louisiana            | 7.22              | (6.17 - 8.43)                       | 3.49                | (2.64 - 4.58)                         | 13.59               | (11.08 - 16.56)                       | 6.62              | (5.46 - 8.01)                       | 7.61              | (6.48 - 8.92)                       |
| Maine                | 7.69              | (6.52 - 9.04)                       | 4.64                | (3.61 - 5.95)                         | 15.55               | (12.91 - 18.62)                       | 6.93              | (5.64 - 8.48)                       | 7.94              | (6.70 - 9.39)                       |
| Maryland             | 6.81              | (5.79 - 8.00)                       | 3.33                | (2.52 - 4.39)                         | 15.07               | (12.61 - 17.91)                       | 5.94              | (4.83 - 7.29)                       | 7.15              | (6.06 - 8.43)                       |
| Massachusetts        | 8.75              | (7.47 - 10.22)                      | 4.26                | (3.21 - 5.63)                         | 19.02               | (16.04 - 22.40)                       | 7.46              | (6.07 - 9.13)                       | 9.15              | (7.79 - 10.73)                      |
| Michigan             | 6.93              | (6.19 - 7.75)                       | 3.63                | (2.94 - 4.47)                         | 13.12               | (11.46 - 14.98)                       | 6.28              | (5.45 - 7.23)                       | 7.26              | (6.47 - 8.14)                       |
| Minnesota            | 5.97              | (5.02 - 7.08)                       | 3.75                | (2.81 - 4.98)                         | 13.67               | (11.22 - 16.55)                       | 5.01              | (3.99 - 6.27)                       | 6.19              | (5.18 - 7.39)                       |
| Mississippi          | 5.73              | (4.81 - 6.81)                       | 3.37                | (2.52 - 4.49)                         | 11.94               | (9.59 - 14.77)                        | 4.96              | (3.97 - 6.18)                       | 5.99              | (5.00 - 7.16)                       |
| Missouri             | 6.54              | (5.55 - 7.69)                       | 3.59                | (2.73 - 4.71)                         | 12.88               | (10.44 - 15.79)                       | 5.86              | (4.79 - 7.15)                       | 6.84              | (5.77 - 8.09)                       |
| Montana              | 8.32              | (7.16 - 9.65)                       | 5.71                | (4.38 - 7.41)                         | 17.19               | (14.47 - 20.29)                       | 7.19              | (5.92 - 8.71)                       | 8.57              | (7.34 - 9.98)                       |

See notes at end of table.

(continued)

**Table 26 Needing But Not Receiving Treatment at a Specialty Facility for Substance Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Nebraska       | 6.78              | (5.80 - 7.92)                    | 3.86                | (2.95 - 5.04)                      | 16.20               | (13.53 - 19.28)                    | 5.48              | (4.45 - 6.75)                    | 7.10              | (6.05 - 8.33)                    |
| Nevada         | 7.68              | (6.51 - 9.03)                    | 5.42                | (4.16 - 7.03)                      | 16.50               | (13.55 - 19.95)                    | 6.66              | (5.39 - 8.20)                    | 7.91              | (6.66 - 9.36)                    |
| New Hampshire  | 7.80              | (6.67 - 9.11)                    | 4.17                | (3.19 - 5.42)                      | 18.13               | (15.20 - 21.49)                    | 6.58              | (5.35 - 8.07)                    | 8.13              | (6.92 - 9.53)                    |
| New Jersey     | 5.74              | (4.87 - 6.75)                    | 3.21                | (2.46 - 4.17)                      | 14.07               | (11.78 - 16.72)                    | 4.79              | (3.85 - 5.95)                    | 5.99              | (5.06 - 7.08)                    |
| New Mexico     | 7.44              | (6.32 - 8.74)                    | 5.20                | (4.01 - 6.71)                      | 15.54               | (12.81 - 18.74)                    | 6.38              | (5.16 - 7.88)                    | 7.68              | (6.47 - 9.09)                    |
| New York       | 7.05              | (6.35 - 7.81)                    | 3.73                | (3.09 - 4.51)                      | 14.19               | (12.53 - 16.03)                    | 6.24              | (5.45 - 7.13)                    | 7.35              | (6.61 - 8.17)                    |
| North Carolina | 5.59              | (4.78 - 6.53)                    | 3.34                | (2.57 - 4.33)                      | 11.33               | (9.38 - 13.62)                     | 4.95              | (4.05 - 6.03)                    | 5.82              | (4.95 - 6.83)                    |
| North Dakota   | 7.57              | (6.47 - 8.84)                    | 3.93                | (3.05 - 5.06)                      | 14.59               | (12.14 - 17.45)                    | 6.52              | (5.32 - 7.98)                    | 7.90              | (6.73 - 9.26)                    |
| Ohio           | 7.04              | (6.26 - 7.90)                    | 3.74                | (3.02 - 4.62)                      | 14.76               | (13.01 - 16.71)                    | 6.20              | (5.31 - 7.22)                    | 7.37              | (6.54 - 8.31)                    |
| Oklahoma       | 6.83              | (5.78 - 8.06)                    | 4.25                | (3.26 - 5.52)                      | 13.40               | (10.93 - 16.32)                    | 6.04              | (4.91 - 7.41)                    | 7.12              | (5.99 - 8.44)                    |
| Oregon         | 8.88              | (7.61 - 10.35)                   | 5.24                | (4.12 - 6.66)                      | 16.54               | (13.78 - 19.73)                    | 8.12              | (6.70 - 9.81)                    | 9.22              | (7.85 - 10.79)                   |
| Pennsylvania   | 6.12              | (5.41 - 6.91)                    | 2.97                | (2.36 - 3.73)                      | 13.58               | (11.87 - 15.50)                    | 5.30              | (4.51 - 6.22)                    | 6.41              | (5.66 - 7.26)                    |
| Rhode Island   | 7.96              | (6.80 - 9.29)                    | 4.61                | (3.54 - 5.97)                      | 16.40               | (13.46 - 19.85)                    | 6.79              | (5.54 - 8.30)                    | 8.25              | (7.02 - 9.67)                    |
| South Carolina | 6.90              | (5.86 - 8.10)                    | 3.94                | (3.01 - 5.13)                      | 16.01               | (13.44 - 18.96)                    | 5.81              | (4.70 - 7.17)                    | 7.18              | (6.07 - 8.48)                    |
| South Dakota   | 8.24              | (7.05 - 9.61)                    | 5.35                | (4.18 - 6.83)                      | 17.09               | (14.32 - 20.28)                    | 7.09              | (5.77 - 8.69)                    | 8.54              | (7.26 - 10.02)                   |
| Tennessee      | 6.14              | (5.19 - 7.24)                    | 3.72                | (2.83 - 4.88)                      | 13.60               | (11.15 - 16.49)                    | 5.23              | (4.23 - 6.47)                    | 6.38              | (5.37 - 7.57)                    |
| Texas          | 5.72              | (5.15 - 6.35)                    | 3.35                | (2.73 - 4.10)                      | 12.71               | (11.24 - 14.35)                    | 4.81              | (4.16 - 5.55)                    | 6.01              | (5.39 - 6.69)                    |
| Utah           | 6.11              | (5.17 - 7.20)                    | 3.09                | (2.30 - 4.14)                      | 12.11               | (9.78 - 14.90)                     | 5.29              | (4.28 - 6.53)                    | 6.53              | (5.51 - 7.74)                    |
| Vermont        | 8.75              | (7.48 - 10.20)                   | 4.87                | (3.73 - 6.33)                      | 21.49               | (17.92 - 25.56)                    | 6.91              | (5.60 - 8.50)                    | 9.07              | (7.72 - 10.63)                   |
| Virginia       | 7.06              | (6.14 - 8.10)                    | 3.60                | (2.79 - 4.63)                      | 15.42               | (13.31 - 17.81)                    | 6.12              | (5.09 - 7.33)                    | 7.40              | (6.42 - 8.52)                    |
| Washington     | 7.97              | (6.76 - 9.37)                    | 4.99                | (3.83 - 6.47)                      | 14.09               | (11.52 - 17.13)                    | 7.36              | (6.01 - 8.98)                    | 8.26              | (6.97 - 9.76)                    |
| West Virginia  | 5.98              | (5.00 - 7.12)                    | 4.27                | (3.22 - 5.64)                      | 13.05               | (10.62 - 15.94)                    | 5.12              | (4.08 - 6.40)                    | 6.13              | (5.10 - 7.35)                    |
| Wisconsin      | 7.42              | (6.33 - 8.67)                    | 4.00                | (3.08 - 5.18)                      | 16.52               | (13.87 - 19.57)                    | 6.32              | (5.13 - 7.76)                    | 7.76              | (6.60 - 9.11)                    |
| Wyoming        | 7.12              | (6.03 - 8.38)                    | 4.48                | (3.38 - 5.91)                      | 13.23               | (10.89 - 15.99)                    | 6.46              | (5.27 - 7.90)                    | 7.39              | (6.23 - 8.74)                    |

NOTE: Respondents were classified as needing substance use treatment if they met the criteria for an illicit drug or alcohol use disorder as defined in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV) or received treatment for illicit drug or alcohol use at a specialty facility (i.e., drug and alcohol rehabilitation facility [inpatient or outpatient], hospital [inpatient only], or mental health center). Needing But Not Receiving Substance Use Treatment refers to respondents who are classified as needing illicit drug or alcohol treatment, but who did not receive illicit drug or alcohol treatment at a specialty facility. Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine. Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 27 Serious Mental Illness in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 4.38              | (4.21 - 4.56)                       | 6.68                | (6.32 - 7.06)                         | 4.01              | (3.82 - 4.20)                       |
| Northeast            | 4.16              | (3.85 - 4.50)                       | 6.58                | (5.98 - 7.23)                         | 3.78              | (3.44 - 4.15)                       |
| Midwest              | 4.64              | (4.38 - 4.93)                       | 7.09                | (6.57 - 7.64)                         | 4.24              | (3.95 - 4.55)                       |
| South                | 4.31              | (4.08 - 4.55)                       | 6.25                | (5.82 - 6.72)                         | 4.00              | (3.75 - 4.27)                       |
| West                 | 4.43              | (4.12 - 4.76)                       | 7.05                | (6.40 - 7.77)                         | 3.99              | (3.67 - 4.35)                       |
| Alabama              | 4.80              | (4.01 - 5.74)                       | 5.95                | (4.68 - 7.54)                         | 4.62              | (3.75 - 5.67)                       |
| Alaska               | 5.02              | (4.16 - 6.05)                       | 8.53                | (6.83 - 10.62)                        | 4.43              | (3.54 - 5.54)                       |
| Arizona              | 4.13              | (3.39 - 5.04)                       | 6.37                | (5.00 - 8.08)                         | 3.76              | (2.97 - 4.76)                       |
| Arkansas             | 5.44              | (4.54 - 6.52)                       | 6.65                | (5.23 - 8.43)                         | 5.25              | (4.26 - 6.45)                       |
| California           | 3.94              | (3.51 - 4.42)                       | 6.61                | (5.67 - 7.69)                         | 3.48              | (3.03 - 4.01)                       |
| Colorado             | 5.08              | (4.20 - 6.12)                       | 8.67                | (6.88 - 10.87)                        | 4.49              | (3.60 - 5.59)                       |
| Connecticut          | 4.16              | (3.40 - 5.08)                       | 7.43                | (5.86 - 9.38)                         | 3.63              | (2.84 - 4.63)                       |
| Delaware             | 4.90              | (4.03 - 5.94)                       | 7.70                | (6.11 - 9.67)                         | 4.48              | (3.57 - 5.60)                       |
| District of Columbia | 4.43              | (3.68 - 5.33)                       | 6.25                | (4.87 - 7.99)                         | 4.08              | (3.27 - 5.07)                       |
| Florida              | 3.83              | (3.32 - 4.41)                       | 6.41                | (5.46 - 7.52)                         | 3.48              | (2.95 - 4.10)                       |
| Georgia              | 4.35              | (3.65 - 5.17)                       | 5.83                | (4.70 - 7.21)                         | 4.09              | (3.34 - 5.01)                       |
| Hawaii               | 3.49              | (2.84 - 4.28)                       | 6.76                | (5.31 - 8.58)                         | 3.04              | (2.37 - 3.90)                       |
| Idaho                | 5.81              | (4.85 - 6.95)                       | 7.90                | (6.30 - 9.88)                         | 5.47              | (4.43 - 6.73)                       |
| Illinois             | 4.14              | (3.56 - 4.81)                       | 6.41                | (5.33 - 7.69)                         | 3.77              | (3.15 - 4.51)                       |
| Indiana              | 5.19              | (4.35 - 6.18)                       | 7.85                | (6.30 - 9.76)                         | 4.72              | (3.83 - 5.82)                       |
| Iowa                 | 4.59              | (3.83 - 5.48)                       | 6.99                | (5.56 - 8.77)                         | 4.16              | (3.36 - 5.13)                       |
| Kansas               | 4.79              | (3.99 - 5.75)                       | 7.17                | (5.68 - 9.00)                         | 4.37              | (3.52 - 5.41)                       |
| Kentucky             | 5.58              | (4.64 - 6.70)                       | 7.53                | (6.01 - 9.39)                         | 5.26              | (4.24 - 6.51)                       |
| Louisiana            | 4.72              | (3.88 - 5.74)                       | 5.47                | (4.24 - 7.03)                         | 4.60              | (3.69 - 5.73)                       |
| Maine                | 4.60              | (3.80 - 5.57)                       | 7.71                | (6.10 - 9.71)                         | 4.19              | (3.35 - 5.22)                       |
| Maryland             | 3.90              | (3.22 - 4.73)                       | 6.48                | (5.13 - 8.15)                         | 3.51              | (2.79 - 4.40)                       |
| Massachusetts        | 4.76              | (3.94 - 5.72)                       | 7.46                | (5.91 - 9.36)                         | 4.29              | (3.44 - 5.34)                       |
| Michigan             | 4.56              | (3.96 - 5.23)                       | 6.64                | (5.62 - 7.83)                         | 4.21              | (3.56 - 4.96)                       |
| Minnesota            | 4.24              | (3.54 - 5.08)                       | 7.33                | (5.82 - 9.21)                         | 3.75              | (3.02 - 4.65)                       |
| Mississippi          | 4.64              | (3.84 - 5.60)                       | 5.94                | (4.65 - 7.57)                         | 4.41              | (3.55 - 5.48)                       |
| Missouri             | 4.91              | (4.09 - 5.88)                       | 6.85                | (5.40 - 8.65)                         | 4.59              | (3.72 - 5.65)                       |
| Montana              | 5.18              | (4.35 - 6.16)                       | 7.75                | (6.16 - 9.70)                         | 4.77              | (3.90 - 5.84)                       |

See notes at end of table.

(continued)



**Table 27 Serious Mental Illness in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 4.30              | (3.58 - 5.15)                       | 6.58                | (5.21 - 8.27)                         | 3.89              | (3.13 - 4.83)                       |
| Nevada         | 4.28              | (3.46 - 5.28)                       | 6.49                | (5.05 - 8.30)                         | 3.96              | (3.10 - 5.04)                       |
| New Hampshire  | 5.28              | (4.36 - 6.38)                       | 8.90                | (7.12 - 11.08)                        | 4.72              | (3.76 - 5.92)                       |
| New Jersey     | 3.67              | (3.04 - 4.44)                       | 6.31                | (5.03 - 7.89)                         | 3.28              | (2.62 - 4.11)                       |
| New Mexico     | 4.39              | (3.57 - 5.39)                       | 6.29                | (4.91 - 8.02)                         | 4.08              | (3.20 - 5.18)                       |
| New York       | 3.83              | (3.30 - 4.45)                       | 5.87                | (4.89 - 7.04)                         | 3.50              | (2.93 - 4.17)                       |
| North Carolina | 4.66              | (3.96 - 5.49)                       | 6.27                | (5.09 - 7.70)                         | 4.41              | (3.64 - 5.33)                       |
| North Dakota   | 4.61              | (3.85 - 5.51)                       | 7.39                | (5.88 - 9.25)                         | 4.03              | (3.23 - 5.02)                       |
| Ohio           | 4.95              | (4.33 - 5.66)                       | 7.60                | (6.44 - 8.95)                         | 4.53              | (3.86 - 5.31)                       |
| Oklahoma       | 4.99              | (4.13 - 6.02)                       | 7.04                | (5.54 - 8.92)                         | 4.64              | (3.71 - 5.78)                       |
| Oregon         | 5.37              | (4.51 - 6.39)                       | 8.32                | (6.71 - 10.28)                        | 4.93              | (4.02 - 6.04)                       |
| Pennsylvania   | 4.44              | (3.85 - 5.12)                       | 6.66                | (5.57 - 7.94)                         | 4.10              | (3.47 - 4.84)                       |
| Rhode Island   | 4.52              | (3.75 - 5.44)                       | 7.07                | (5.61 - 8.87)                         | 4.06              | (3.25 - 5.08)                       |
| South Carolina | 4.36              | (3.59 - 5.29)                       | 6.12                | (4.84 - 7.71)                         | 4.09              | (3.26 - 5.11)                       |
| South Dakota   | 4.44              | (3.72 - 5.31)                       | 7.48                | (6.03 - 9.26)                         | 3.93              | (3.15 - 4.89)                       |
| Tennessee      | 5.19              | (4.36 - 6.18)                       | 7.12                | (5.66 - 8.93)                         | 4.89              | (3.99 - 5.97)                       |
| Texas          | 3.76              | (3.28 - 4.31)                       | 5.90                | (4.95 - 7.01)                         | 3.38              | (2.87 - 3.98)                       |
| Utah           | 6.18              | (5.21 - 7.31)                       | 9.51                | (7.52 - 11.96)                        | 5.43              | (4.42 - 6.65)                       |
| Vermont        | 5.41              | (4.48 - 6.52)                       | 7.78                | (6.14 - 9.83)                         | 5.00              | (4.00 - 6.23)                       |
| Virginia       | 4.01              | (3.38 - 4.76)                       | 5.99                | (4.84 - 7.39)                         | 3.70              | (3.02 - 4.52)                       |
| Washington     | 5.37              | (4.43 - 6.50)                       | 7.01                | (5.52 - 8.87)                         | 5.12              | (4.11 - 6.37)                       |
| West Virginia  | 5.69              | (4.72 - 6.83)                       | 7.55                | (6.06 - 9.37)                         | 5.41              | (4.38 - 6.68)                       |
| Wisconsin      | 4.88              | (4.11 - 5.80)                       | 7.53                | (6.02 - 9.38)                         | 4.45              | (3.63 - 5.44)                       |
| Wyoming        | 4.84              | (4.05 - 5.78)                       | 7.66                | (6.14 - 9.52)                         | 4.39              | (3.55 - 5.42)                       |

NOTE: Serious mental illness (SMI) is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, assessed by the Mental Health Surveillance Study (MHSS) *Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders—Fourth Edition—Research Version—Axis I Disorders* (MHSS-SCID), which is based on the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV). SMI includes individuals with diagnoses resulting in serious functional impairment. For details, see Section B of the "2016-2017 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 28 Any Mental Illness in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 18.57             | (18.20 - 18.93)                     | 23.93               | (23.28 - 24.60)                       | 17.69             | (17.29 - 18.10)                     |
| Northeast            | 18.01             | (17.30 - 18.73)                     | 24.10               | (22.98 - 25.27)                       | 17.03             | (16.24 - 17.86)                     |
| Midwest              | 18.78             | (18.16 - 19.41)                     | 24.92               | (23.98 - 25.89)                       | 17.76             | (17.06 - 18.48)                     |
| South                | 18.18             | (17.67 - 18.70)                     | 22.47               | (21.65 - 23.31)                       | 17.49             | (16.91 - 18.09)                     |
| West                 | 19.41             | (18.70 - 20.14)                     | 25.19               | (24.04 - 26.37)                       | 18.45             | (17.65 - 19.28)                     |
| Alabama              | 19.95             | (17.96 - 22.10)                     | 21.52               | (18.77 - 24.56)                       | 19.69             | (17.44 - 22.16)                     |
| Alaska               | 20.32             | (18.30 - 22.50)                     | 27.34               | (24.11 - 30.83)                       | 19.14             | (16.90 - 21.59)                     |
| Arizona              | 18.02             | (15.98 - 20.27)                     | 22.39               | (19.29 - 25.83)                       | 17.30             | (15.01 - 19.86)                     |
| Arkansas             | 20.73             | (18.70 - 22.91)                     | 24.46               | (21.41 - 27.79)                       | 20.11             | (17.83 - 22.61)                     |
| California           | 18.18             | (17.14 - 19.26)                     | 24.75               | (22.97 - 26.62)                       | 17.06             | (15.89 - 18.30)                     |
| Colorado             | 19.86             | (17.94 - 21.93)                     | 27.72               | (24.33 - 31.39)                       | 18.58             | (16.44 - 20.93)                     |
| Connecticut          | 18.18             | (16.21 - 20.34)                     | 25.56               | (22.35 - 29.06)                       | 16.98             | (14.81 - 19.41)                     |
| Delaware             | 18.65             | (16.69 - 20.79)                     | 23.52               | (20.49 - 26.85)                       | 17.93             | (15.74 - 20.34)                     |
| District of Columbia | 21.17             | (18.99 - 23.54)                     | 23.89               | (20.77 - 27.32)                       | 20.65             | (18.17 - 23.37)                     |
| Florida              | 17.54             | (16.36 - 18.79)                     | 22.74               | (20.81 - 24.79)                       | 16.83             | (15.50 - 18.24)                     |
| Georgia              | 18.07             | (16.46 - 19.80)                     | 21.26               | (18.85 - 23.89)                       | 17.53             | (15.72 - 19.51)                     |
| Hawaii               | 16.27             | (14.41 - 18.33)                     | 22.94               | (19.92 - 26.27)                       | 15.36             | (13.30 - 17.67)                     |
| Idaho                | 25.03             | (22.64 - 27.59)                     | 27.79               | (24.36 - 31.51)                       | 24.57             | (21.86 - 27.51)                     |
| Illinois             | 16.76             | (15.44 - 18.17)                     | 22.82               | (20.56 - 25.24)                       | 15.78             | (14.30 - 17.38)                     |
| Indiana              | 20.90             | (18.89 - 23.06)                     | 27.45               | (24.23 - 30.92)                       | 19.75             | (17.52 - 22.19)                     |
| Iowa                 | 19.02             | (17.15 - 21.03)                     | 25.26               | (22.23 - 28.55)                       | 17.90             | (15.80 - 20.22)                     |
| Kansas               | 19.71             | (17.80 - 21.77)                     | 24.72               | (21.66 - 28.05)                       | 18.81             | (16.65 - 21.19)                     |
| Kentucky             | 22.29             | (20.15 - 24.59)                     | 22.83               | (19.87 - 26.10)                       | 22.21             | (19.81 - 24.80)                     |
| Louisiana            | 19.11             | (17.17 - 21.22)                     | 19.67               | (16.86 - 22.81)                       | 19.02             | (16.83 - 21.42)                     |
| Maine                | 19.01             | (17.08 - 21.09)                     | 26.59               | (23.40 - 30.04)                       | 17.99             | (15.88 - 20.32)                     |
| Maryland             | 16.94             | (15.17 - 18.88)                     | 23.18               | (20.20 - 26.46)                       | 15.99             | (14.05 - 18.14)                     |
| Massachusetts        | 20.57             | (18.52 - 22.78)                     | 26.23               | (22.87 - 29.90)                       | 19.59             | (17.31 - 22.10)                     |
| Michigan             | 18.34             | (17.01 - 19.76)                     | 24.05               | (21.92 - 26.32)                       | 17.39             | (15.87 - 19.02)                     |
| Minnesota            | 18.21             | (16.40 - 20.18)                     | 28.73               | (25.46 - 32.24)                       | 16.55             | (14.52 - 18.79)                     |
| Mississippi          | 19.04             | (16.99 - 21.27)                     | 19.70               | (16.84 - 22.91)                       | 18.92             | (16.60 - 21.49)                     |
| Missouri             | 20.05             | (18.06 - 22.19)                     | 23.27               | (20.18 - 26.68)                       | 19.52             | (17.31 - 21.95)                     |
| Montana              | 19.78             | (17.88 - 21.84)                     | 26.11               | (23.10 - 29.35)                       | 18.77             | (16.64 - 21.10)                     |

See notes at end of table.

(continued)

**Table 28 Any Mental Illness in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 17.88             | (16.03 - 19.88)                     | 24.79               | (21.73 - 28.12)                       | 16.64             | (14.57 - 18.95)                     |
| Nevada         | 18.87             | (16.88 - 21.04)                     | 24.82               | (21.69 - 28.24)                       | 18.01             | (15.80 - 20.44)                     |
| New Hampshire  | 19.15             | (17.30 - 21.14)                     | 26.70               | (23.59 - 30.06)                       | 17.98             | (15.92 - 20.24)                     |
| New Jersey     | 16.19             | (14.56 - 17.95)                     | 20.96               | (18.41 - 23.76)                       | 15.48             | (13.68 - 17.47)                     |
| New Mexico     | 17.73             | (15.88 - 19.74)                     | 24.08               | (21.03 - 27.41)                       | 16.68             | (14.63 - 18.96)                     |
| New York       | 17.61             | (16.39 - 18.91)                     | 23.63               | (21.68 - 25.70)                       | 16.63             | (15.25 - 18.11)                     |
| North Carolina | 18.02             | (16.41 - 19.75)                     | 22.32               | (19.66 - 25.23)                       | 17.34             | (15.56 - 19.28)                     |
| North Dakota   | 18.30             | (16.46 - 20.31)                     | 23.90               | (20.84 - 27.25)                       | 17.15             | (15.04 - 19.49)                     |
| Ohio           | 19.85             | (18.49 - 21.29)                     | 25.42               | (23.31 - 27.65)                       | 18.97             | (17.44 - 20.60)                     |
| Oklahoma       | 20.02             | (17.98 - 22.22)                     | 23.59               | (20.54 - 26.94)                       | 19.40             | (17.10 - 21.93)                     |
| Oregon         | 23.59             | (21.31 - 26.03)                     | 27.85               | (24.36 - 31.63)                       | 22.95             | (20.44 - 25.66)                     |
| Pennsylvania   | 17.98             | (16.64 - 19.40)                     | 24.38               | (22.17 - 26.72)                       | 16.99             | (15.51 - 18.59)                     |
| Rhode Island   | 19.59             | (17.60 - 21.76)                     | 24.76               | (21.61 - 28.20)                       | 18.67             | (16.42 - 21.14)                     |
| South Carolina | 18.56             | (16.63 - 20.66)                     | 23.73               | (20.79 - 26.95)                       | 17.76             | (15.61 - 20.12)                     |
| South Dakota   | 17.70             | (15.82 - 19.76)                     | 23.75               | (20.76 - 27.03)                       | 16.68             | (14.58 - 19.01)                     |
| Tennessee      | 19.24             | (17.37 - 21.26)                     | 23.90               | (20.84 - 27.24)                       | 18.50             | (16.42 - 20.79)                     |
| Texas          | 16.32             | (15.22 - 17.49)                     | 21.62               | (19.79 - 23.57)                       | 15.37             | (14.14 - 16.69)                     |
| Utah           | 23.47             | (21.50 - 25.57)                     | 28.99               | (25.46 - 32.79)                       | 22.24             | (19.98 - 24.69)                     |
| Vermont        | 19.84             | (17.87 - 21.96)                     | 30.05               | (26.33 - 34.05)                       | 18.06             | (15.88 - 20.47)                     |
| Virginia       | 18.78             | (17.18 - 20.50)                     | 25.39               | (22.75 - 28.23)                       | 17.72             | (15.92 - 19.68)                     |
| Washington     | 22.81             | (20.50 - 25.31)                     | 24.81               | (21.49 - 28.46)                       | 22.51             | (19.91 - 25.33)                     |
| West Virginia  | 22.89             | (20.69 - 25.25)                     | 23.96               | (20.82 - 27.41)                       | 22.73             | (20.27 - 25.39)                     |
| Wisconsin      | 18.54             | (16.67 - 20.58)                     | 25.53               | (22.38 - 28.95)                       | 17.40             | (15.34 - 19.66)                     |
| Wyoming        | 20.25             | (18.22 - 22.44)                     | 26.55               | (23.42 - 29.93)                       | 19.25             | (16.97 - 21.76)                     |

NOTE: Any mental illness (AMI) is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, assessed by the Mental Health Surveillance Study (MHSS) *Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders—Fourth Edition—Research Version—Axis I Disorders* (MHSS-SCID), which is based on the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV). For details, see Section B of the "2016-2017 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 29 Received Mental Health Services in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) |
|----------------------|-------------------|----------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|
| Total U.S.           | 14.60             | (14.28 - 14.93)                  | 13.90               | (13.40 - 14.41)                    | 14.72             | (14.36 - 15.08)                  |
| Northeast            | 15.66             | (15.01 - 16.34)                  | 15.18               | (14.28 - 16.14)                    | 15.74             | (15.00 - 16.50)                  |
| Midwest              | 16.45             | (15.86 - 17.06)                  | 16.04               | (15.21 - 16.91)                    | 16.52             | (15.85 - 17.21)                  |
| South                | 13.81             | (13.36 - 14.28)                  | 12.72               | (12.04 - 13.43)                    | 13.99             | (13.47 - 14.52)                  |
| West                 | 13.42             | (12.81 - 14.04)                  | 12.88               | (12.03 - 13.77)                    | 13.51             | (12.83 - 14.21)                  |
| Alabama              | 13.97             | (12.27 - 15.85)                  | 11.62               | (9.60 - 13.99)                     | 14.35             | (12.46 - 16.47)                  |
| Alaska               | 13.02             | (11.36 - 14.87)                  | 13.42               | (11.16 - 16.04)                    | 12.95             | (11.14 - 15.01)                  |
| Arizona              | 13.24             | (11.40 - 15.32)                  | 11.31               | (9.21 - 13.82)                     | 13.56             | (11.55 - 15.85)                  |
| Arkansas             | 16.07             | (14.16 - 18.19)                  | 14.44               | (12.14 - 17.09)                    | 16.34             | (14.23 - 18.71)                  |
| California           | 11.72             | (10.85 - 12.64)                  | 11.34               | (10.07 - 12.75)                    | 11.78             | (10.81 - 12.83)                  |
| Colorado             | 15.62             | (13.78 - 17.65)                  | 17.01               | (14.36 - 20.03)                    | 15.39             | (13.41 - 17.60)                  |
| Connecticut          | 16.61             | (14.58 - 18.85)                  | 18.42               | (15.63 - 21.58)                    | 16.31             | (14.10 - 18.80)                  |
| Delaware             | 15.95             | (14.08 - 18.03)                  | 14.60               | (12.16 - 17.43)                    | 16.15             | (14.11 - 18.43)                  |
| District of Columbia | 16.82             | (14.90 - 18.94)                  | 15.34               | (12.78 - 18.31)                    | 17.12             | (14.98 - 19.48)                  |
| Florida              | 13.37             | (12.27 - 14.55)                  | 12.49               | (11.01 - 14.14)                    | 13.48             | (12.27 - 14.80)                  |
| Georgia              | 13.17             | (11.73 - 14.76)                  | 11.26               | (9.49 - 13.31)                     | 13.50             | (11.89 - 15.28)                  |
| Hawaii               | 10.67             | (9.15 - 12.41)                   | 11.77               | (9.71 - 14.19)                     | 10.51             | (8.87 - 12.42)                   |
| Idaho                | 17.28             | (15.40 - 19.33)                  | 17.22               | (14.58 - 20.23)                    | 17.29             | (15.23 - 19.56)                  |
| Illinois             | 14.50             | (13.30 - 15.80)                  | 14.49               | (12.67 - 16.52)                    | 14.51             | (13.18 - 15.94)                  |
| Indiana              | 17.64             | (15.73 - 19.74)                  | 17.82               | (15.17 - 20.81)                    | 17.62             | (15.50 - 19.96)                  |
| Iowa                 | 17.59             | (15.67 - 19.70)                  | 18.49               | (15.81 - 21.49)                    | 17.43             | (15.30 - 19.80)                  |
| Kansas               | 15.39             | (13.59 - 17.39)                  | 15.03               | (12.71 - 17.69)                    | 15.46             | (13.45 - 17.72)                  |
| Kentucky             | 17.61             | (15.74 - 19.65)                  | 16.63               | (14.00 - 19.65)                    | 17.77             | (15.71 - 20.03)                  |
| Louisiana            | 13.49             | (11.78 - 15.40)                  | 11.52               | (9.45 - 13.98)                     | 13.81             | (11.93 - 15.93)                  |
| Maine                | 19.16             | (17.06 - 21.46)                  | 19.18               | (16.37 - 22.34)                    | 19.15             | (16.86 - 21.68)                  |
| Maryland             | 14.19             | (12.46 - 16.11)                  | 15.15               | (12.70 - 17.97)                    | 14.04             | (12.16 - 16.15)                  |
| Massachusetts        | 19.69             | (17.53 - 22.06)                  | 17.31               | (14.51 - 20.52)                    | 20.11             | (17.69 - 22.76)                  |
| Michigan             | 16.42             | (15.11 - 17.83)                  | 15.31               | (13.58 - 17.22)                    | 16.61             | (15.13 - 18.20)                  |
| Minnesota            | 17.99             | (16.05 - 20.10)                  | 18.30               | (15.58 - 21.37)                    | 17.94             | (15.82 - 20.26)                  |
| Mississippi          | 13.28             | (11.55 - 15.22)                  | 10.15               | (8.09 - 12.66)                     | 13.82             | (11.91 - 15.99)                  |
| Missouri             | 16.82             | (14.96 - 18.86)                  | 15.50               | (13.00 - 18.37)                    | 17.03             | (14.98 - 19.30)                  |
| Montana              | 15.23             | (13.50 - 17.13)                  | 16.24               | (13.78 - 19.05)                    | 15.07             | (13.20 - 17.15)                  |

See notes at end of table.

(continued)

**Table 29 Received Mental Health Services in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) |
|----------------|-------------------|----------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|
| Nebraska       | 15.77             | (13.91 - 17.81)                  | 16.63               | (14.07 - 19.55)                    | 15.61             | (13.57 - 17.90)                  |
| Nevada         | 12.40             | (10.68 - 14.34)                  | 10.98               | (8.95 - 13.40)                     | 12.60             | (10.73 - 14.74)                  |
| New Hampshire  | 19.12             | (17.02 - 21.41)                  | 19.88               | (16.94 - 23.19)                    | 19.00             | (16.69 - 21.55)                  |
| New Jersey     | 12.45             | (10.99 - 14.09)                  | 12.09               | (10.13 - 14.35)                    | 12.51             | (10.90 - 14.32)                  |
| New Mexico     | 12.74             | (11.14 - 14.53)                  | 12.32               | (10.23 - 14.78)                    | 12.80             | (11.05 - 14.79)                  |
| New York       | 14.16             | (13.04 - 15.36)                  | 13.83               | (12.29 - 15.53)                    | 14.21             | (12.97 - 15.55)                  |
| North Carolina | 15.12             | (13.63 - 16.75)                  | 13.07               | (11.16 - 15.26)                    | 15.44             | (13.79 - 17.26)                  |
| North Dakota   | 15.51             | (13.67 - 17.55)                  | 15.10               | (12.54 - 18.07)                    | 15.61             | (13.57 - 17.88)                  |
| Ohio           | 17.05             | (15.71 - 18.47)                  | 16.05               | (14.27 - 17.99)                    | 17.20             | (15.71 - 18.81)                  |
| Oklahoma       | 14.52             | (12.82 - 16.41)                  | 13.49               | (11.23 - 16.11)                    | 14.70             | (12.83 - 16.80)                  |
| Oregon         | 16.90             | (15.05 - 18.93)                  | 15.84               | (13.35 - 18.69)                    | 17.06             | (15.04 - 19.28)                  |
| Pennsylvania   | 16.39             | (15.04 - 17.83)                  | 15.59               | (13.79 - 17.58)                    | 16.51             | (15.02 - 18.12)                  |
| Rhode Island   | 19.73             | (17.62 - 22.03)                  | 18.57               | (15.64 - 21.90)                    | 19.94             | (17.60 - 22.51)                  |
| South Carolina | 14.62             | (12.96 - 16.45)                  | 13.91               | (11.72 - 16.42)                    | 14.73             | (12.89 - 16.77)                  |
| South Dakota   | 15.38             | (13.62 - 17.33)                  | 16.86               | (14.23 - 19.86)                    | 15.14             | (13.20 - 17.30)                  |
| Tennessee      | 14.92             | (13.24 - 16.79)                  | 13.53               | (11.23 - 16.22)                    | 15.14             | (13.29 - 17.20)                  |
| Texas          | 11.54             | (10.60 - 12.55)                  | 11.37               | (10.01 - 12.89)                    | 11.57             | (10.51 - 12.71)                  |
| Utah           | 17.53             | (15.71 - 19.51)                  | 18.21               | (15.25 - 21.60)                    | 17.38             | (15.38 - 19.59)                  |
| Vermont        | 21.38             | (19.11 - 23.84)                  | 23.04               | (19.47 - 27.05)                    | 21.09             | (18.65 - 23.76)                  |
| Virginia       | 15.51             | (14.04 - 17.11)                  | 14.27               | (12.31 - 16.48)                    | 15.71             | (14.07 - 17.50)                  |
| Washington     | 17.42             | (15.41 - 19.63)                  | 14.86               | (12.39 - 17.73)                    | 17.81             | (15.60 - 20.26)                  |
| West Virginia  | 17.78             | (15.80 - 19.96)                  | 16.68               | (14.03 - 19.71)                    | 17.94             | (15.79 - 20.32)                  |
| Wisconsin      | 16.76             | (14.88 - 18.83)                  | 15.99               | (13.44 - 18.91)                    | 16.89             | (14.83 - 19.17)                  |
| Wyoming        | 13.48             | (11.76 - 15.41)                  | 15.78               | (13.28 - 18.66)                    | 13.12             | (11.25 - 15.24)                  |

NOTE: Mental Health Services are defined as having received inpatient treatment/counseling or outpatient treatment/counseling or having used prescription medication for problems with emotions, nerves, or mental health. Respondents were not to include treatment for drug or alcohol use.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 30** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017*  
NSDUHs

| State                | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 4.19              | (4.03 - 4.35)                       | 9.64                | (9.22 - 10.08)                        | 3.31              | (3.14 - 3.48)                       |
| Northeast            | 3.99              | (3.68 - 4.32)                       | 9.50                | (8.79 - 10.26)                        | 3.11              | (2.79 - 3.46)                       |
| Midwest              | 4.35              | (4.08 - 4.63)                       | 9.98                | (9.37 - 10.62)                        | 3.41              | (3.13 - 3.72)                       |
| South                | 4.03              | (3.81 - 4.27)                       | 9.24                | (8.71 - 9.81)                         | 3.20              | (2.96 - 3.46)                       |
| West                 | 4.45              | (4.13 - 4.80)                       | 10.07               | (9.31 - 10.89)                        | 3.52              | (3.19 - 3.89)                       |
| Alabama              | 3.89              | (3.16 - 4.78)                       | 8.71                | (7.05 - 10.73)                        | 3.11              | (2.36 - 4.08)                       |
| Alaska               | 5.34              | (4.40 - 6.46)                       | 13.26               | (10.91 - 16.02)                       | 4.01              | (3.08 - 5.20)                       |
| Arizona              | 4.02              | (3.23 - 4.99)                       | 9.28                | (7.47 - 11.47)                        | 3.15              | (2.36 - 4.19)                       |
| Arkansas             | 4.59              | (3.78 - 5.57)                       | 9.83                | (8.00 - 12.01)                        | 3.73              | (2.91 - 4.78)                       |
| California           | 4.04              | (3.58 - 4.55)                       | 9.68                | (8.53 - 10.97)                        | 3.09              | (2.62 - 3.63)                       |
| Colorado             | 5.41              | (4.44 - 6.58)                       | 11.25               | (9.18 - 13.73)                        | 4.46              | (3.46 - 5.74)                       |
| Connecticut          | 4.05              | (3.27 - 5.01)                       | 10.03               | (8.13 - 12.30)                        | 3.08              | (2.30 - 4.11)                       |
| Delaware             | 4.16              | (3.41 - 5.07)                       | 9.61                | (7.84 - 11.73)                        | 3.35              | (2.59 - 4.33)                       |
| District of Columbia | 4.11              | (3.35 - 5.02)                       | 8.55                | (6.87 - 10.61)                        | 3.24              | (2.48 - 4.24)                       |
| Florida              | 3.49              | (3.01 - 4.04)                       | 9.38                | (8.16 - 10.75)                        | 2.69              | (2.20 - 3.27)                       |
| Georgia              | 4.38              | (3.67 - 5.23)                       | 8.73                | (7.29 - 10.41)                        | 3.65              | (2.91 - 4.58)                       |
| Hawaii               | 4.08              | (3.25 - 5.10)                       | 10.08               | (8.17 - 12.39)                        | 3.26              | (2.41 - 4.38)                       |
| Idaho                | 5.60              | (4.62 - 6.78)                       | 10.59               | (8.67 - 12.86)                        | 4.78              | (3.75 - 6.07)                       |
| Illinois             | 3.87              | (3.31 - 4.51)                       | 9.33                | (7.93 - 10.96)                        | 2.98              | (2.43 - 3.67)                       |
| Indiana              | 5.04              | (4.16 - 6.08)                       | 11.05               | (9.00 - 13.48)                        | 3.99              | (3.11 - 5.11)                       |
| Iowa                 | 4.69              | (3.87 - 5.66)                       | 10.58               | (8.70 - 12.80)                        | 3.64              | (2.80 - 4.72)                       |
| Kansas               | 4.87              | (4.01 - 5.90)                       | 10.29               | (8.38 - 12.58)                        | 3.90              | (3.02 - 5.02)                       |
| Kentucky             | 4.71              | (3.88 - 5.72)                       | 10.47               | (8.59 - 12.71)                        | 3.78              | (2.93 - 4.87)                       |
| Louisiana            | 4.25              | (3.46 - 5.21)                       | 8.07                | (6.46 - 10.05)                        | 3.62              | (2.79 - 4.68)                       |
| Maine                | 3.99              | (3.25 - 4.89)                       | 9.98                | (8.19 - 12.12)                        | 3.19              | (2.44 - 4.17)                       |
| Maryland             | 4.00              | (3.26 - 4.90)                       | 9.04                | (7.35 - 11.08)                        | 3.23              | (2.47 - 4.21)                       |
| Massachusetts        | 4.57              | (3.75 - 5.57)                       | 10.07               | (8.20 - 12.32)                        | 3.63              | (2.78 - 4.72)                       |
| Michigan             | 3.99              | (3.44 - 4.62)                       | 9.33                | (8.04 - 10.80)                        | 3.10              | (2.54 - 3.77)                       |
| Minnesota            | 4.52              | (3.74 - 5.45)                       | 10.17               | (8.30 - 12.39)                        | 3.63              | (2.85 - 4.62)                       |
| Mississippi          | 4.01              | (3.24 - 4.94)                       | 8.54                | (6.91 - 10.52)                        | 3.22              | (2.44 - 4.23)                       |
| Missouri             | 4.04              | (3.32 - 4.90)                       | 9.75                | (7.94 - 11.91)                        | 3.11              | (2.39 - 4.04)                       |
| Montana              | 4.91              | (4.04 - 5.96)                       | 11.26               | (9.24 - 13.65)                        | 3.90              | (3.04 - 5.00)                       |

See notes at end of table.

(continued)

**Table 30 *Had Serious Thoughts of Suicide in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017***  
**NSDUHs (continued)**

| State          | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 4.05              | (3.30 - 4.96)                       | 9.21                | (7.41 - 11.40)                        | 3.13              | (2.38 - 4.11)                       |
| Nevada         | 4.62              | (3.72 - 5.72)                       | 10.40               | (8.37 - 12.86)                        | 3.78              | (2.88 - 4.95)                       |
| New Hampshire  | 4.89              | (3.99 - 5.97)                       | 10.87               | (8.83 - 13.31)                        | 3.97              | (3.06 - 5.13)                       |
| New Jersey     | 3.41              | (2.80 - 4.14)                       | 9.14                | (7.55 - 11.04)                        | 2.56              | (1.95 - 3.35)                       |
| New Mexico     | 4.01              | (3.25 - 4.95)                       | 8.78                | (7.06 - 10.87)                        | 3.23              | (2.44 - 4.26)                       |
| New York       | 3.68              | (3.19 - 4.25)                       | 9.22                | (8.02 - 10.58)                        | 2.79              | (2.27 - 3.41)                       |
| North Carolina | 4.57              | (3.86 - 5.40)                       | 9.67                | (8.09 - 11.53)                        | 3.77              | (3.02 - 4.68)                       |
| North Dakota   | 4.57              | (3.77 - 5.52)                       | 10.07               | (8.21 - 12.30)                        | 3.43              | (2.65 - 4.44)                       |
| Ohio           | 4.56              | (3.95 - 5.25)                       | 10.09               | (8.74 - 11.62)                        | 3.68              | (3.05 - 4.44)                       |
| Oklahoma       | 4.10              | (3.34 - 5.03)                       | 9.03                | (7.22 - 11.23)                        | 3.25              | (2.48 - 4.26)                       |
| Oregon         | 5.18              | (4.26 - 6.29)                       | 11.01               | (9.06 - 13.32)                        | 4.32              | (3.37 - 5.52)                       |
| Pennsylvania   | 4.28              | (3.69 - 4.97)                       | 9.30                | (7.96 - 10.85)                        | 3.51              | (2.89 - 4.26)                       |
| Rhode Island   | 4.78              | (3.92 - 5.81)                       | 10.62               | (8.65 - 12.97)                        | 3.73              | (2.89 - 4.81)                       |
| South Carolina | 4.11              | (3.35 - 5.04)                       | 9.27                | (7.56 - 11.32)                        | 3.31              | (2.54 - 4.31)                       |
| South Dakota   | 4.40              | (3.62 - 5.33)                       | 9.85                | (8.07 - 11.97)                        | 3.48              | (2.68 - 4.50)                       |
| Tennessee      | 4.50              | (3.67 - 5.49)                       | 9.29                | (7.54 - 11.39)                        | 3.74              | (2.89 - 4.83)                       |
| Texas          | 3.72              | (3.28 - 4.21)                       | 9.31                | (8.13 - 10.64)                        | 2.72              | (2.27 - 3.24)                       |
| Utah           | 5.99              | (5.00 - 7.17)                       | 12.23               | (9.97 - 14.90)                        | 4.60              | (3.61 - 5.86)                       |
| Vermont        | 5.31              | (4.35 - 6.45)                       | 11.29               | (9.08 - 13.96)                        | 4.27              | (3.30 - 5.51)                       |
| Virginia       | 4.20              | (3.52 - 5.02)                       | 9.26                | (7.75 - 11.03)                        | 3.40              | (2.69 - 4.29)                       |
| Washington     | 5.06              | (4.13 - 6.20)                       | 10.08               | (8.21 - 12.34)                        | 4.30              | (3.33 - 5.53)                       |
| West Virginia  | 4.75              | (3.87 - 5.81)                       | 10.01               | (8.16 - 12.21)                        | 3.99              | (3.07 - 5.16)                       |
| Wisconsin      | 4.60              | (3.77 - 5.59)                       | 10.87               | (8.94 - 13.16)                        | 3.57              | (2.74 - 4.63)                       |
| Wyoming        | 4.39              | (3.60 - 5.35)                       | 10.57               | (8.69 - 12.81)                        | 3.41              | (2.63 - 4.42)                       |

NOTE: Respondents were asked, "At any time in the past 12 months, did you seriously think about trying to kill yourself?" If they answered "Yes," they were categorized as having serious thoughts of suicide in the past year.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 31 Major Depressive Episode in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 6.89              | (6.68 - 7.11)                       | 13.01               | (12.56 - 13.48)                       | 11.95               | (11.49 - 12.43)                       | 6.07              | (5.84 - 6.31)                       |
| Northeast            | 6.76              | (6.35 - 7.18)                       | 12.14               | (11.35 - 12.98)                       | 11.77               | (10.91 - 12.69)                       | 5.96              | (5.52 - 6.43)                       |
| Midwest              | 7.24              | (6.89 - 7.59)                       | 13.93               | (13.23 - 14.67)                       | 12.61               | (11.86 - 13.39)                       | 6.35              | (5.96 - 6.76)                       |
| South                | 6.66              | (6.37 - 6.97)                       | 12.39               | (11.76 - 13.04)                       | 10.91               | (10.30 - 11.56)                       | 5.98              | (5.65 - 6.33)                       |
| West                 | 7.05              | (6.66 - 7.47)                       | 13.79               | (12.98 - 14.65)                       | 13.11               | (12.21 - 14.07)                       | 6.05              | (5.61 - 6.51)                       |
| Alabama              | 7.24              | (6.15 - 8.51)                       | 11.90               | (10.04 - 14.04)                       | 10.47               | (8.55 - 12.77)                        | 6.72              | (5.51 - 8.16)                       |
| Alaska               | 7.69              | (6.59 - 8.96)                       | 14.27               | (12.18 - 16.64)                       | 13.28               | (10.98 - 15.98)                       | 6.76              | (5.57 - 8.18)                       |
| Arizona              | 6.53              | (5.53 - 7.71)                       | 13.06               | (11.07 - 15.34)                       | 10.62               | (8.62 - 13.01)                        | 5.86              | (4.75 - 7.20)                       |
| Arkansas             | 8.19              | (7.03 - 9.52)                       | 13.36               | (11.33 - 15.69)                       | 12.24               | (10.14 - 14.70)                       | 7.53              | (6.25 - 9.04)                       |
| California           | 6.48              | (5.91 - 7.10)                       | 13.23               | (11.98 - 14.59)                       | 13.14               | (11.70 - 14.72)                       | 5.36              | (4.73 - 6.05)                       |
| Colorado             | 7.70              | (6.63 - 8.92)                       | 13.89               | (11.77 - 16.33)                       | 15.01               | (12.46 - 17.96)                       | 6.51              | (5.37 - 7.88)                       |
| Connecticut          | 6.97              | (5.93 - 8.19)                       | 13.16               | (11.19 - 15.41)                       | 13.10               | (10.80 - 15.81)                       | 5.98              | (4.84 - 7.37)                       |
| Delaware             | 7.07              | (6.02 - 8.30)                       | 11.58               | (9.72 - 13.74)                        | 11.82               | (9.63 - 14.43)                        | 6.37              | (5.23 - 7.74)                       |
| District of Columbia | 7.89              | (6.76 - 9.18)                       | 10.49               | (8.75 - 12.53)                        | 12.25               | (9.95 - 15.00)                        | 7.04              | (5.82 - 8.49)                       |
| Florida              | 6.20              | (5.51 - 6.96)                       | 13.09               | (11.73 - 14.57)                       | 11.15               | (9.74 - 12.74)                        | 5.52              | (4.77 - 6.38)                       |
| Georgia              | 6.90              | (5.96 - 7.97)                       | 11.44               | (9.78 - 13.33)                        | 10.48               | (8.76 - 12.48)                        | 6.30              | (5.27 - 7.51)                       |
| Hawaii               | 5.67              | (4.75 - 6.76)                       | 11.97               | (9.93 - 14.37)                        | 11.22               | (9.20 - 13.62)                        | 4.91              | (3.94 - 6.11)                       |
| Idaho                | 8.32              | (7.15 - 9.66)                       | 16.22               | (13.87 - 18.89)                       | 14.15               | (11.66 - 17.07)                       | 7.35              | (6.08 - 8.86)                       |
| Illinois             | 6.30              | (5.53 - 7.16)                       | 14.00               | (12.38 - 15.78)                       | 11.59               | (9.90 - 13.53)                        | 5.44              | (4.62 - 6.40)                       |
| Indiana              | 7.98              | (6.86 - 9.27)                       | 13.77               | (11.69 - 16.14)                       | 13.52               | (11.15 - 16.30)                       | 7.02              | (5.79 - 8.48)                       |
| Iowa                 | 7.73              | (6.64 - 8.98)                       | 14.10               | (11.96 - 16.54)                       | 12.94               | (10.80 - 15.42)                       | 6.80              | (5.59 - 8.24)                       |
| Kansas               | 7.58              | (6.44 - 8.90)                       | 13.84               | (11.86 - 16.09)                       | 11.87               | (9.75 - 14.38)                        | 6.81              | (5.54 - 8.35)                       |
| Kentucky             | 7.87              | (6.72 - 9.20)                       | 11.94               | (10.03 - 14.17)                       | 12.09               | (9.92 - 14.65)                        | 7.19              | (5.92 - 8.71)                       |
| Louisiana            | 7.17              | (6.06 - 8.47)                       | 10.76               | (8.95 - 12.87)                        | 8.80                | (6.96 - 11.07)                        | 6.90              | (5.65 - 8.41)                       |
| Maine                | 7.48              | (6.41 - 8.71)                       | 15.07               | (12.95 - 17.46)                       | 15.31               | (12.84 - 18.15)                       | 6.44              | (5.29 - 7.82)                       |
| Maryland             | 6.93              | (5.94 - 8.08)                       | 12.91               | (10.87 - 15.27)                       | 12.93               | (10.73 - 15.49)                       | 6.02              | (4.94 - 7.31)                       |
| Massachusetts        | 7.56              | (6.46 - 8.83)                       | 13.60               | (11.51 - 15.99)                       | 14.11               | (11.65 - 17.00)                       | 6.44              | (5.27 - 7.84)                       |
| Michigan             | 7.13              | (6.36 - 7.98)                       | 13.87               | (12.36 - 15.54)                       | 11.85               | (10.27 - 13.64)                       | 6.34              | (5.50 - 7.30)                       |
| Minnesota            | 6.77              | (5.77 - 7.93)                       | 13.56               | (11.53 - 15.90)                       | 15.20               | (12.61 - 18.21)                       | 5.44              | (4.38 - 6.74)                       |
| Mississippi          | 7.02              | (5.97 - 8.24)                       | 11.56               | (9.78 - 13.61)                        | 10.08               | (8.11 - 12.47)                        | 6.49              | (5.33 - 7.89)                       |
| Missouri             | 7.96              | (6.78 - 9.34)                       | 14.57               | (12.31 - 17.18)                       | 11.87               | (9.72 - 14.42)                        | 7.33              | (6.02 - 8.91)                       |
| Montana              | 7.94              | (6.85 - 9.18)                       | 14.07               | (11.99 - 16.44)                       | 13.90               | (11.59 - 16.58)                       | 6.99              | (5.80 - 8.40)                       |

See notes at end of table.

(continued)



**Table 31 Major Depressive Episode in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 6.64              | (5.68 - 7.75)                       | 13.01               | (11.00 - 15.32)                       | 11.60               | (9.55 - 14.02)                        | 5.76              | (4.72 - 7.02)                       |
| Nevada         | 6.74              | (5.70 - 7.95)                       | 14.97               | (12.77 - 17.47)                       | 12.79               | (10.47 - 15.55)                       | 5.86              | (4.74 - 7.23)                       |
| New Hampshire  | 8.29              | (7.08 - 9.69)                       | 13.91               | (11.91 - 16.18)                       | 14.23               | (11.78 - 17.09)                       | 7.37              | (6.05 - 8.96)                       |
| New Jersey     | 6.05              | (5.18 - 7.07)                       | 11.17               | (9.45 - 13.16)                        | 10.03               | (8.14 - 12.29)                        | 5.46              | (4.52 - 6.59)                       |
| New Mexico     | 6.63              | (5.58 - 7.85)                       | 14.88               | (12.66 - 17.42)                       | 11.18               | (9.05 - 13.75)                        | 5.88              | (4.74 - 7.28)                       |
| New York       | 6.49              | (5.79 - 7.26)                       | 11.46               | (10.16 - 12.90)                       | 10.70               | (9.31 - 12.27)                        | 5.80              | (5.04 - 6.67)                       |
| North Carolina | 6.72              | (5.83 - 7.74)                       | 12.03               | (10.39 - 13.89)                       | 10.35               | (8.61 - 12.39)                        | 6.15              | (5.17 - 7.30)                       |
| North Dakota   | 7.10              | (6.08 - 8.29)                       | 12.13               | (10.27 - 14.28)                       | 11.86               | (9.73 - 14.37)                        | 6.13              | (5.01 - 7.47)                       |
| Ohio           | 7.56              | (6.77 - 8.44)                       | 14.35               | (12.79 - 16.06)                       | 12.63               | (11.03 - 14.43)                       | 6.76              | (5.88 - 7.77)                       |
| Oklahoma       | 7.75              | (6.62 - 9.06)                       | 13.86               | (11.76 - 16.26)                       | 11.81               | (9.63 - 14.41)                        | 7.06              | (5.81 - 8.55)                       |
| Oregon         | 8.49              | (7.30 - 9.85)                       | 16.34               | (14.01 - 18.98)                       | 15.16               | (12.65 - 18.07)                       | 7.49              | (6.19 - 9.04)                       |
| Pennsylvania   | 6.82              | (6.06 - 7.67)                       | 12.23               | (10.75 - 13.89)                       | 12.13               | (10.57 - 13.88)                       | 6.01              | (5.17 - 6.96)                       |
| Rhode Island   | 7.41              | (6.33 - 8.65)                       | 13.30               | (11.26 - 15.65)                       | 12.06               | (9.89 - 14.64)                        | 6.57              | (5.39 - 7.99)                       |
| South Carolina | 6.76              | (5.73 - 7.97)                       | 12.31               | (10.42 - 14.50)                       | 10.70               | (8.83 - 12.92)                        | 6.15              | (5.00 - 7.55)                       |
| South Dakota   | 6.73              | (5.78 - 7.82)                       | 12.56               | (10.59 - 14.83)                       | 13.06               | (10.77 - 15.74)                       | 5.66              | (4.64 - 6.88)                       |
| Tennessee      | 7.18              | (6.19 - 8.31)                       | 12.79               | (10.87 - 14.99)                       | 12.34               | (10.15 - 14.92)                       | 6.37              | (5.28 - 7.65)                       |
| Texas          | 5.76              | (5.14 - 6.44)                       | 12.19               | (10.81 - 13.71)                       | 9.89                | (8.59 - 11.37)                        | 5.02              | (4.35 - 5.78)                       |
| Utah           | 9.06              | (7.90 - 10.37)                      | 15.48               | (13.22 - 18.05)                       | 14.95               | (12.28 - 18.08)                       | 7.75              | (6.48 - 9.23)                       |
| Vermont        | 7.60              | (6.53 - 8.84)                       | 12.83               | (10.86 - 15.11)                       | 14.33               | (11.75 - 17.36)                       | 6.43              | (5.28 - 7.81)                       |
| Virginia       | 6.77              | (5.90 - 7.76)                       | 13.22               | (11.40 - 15.27)                       | 12.35               | (10.55 - 14.40)                       | 5.88              | (4.92 - 7.02)                       |
| Washington     | 8.52              | (7.20 - 10.04)                      | 13.98               | (11.83 - 16.44)                       | 12.50               | (10.17 - 15.27)                       | 7.91              | (6.47 - 9.64)                       |
| West Virginia  | 8.52              | (7.29 - 9.94)                       | 14.05               | (11.90 - 16.51)                       | 13.06               | (10.76 - 15.76)                       | 7.86              | (6.51 - 9.47)                       |
| Wisconsin      | 7.50              | (6.44 - 8.73)                       | 13.66               | (11.72 - 15.87)                       | 13.99               | (11.59 - 16.79)                       | 6.44              | (5.27 - 7.84)                       |
| Wyoming        | 7.15              | (6.11 - 8.36)                       | 14.20               | (12.09 - 16.62)                       | 12.85               | (10.71 - 15.35)                       | 6.25              | (5.11 - 7.62)                       |

NOTE: Major depressive episode (MDE) is defined as in the 5th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-5), which specifies a period of at least 2 weeks when an individual experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms. For details, see Section B of the "2016-2017 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

NOTE: There are minor wording differences in the questions in the adult and adolescent MDE modules. Therefore, data from youths aged 12 to 17 were not combined with data from adults aged 18 or older to produce an estimate for those aged 12 or older.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.



# **2014-2016 National Survey on Drug Use and Health Substate Age Group Tables**

NOTE: The methodology used to suppress small area age group estimates with low precision is provided after [Table 14](#).

**Table 1** *Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs*

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 12.56               | (12.20 - 12.94)                       | 32.37               | (31.79 - 32.97)                       | 10.52             | (10.26 - 10.78)                     | 13.66             | (13.40 - 13.92)                     |
| <b>Northeast</b>           | 12.89               | (12.16 - 13.65)                       | 36.67               | (35.50 - 37.85)                       | 11.53             | (10.89 - 12.20)                     | 15.05             | (14.46 - 15.66)                     |
| <b>Midwest</b>             | 12.54               | (11.95 - 13.15)                       | 31.86               | (30.95 - 32.78)                       | 9.70              | (9.15 - 10.27)                      | 12.90             | (12.39 - 13.42)                     |
| <b>South</b>               | 11.41               | (10.91 - 11.94)                       | 29.52               | (28.75 - 30.30)                       | 8.72              | (8.22 - 9.25)                       | 11.69             | (11.24 - 12.15)                     |
| <b>West</b>                | 14.20               | (13.45 - 14.98)                       | 34.09               | (33.04 - 35.16)                       | 13.35             | (12.69 - 14.04)                     | 16.40             | (15.80 - 17.01)                     |
| <b>Alabama</b>             | 9.54                | (7.89 - 11.49)                        | 26.20               | (23.38 - 29.23)                       | 6.62              | (5.48 - 7.99)                       | 9.42              | (8.27 - 10.71)                      |
| Region 1                   | 10.32               | (7.92 - 13.34)                        | 27.14               | (22.34 - 32.54)                       | 6.84              | (5.25 - 8.85)                       | 9.47              | (7.77 - 11.50)                      |
| Region 2                   | 9.59                | (7.33 - 12.45)                        | 29.72               | (24.81 - 35.15)                       | 7.18              | (5.47 - 9.37)                       | 10.47             | (8.67 - 12.59)                      |
| Region 3                   | 7.93                | (5.89 - 10.59)                        | 21.62               | (17.19 - 26.81)                       | 5.77              | (4.20 - 7.88)                       | 8.47              | (6.70 - 10.67)                      |
| Region 4                   | 9.72                | (7.42 - 12.64)                        | 24.21               | (19.30 - 29.91)                       | 6.22              | (4.63 - 8.30)                       | 8.60              | (6.84 - 10.76)                      |
| <b>Alaska</b>              | 19.05               | (16.56 - 21.81)                       | 41.04               | (37.55 - 44.63)                       | 19.96             | (17.87 - 22.23)                     | 23.26             | (21.36 - 25.28)                     |
| Anchorage                  | 18.81               | (15.47 - 22.69)                       | 39.99               | (35.34 - 44.83)                       | 18.39             | (15.74 - 21.37)                     | 21.83             | (19.37 - 24.50)                     |
| Northern                   | 19.19               | (15.41 - 23.63)                       | 40.44               | (34.37 - 46.82)                       | 23.49             | (19.52 - 27.97)                     | 26.59             | (22.87 - 30.66)                     |
| South Central              | 19.25               | (15.62 - 23.48)                       | 42.80               | (36.58 - 49.25)                       | 18.80             | (15.45 - 22.68)                     | 22.21             | (18.96 - 25.84)                     |
| Southeast                  | 19.12               | (14.71 - 24.48)                       | *                   | (* - *)                               | 21.79             | (17.27 - 27.11)                     | 24.51             | (20.10 - 29.54)                     |
| <b>Arizona</b>             | 12.56               | (10.69 - 14.71)                       | 29.75               | (26.68 - 33.00)                       | 9.58              | (8.18 - 11.20)                      | 12.52             | (11.13 - 14.06)                     |
| Central                    | 12.43               | (10.16 - 15.11)                       | 30.67               | (26.78 - 34.85)                       | 10.10             | (8.43 - 12.05)                      | 13.12             | (11.47 - 14.96)                     |
| North                      | 12.21               | (9.14 - 16.13)                        | *                   | (* - *)                               | 8.15              | (5.92 - 11.13)                      | 10.87             | (8.38 - 13.99)                      |
| South                      | 13.02               | (10.54 - 15.98)                       | 28.57               | (23.93 - 33.72)                       | 9.11              | (7.15 - 11.55)                      | 11.98             | (9.90 - 14.43)                      |
| South A                    | 12.75               | (9.78 - 16.46)                        | *                   | (* - *)                               | 9.74              | (7.34 - 12.83)                      | 12.76             | (10.20 - 15.85)                     |
| South B                    | 13.30               | (10.15 - 17.25)                       | *                   | (* - *)                               | 8.34              | (6.04 - 11.40)                      | 11.03             | (8.47 - 14.24)                      |
| <b>Arkansas</b>            | 11.47               | (9.73 - 13.48)                        | 27.81               | (24.83 - 31.00)                       | 8.80              | (7.50 - 10.31)                      | 11.53             | (10.22 - 12.97)                     |
| Catchment Area 1           | 11.77               | (8.92 - 15.38)                        | 27.12               | (21.72 - 33.29)                       | 8.92              | (6.81 - 11.59)                      | 11.83             | (9.56 - 14.56)                      |
| Catchment Area 2           | 9.95                | (7.34 - 13.37)                        | 22.73               | (17.59 - 28.85)                       | 6.63              | (4.75 - 9.20)                       | 8.62              | (6.57 - 11.24)                      |
| Catchment Area 3           | 10.22               | (7.69 - 13.45)                        | 26.33               | (20.93 - 32.55)                       | 8.26              | (6.23 - 10.87)                      | 10.90             | (8.71 - 13.56)                      |
| Catchment Area 4           | 10.56               | (7.94 - 13.92)                        | *                   | (* - *)                               | 7.10              | (5.20 - 9.62)                       | 9.32              | (7.18 - 12.01)                      |
| Catchment Area 5           | 11.44               | (8.74 - 14.83)                        | 26.77               | (21.36 - 32.98)                       | 7.83              | (5.78 - 10.54)                      | 10.89             | (8.62 - 13.68)                      |
| Catchment Area 6           | 11.23               | (8.39 - 14.88)                        | *                   | (* - *)                               | 10.13             | (7.39 - 13.72)                      | 13.26             | (10.26 - 16.98)                     |
| Catchment Area 7           | 10.41               | (7.67 - 13.99)                        | *                   | (* - *)                               | 7.58              | (5.35 - 10.64)                      | 10.12             | (7.55 - 13.43)                      |
| Catchment Area 8           | 13.82               | (10.69 - 17.69)                       | *                   | (* - *)                               | 11.91             | (9.29 - 15.15)                      | 14.89             | (12.17 - 18.10)                     |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 13.95               | (12.81 - 15.18)                       | 33.85               | (32.20 - 35.54)                       | 12.93             | (12.02 - 13.90)                     | 16.07             | (15.24 - 16.94)                     |
| Region 1R                   | 17.66               | (13.89 - 22.19)                       | *                   | (* - *)                               | 18.82             | (15.08 - 23.22)                     | 21.89             | (18.22 - 26.07)                     |
| Region 2R                   | 15.47               | (12.31 - 19.26)                       | *                   | (* - *)                               | 13.03             | (10.31 - 16.34)                     | 17.20             | (14.34 - 20.50)                     |
| Region 3R (Sacramento)      | 15.05               | (11.95 - 18.77)                       | 36.02               | (30.42 - 42.02)                       | 14.49             | (11.79 - 17.68)                     | 17.64             | (14.91 - 20.74)                     |
| Region 4R                   | 17.42               | (13.89 - 21.63)                       | *                   | (* - *)                               | 14.98             | (11.99 - 18.55)                     | 17.98             | (14.90 - 21.54)                     |
| Region 5R (San Francisco)   | *                   | (* - *)                               | *                   | (* - *)                               | 22.85             | (18.51 - 27.86)                     | 25.09             | (20.77 - 29.96)                     |
| Region 6 (Santa Clara)      | 13.11               | (10.50 - 16.24)                       | 31.93               | (26.79 - 37.55)                       | 11.02             | (8.95 - 13.50)                      | 13.72             | (11.59 - 16.17)                     |
| Region 7R (Contra Costa)    | 15.36               | (12.08 - 19.34)                       | 40.43               | (33.99 - 47.22)                       | 13.43             | (10.57 - 16.92)                     | 17.00             | (14.06 - 20.41)                     |
| Region 8R (Alameda)         | 14.90               | (11.71 - 18.78)                       | 39.03               | (33.03 - 45.38)                       | 14.79             | (12.03 - 18.05)                     | 18.01             | (15.23 - 21.16)                     |
| Region 9R (San Mateo)       | 16.98               | (13.23 - 21.54)                       | *                   | (* - *)                               | 13.20             | (10.27 - 16.81)                     | 15.96             | (12.87 - 19.62)                     |
| Region 10                   | 15.95               | (12.45 - 20.21)                       | *                   | (* - *)                               | 12.76             | (9.91 - 16.29)                      | 17.10             | (14.05 - 20.65)                     |
| Region 11 (Los Angeles)     | 12.90               | (11.47 - 14.49)                       | 32.24               | (29.75 - 34.84)                       | 12.58             | (11.29 - 13.99)                     | 15.54             | (14.30 - 16.88)                     |
| LA SPA 1 and 5              | 14.45               | (11.26 - 18.36)                       | *                   | (* - *)                               | 15.35             | (12.08 - 19.32)                     | 18.81             | (15.45 - 22.70)                     |
| LA SPA 2                    | 13.03               | (10.47 - 16.09)                       | 32.77               | (27.69 - 38.28)                       | 12.63             | (10.21 - 15.53)                     | 15.43             | (12.99 - 18.23)                     |
| LA SPA 3                    | 10.02               | (7.67 - 12.98)                        | 25.86               | (20.78 - 31.69)                       | 8.31              | (6.38 - 10.75)                      | 10.90             | (8.82 - 13.40)                      |
| LA SPA 4                    | 12.92               | (9.99 - 16.54)                        | *                   | (* - *)                               | 18.04             | (14.36 - 22.42)                     | 20.19             | (16.52 - 24.42)                     |
| LA SPA 6                    | 13.75               | (10.74 - 17.43)                       | *                   | (* - *)                               | 11.80             | (9.18 - 15.06)                      | 15.89             | (13.00 - 19.29)                     |
| LA SPA 7                    | 12.92               | (10.14 - 16.32)                       | *                   | (* - *)                               | 9.12              | (6.98 - 11.82)                      | 12.55             | (10.16 - 15.41)                     |
| LA SPA 8                    | 14.38               | (11.44 - 17.92)                       | 35.65               | (29.81 - 41.96)                       | 14.32             | (11.68 - 17.44)                     | 17.37             | (14.68 - 20.43)                     |
| Region 12R                  | 13.68               | (10.58 - 17.52)                       | *                   | (* - *)                               | 11.81             | (8.97 - 15.40)                      | 14.73             | (11.72 - 18.36)                     |
| Regions 13 and 19R          | 13.25               | (10.67 - 16.34)                       | 28.09               | (23.73 - 32.90)                       | 10.37             | (8.44 - 12.68)                      | 13.31             | (11.37 - 15.53)                     |
| Region 14 (Orange)          | 12.56               | (10.16 - 15.43)                       | 33.20               | (28.21 - 38.60)                       | 10.52             | (8.48 - 12.97)                      | 13.80             | (11.71 - 16.20)                     |
| Region 15R (Fresno)         | 13.08               | (10.14 - 16.70)                       | 29.70               | (24.00 - 36.11)                       | 10.53             | (8.11 - 13.57)                      | 13.93             | (11.30 - 17.05)                     |
| Region 16R (San Diego)      | 14.69               | (12.15 - 17.65)                       | 37.88               | (32.88 - 43.14)                       | 14.34             | (12.15 - 16.86)                     | 18.01             | (15.78 - 20.46)                     |
| Region 17R                  | 11.42               | (9.16 - 14.14)                        | 26.27               | (21.63 - 31.52)                       | 10.89             | (8.81 - 13.38)                      | 13.59             | (11.48 - 16.02)                     |
| Region 18R (San Bernardino) | 13.90               | (11.21 - 17.12)                       | 27.72               | (22.89 - 33.12)                       | 10.84             | (8.68 - 13.46)                      | 13.77             | (11.54 - 16.35)                     |
| Region 20R                  | 12.98               | (10.05 - 16.61)                       | *                   | (* - *)                               | 10.67             | (8.20 - 13.78)                      | 13.59             | (10.91 - 16.80)                     |
| Region 21R                  | 17.64               | (14.03 - 21.93)                       | *                   | (* - *)                               | 16.32             | (12.88 - 20.48)                     | 20.83             | (17.16 - 25.03)                     |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 17.49               | (15.20 - 20.03)                       | 45.71               | (42.13 - 49.33)                       | 19.50             | (17.44 - 21.74)                     | 23.27             | (21.33 - 25.33)                     |
| Region 1                                  | 18.71               | (14.64 - 23.60)                       | *                   | (* - *)                               | 19.51             | (15.78 - 23.87)                     | 23.94             | (20.24 - 28.08)                     |
| Region 2                                  | 16.60               | (12.69 - 21.42)                       | *                   | (* - *)                               | 16.22             | (12.23 - 21.19)                     | 19.85             | (15.76 - 24.70)                     |
| Region 3                                  | 17.01               | (13.73 - 20.88)                       | 42.42               | (36.47 - 48.59)                       | 16.16             | (13.18 - 19.67)                     | 19.81             | (16.88 - 23.09)                     |
| Region 4                                  | 15.68               | (11.78 - 20.58)                       | *                   | (* - *)                               | 16.38             | (12.36 - 21.39)                     | 19.57             | (15.46 - 24.45)                     |
| Region 5                                  | 17.09               | (13.14 - 21.93)                       | *                   | (* - *)                               | 28.07             | (23.06 - 33.70)                     | 30.81             | (25.99 - 36.10)                     |
| Region 6                                  | 19.43               | (15.55 - 23.99)                       | *                   | (* - *)                               | 22.85             | (18.82 - 27.45)                     | 26.97             | (23.07 - 31.27)                     |
| Region 7                                  | 16.72               | (12.93 - 21.35)                       | *                   | (* - *)                               | 16.69             | (13.19 - 20.89)                     | 20.93             | (17.32 - 25.08)                     |
| <b>Connecticut</b>                        | 14.72               | (12.45 - 17.31)                       | 42.16               | (38.38 - 46.03)                       | 10.56             | (9.01 - 12.34)                      | 14.97             | (13.41 - 16.67)                     |
| Eastern                                   | 15.87               | (12.04 - 20.64)                       | *                   | (* - *)                               | 12.31             | (9.33 - 16.07)                      | 18.24             | (15.00 - 21.99)                     |
| North Central                             | 14.74               | (11.54 - 18.63)                       | 42.50               | (36.04 - 49.22)                       | 11.33             | (9.04 - 14.10)                      | 15.50             | (13.08 - 18.28)                     |
| Northwestern                              | 14.88               | (11.56 - 18.95)                       | *                   | (* - *)                               | 10.28             | (7.83 - 13.39)                      | 13.93             | (11.29 - 17.06)                     |
| South Central                             | 13.83               | (10.64 - 17.79)                       | 42.60               | (36.41 - 49.03)                       | 9.75              | (7.49 - 12.60)                      | 14.40             | (11.99 - 17.19)                     |
| Southwest                                 | 14.85               | (11.50 - 18.97)                       | *                   | (* - *)                               | 9.62              | (7.21 - 12.72)                      | 13.74             | (11.14 - 16.82)                     |
| <b>Delaware</b>                           | 13.90               | (11.89 - 16.20)                       | 36.96               | (33.55 - 40.50)                       | 10.07             | (8.62 - 11.73)                      | 13.71             | (12.28 - 15.28)                     |
| Kent                                      | 14.70               | (11.52 - 18.57)                       | *                   | (* - *)                               | 9.56              | (7.41 - 12.25)                      | 13.49             | (11.16 - 16.23)                     |
| New Castle (excluding<br>Wilmington City) | 13.13               | (10.68 - 16.04)                       | 37.53               | (33.16 - 42.12)                       | 9.44              | (7.70 - 11.51)                      | 13.51             | (11.77 - 15.46)                     |
| Sussex                                    | 13.85               | (10.65 - 17.82)                       | *                   | (* - *)                               | 9.03              | (6.87 - 11.80)                      | 11.64             | (9.32 - 14.43)                      |
| Wilmington City                           | 17.13               | (13.06 - 22.14)                       | *                   | (* - *)                               | 18.26             | (14.03 - 23.42)                     | 21.47             | (17.17 - 26.52)                     |
| <b>District of Columbia</b>               | 15.01               | (12.84 - 17.48)                       | 48.70               | (44.71 - 52.70)                       | 19.83             | (17.75 - 22.08)                     | 24.80             | (22.86 - 26.85)                     |
| Ward 1                                    | *                   | (* - *)                               | *                   | (* - *)                               | 27.95             | (22.89 - 33.64)                     | 33.16             | (28.28 - 38.43)                     |
| Ward 2                                    | *                   | (* - *)                               | *                   | (* - *)                               | 23.93             | (19.35 - 29.21)                     | 31.26             | (26.73 - 36.17)                     |
| Ward 3                                    | 12.47               | (9.42 - 16.31)                        | *                   | (* - *)                               | 14.17             | (11.12 - 17.89)                     | 19.36             | (16.05 - 23.18)                     |
| Ward 4                                    | 13.82               | (10.54 - 17.93)                       | *                   | (* - *)                               | 15.99             | (12.58 - 20.10)                     | 18.82             | (15.31 - 22.92)                     |
| Ward 5                                    | 17.11               | (13.26 - 21.79)                       | *                   | (* - *)                               | 19.97             | (15.97 - 24.68)                     | 25.24             | (21.17 - 29.80)                     |
| Ward 6                                    | 12.56               | (9.55 - 16.35)                        | 42.82               | (36.27 - 49.62)                       | 19.08             | (15.54 - 23.19)                     | 22.01             | (18.56 - 25.89)                     |
| Ward 7                                    | 15.68               | (12.11 - 20.06)                       | *                   | (* - *)                               | 18.80             | (14.77 - 23.63)                     | 23.08             | (19.06 - 27.66)                     |
| Ward 8                                    | 16.11               | (12.64 - 20.30)                       | *                   | (* - *)                               | 19.06             | (15.03 - 23.87)                     | 24.65             | (20.61 - 29.19)                     |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 13.27               | (12.05 - 14.60)                       | 33.13               | (31.28 - 35.03)                       | 9.76              | (8.80 - 10.80)                      | 12.68             | (11.79 - 13.62)                     |
| Broward (Circuit 17)                                                    | 12.43               | (9.93 - 15.44)                        | 33.51               | (28.29 - 39.17)                       | 10.83             | (8.64 - 13.49)                      | 13.56             | (11.38 - 16.10)                     |
| Central I                                                               | 12.62               | (10.71 - 14.81)                       | 35.32               | (31.49 - 39.34)                       | 10.66             | (9.01 - 12.57)                      | 14.19             | (12.52 - 16.04)                     |
| Circuit 9                                                               | 11.34               | (9.15 - 13.98)                        | 34.01               | (29.36 - 38.99)                       | 10.61             | (8.58 - 13.05)                      | 14.31             | (12.24 - 16.65)                     |
| Circuit 18                                                              | 14.69               | (11.74 - 18.23)                       | 37.82               | (31.76 - 44.28)                       | 10.74             | (8.43 - 13.58)                      | 14.01             | (11.60 - 16.83)                     |
| Central II                                                              | 14.10               | (12.40 - 15.99)                       | 32.56               | (29.67 - 35.58)                       | 9.26              | (8.06 - 10.62)                      | 11.86             | (10.68 - 13.16)                     |
| Circuit 6                                                               | 15.44               | (12.51 - 18.90)                       | 33.58               | (28.34 - 39.25)                       | 10.59             | (8.50 - 13.12)                      | 12.90             | (10.79 - 15.35)                     |
| Circuit 10                                                              | 12.27               | (9.64 - 15.50)                        | 28.09               | (22.87 - 33.98)                       | 8.27              | (6.30 - 10.77)                      | 10.74             | (8.64 - 13.27)                      |
| Circuit 12                                                              | 14.41               | (11.21 - 18.35)                       | *                   | (* - *)                               | 8.07              | (6.04 - 10.70)                      | 10.30             | (8.11 - 13.00)                      |
| Circuit 13 (Hillsborough)                                               | 14.50               | (11.73 - 17.79)                       | 35.58               | (30.53 - 40.98)                       | 10.65             | (8.52 - 13.25)                      | 14.13             | (11.96 - 16.62)                     |
| Circuit 20                                                              | 13.14               | (10.27 - 16.65)                       | *                   | (* - *)                               | 7.68              | (5.73 - 10.22)                      | 9.98              | (7.85 - 12.61)                      |
| Northeast                                                               | 14.67               | (12.70 - 16.88)                       | 35.51               | (31.90 - 39.29)                       | 10.80             | (9.30 - 12.51)                      | 13.94             | (12.41 - 15.62)                     |
| Circuit 4                                                               | 13.31               | (10.67 - 16.50)                       | 35.37               | (29.41 - 41.81)                       | 11.53             | (9.05 - 14.57)                      | 14.79             | (12.21 - 17.81)                     |
| Circuit 5                                                               | 15.49               | (12.18 - 19.52)                       | *                   | (* - *)                               | 9.81              | (7.58 - 12.61)                      | 12.16             | (9.83 - 14.93)                      |
| Circuit 7                                                               | 15.88               | (12.62 - 19.79)                       | *                   | (* - *)                               | 10.62             | (8.19 - 13.65)                      | 13.46             | (10.91 - 16.50)                     |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | 14.36               | (10.92 - 18.66)                       | *                   | (* - *)                               | 11.82             | (8.96 - 15.43)                      | 16.61             | (13.32 - 20.51)                     |
| Northwest                                                               | 15.42               | (13.07 - 18.11)                       | 39.29               | (35.38 - 43.35)                       | 11.66             | (9.75 - 13.88)                      | 16.09             | (14.15 - 18.24)                     |
| Circuit 1                                                               | 14.90               | (11.75 - 18.71)                       | 35.27               | (29.63 - 41.35)                       | 10.26             | (7.85 - 13.31)                      | 13.82             | (11.29 - 16.81)                     |
| Circuit 2 plus Madison and<br>Taylor                                    | 16.00               | (12.49 - 20.28)                       | 44.95               | (38.75 - 51.31)                       | 13.79             | (10.78 - 17.47)                     | 20.42             | (17.27 - 23.96)                     |
| Circuit 14                                                              | *                   | (* - *)                               | *                   | (* - *)                               | 12.03             | (8.99 - 15.91)                      | 15.00             | (11.73 - 18.98)                     |
| South (Circuits 11 and 16)                                              | 9.97                | (8.03 - 12.33)                        | 24.22               | (20.37 - 28.53)                       | 6.85              | (5.48 - 8.53)                       | 9.08              | (7.66 - 10.73)                      |
| Southeast                                                               | 13.13               | (10.98 - 15.63)                       | 33.35               | (28.91 - 38.10)                       | 9.76              | (8.00 - 11.86)                      | 12.34             | (10.55 - 14.39)                     |
| Circuit 15 (Palm Beach)                                                 | 12.78               | (10.16 - 15.95)                       | 33.42               | (28.07 - 39.23)                       | 9.84              | (7.74 - 12.44)                      | 12.45             | (10.29 - 15.00)                     |
| Circuit 19                                                              | 13.88               | (10.79 - 17.68)                       | *                   | (* - *)                               | 9.59              | (7.28 - 12.53)                      | 12.10             | (9.65 - 15.06)                      |
| <b>Georgia</b>                                                          | 10.92               | (9.40 - 12.65)                        | 30.07               | (27.55 - 32.71)                       | 9.36              | (8.18 - 10.70)                      | 12.43             | (11.28 - 13.68)                     |
| Region 1                                                                | 10.46               | (8.33 - 13.06)                        | 29.04               | (24.29 - 34.28)                       | 8.22              | (6.59 - 10.21)                      | 10.97             | (9.25 - 12.97)                      |
| Region 2                                                                | 10.19               | (7.91 - 13.02)                        | 27.72               | (22.55 - 33.56)                       | 8.32              | (6.40 - 10.75)                      | 11.53             | (9.45 - 14.00)                      |
| Region 3                                                                | 12.06               | (9.74 - 14.85)                        | 36.47               | (32.13 - 41.04)                       | 12.17             | (10.14 - 14.53)                     | 15.65             | (13.67 - 17.86)                     |
| Region 4                                                                | 10.64               | (7.95 - 14.10)                        | *                   | (* - *)                               | 8.59              | (6.38 - 11.47)                      | 11.61             | (9.11 - 14.69)                      |
| Region 5                                                                | 10.01               | (7.61 - 13.06)                        | 25.21               | (20.24 - 30.92)                       | 8.25              | (6.17 - 10.96)                      | 11.06             | (8.80 - 13.80)                      |
| Region 6                                                                | 10.85               | (8.34 - 14.00)                        | 27.00               | (21.81 - 32.91)                       | 7.63              | (5.75 - 10.05)                      | 10.54             | (8.47 - 13.05)                      |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 13.42               | (11.34 - 15.80)                       | 27.05               | (24.01 - 30.33)                       | 10.52             | (9.00 - 12.27)                      | 12.67             | (11.23 - 14.27)                     |
| Hawaii Island                   | 13.62               | (10.48 - 17.51)                       | *                   | (* - *)                               | 14.77             | (11.33 - 19.03)                     | 16.40             | (13.03 - 20.45)                     |
| Honolulu                        | 12.59               | (10.22 - 15.40)                       | 25.91               | (22.37 - 29.81)                       | 8.74              | (7.19 - 10.58)                      | 11.05             | (9.53 - 12.78)                      |
| Kauai                           | 17.86               | (13.40 - 23.41)                       | *                   | (* - *)                               | 16.04             | (12.02 - 21.09)                     | 18.33             | (14.27 - 23.23)                     |
| Maui                            | 16.12               | (12.39 - 20.70)                       | *                   | (* - *)                               | 14.11             | (10.71 - 18.35)                     | 15.98             | (12.63 - 20.02)                     |
| <b>Idaho</b>                    | 13.43               | (11.48 - 15.66)                       | 26.69               | (23.84 - 29.74)                       | 9.20              | (7.88 - 10.72)                      | 11.74             | (10.45 - 13.16)                     |
| Region 1                        | 16.59               | (12.65 - 21.47)                       | *                   | (* - *)                               | 9.87              | (7.40 - 13.06)                      | 12.39             | (9.76 - 15.62)                      |
| Region 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 10.12             | (7.38 - 13.73)                      | 13.73             | (10.67 - 17.49)                     |
| Region 3                        | 11.27               | (8.62 - 14.60)                        | 22.12               | (17.41 - 27.69)                       | 6.84              | (5.05 - 9.20)                       | 9.04              | (7.11 - 11.43)                      |
| Region 4                        | 15.77               | (12.47 - 19.75)                       | 35.25               | (30.05 - 40.82)                       | 12.45             | (10.22 - 15.10)                     | 15.44             | (13.21 - 17.97)                     |
| Region 5                        | 12.85               | (9.81 - 16.65)                        | *                   | (* - *)                               | 7.65              | (5.60 - 10.37)                      | 9.61              | (7.42 - 12.35)                      |
| Region 6                        | 12.63               | (9.38 - 16.79)                        | *                   | (* - *)                               | 8.45              | (5.95 - 11.86)                      | 10.91             | (8.09 - 14.56)                      |
| Region 7                        | 9.80                | (7.36 - 12.95)                        | 17.90               | (13.59 - 23.22)                       | 5.63              | (4.01 - 7.84)                       | 7.90              | (6.08 - 10.21)                      |
| <b>Illinois</b>                 | 11.86               | (10.56 - 13.30)                       | 31.72               | (29.61 - 33.92)                       | 9.12              | (8.14 - 10.21)                      | 12.33             | (11.40 - 13.34)                     |
| Region 1 (Cook)                 | 11.93               | (10.26 - 13.82)                       | 33.51               | (30.51 - 36.65)                       | 10.48             | (9.11 - 12.05)                      | 13.66             | (12.30 - 15.14)                     |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 11.92             | (9.02 - 15.60)                      | 14.07             | (11.00 - 17.82)                     |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 9.21              | (6.65 - 12.62)                      | 11.88             | (8.99 - 15.54)                      |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | *                   | (* - *)                               | 16.69             | (12.64 - 21.71)                     | 19.70             | (15.51 - 24.70)                     |
| Region 1.4 (West Side)          | 12.30               | (9.35 - 16.02)                        | *                   | (* - *)                               | 14.68             | (11.32 - 18.82)                     | 17.69             | (14.20 - 21.82)                     |
| Region 1.5 (South Side)         | 14.97               | (11.56 - 19.19)                       | *                   | (* - *)                               | 13.37             | (10.12 - 17.47)                     | 17.54             | (14.10 - 21.61)                     |
| Region 1.6 (Southwest Side)     | 11.17               | (8.46 - 14.62)                        | *                   | (* - *)                               | 7.95              | (5.83 - 10.74)                      | 11.53             | (9.07 - 14.56)                      |
| Region 1.7 (Suburban Cook)      | 11.50               | (9.29 - 14.15)                        | 32.22               | (27.80 - 36.98)                       | 7.92              | (6.39 - 9.79)                       | 11.05             | (9.45 - 12.88)                      |
| Region 2                        | 11.79               | (10.13 - 13.69)                       | 29.90               | (26.84 - 33.16)                       | 7.72              | (6.56 - 9.06)                       | 10.89             | (9.70 - 12.19)                      |
| Region 2a (DuPage)              | 12.14               | (9.45 - 15.46)                        | 32.27               | (26.43 - 38.72)                       | 8.58              | (6.61 - 11.05)                      | 11.74             | (9.61 - 14.26)                      |
| Region 2b                       | 11.54               | (9.44 - 14.03)                        | 29.06               | (24.83 - 33.69)                       | 7.36              | (5.91 - 9.14)                       | 10.52             | (8.99 - 12.28)                      |
| Region 2c (Winnebago)           | 12.48               | (9.45 - 16.30)                        | *                   | (* - *)                               | 8.86              | (6.44 - 12.07)                      | 11.86             | (9.08 - 15.36)                      |
| Region 2d                       | 11.95               | (9.21 - 15.37)                        | *                   | (* - *)                               | 7.13              | (5.26 - 9.60)                       | 10.43             | (8.24 - 13.12)                      |
| Region 3                        | 13.01               | (10.63 - 15.82)                       | 33.39               | (29.16 - 37.90)                       | 9.55              | (7.75 - 11.71)                      | 13.48             | (11.60 - 15.61)                     |
| Region 3a (Champaign)           | *                   | (* - *)                               | *                   | (* - *)                               | 11.89             | (8.82 - 15.85)                      | 19.80             | (16.05 - 24.18)                     |
| Region 3b                       | 12.89               | (10.33 - 15.98)                       | 31.21               | (26.35 - 36.51)                       | 9.21              | (7.30 - 11.58)                      | 12.41             | (10.40 - 14.74)                     |
| Region 4                        | 10.95               | (8.81 - 13.53)                        | 29.03               | (23.90 - 34.76)                       | 7.59              | (6.05 - 9.49)                       | 10.50             | (8.75 - 12.55)                      |
| Region 4a (Sangamon)            | *                   | (* - *)                               | *                   | (* - *)                               | 10.43             | (7.60 - 14.15)                      | 13.47             | (10.30 - 17.43)                     |
| Region 4b                       | 10.57               | (8.12 - 13.64)                        | *                   | (* - *)                               | 6.77              | (5.12 - 8.91)                       | 9.65              | (7.73 - 11.99)                      |
| Region 5                        | 11.19               | (9.11 - 13.68)                        | 29.75               | (25.25 - 34.68)                       | 8.44              | (6.77 - 10.47)                      | 11.36             | (9.56 - 13.44)                      |
| Region 5a                       | 10.60               | (8.01 - 13.90)                        | *                   | (* - *)                               | 8.13              | (6.06 - 10.83)                      | 11.15             | (8.78 - 14.07)                      |
| Region 5b                       | 11.71               | (9.03 - 15.07)                        | 29.24               | (23.65 - 35.54)                       | 8.69              | (6.58 - 11.38)                      | 11.52             | (9.24 - 14.26)                      |

See notes at end of table.

(continued)



**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 13.68               | (11.71 - 15.92)                       | 33.41               | (30.27 - 36.70)                       | 10.32             | (8.89 - 11.95)                      | 13.79             | (12.37 - 15.34)                     |
| Central                                     | 13.82               | (10.98 - 17.27)                       | 31.98               | (27.09 - 37.31)                       | 11.52             | (9.30 - 14.19)                      | 14.36             | (12.15 - 16.89)                     |
| East                                        | 15.01               | (11.20 - 19.82)                       | *                   | (* - *)                               | 11.77             | (8.76 - 15.64)                      | 16.03             | (12.72 - 20.01)                     |
| North Central                               | 12.41               | (9.55 - 15.98)                        | *                   | (* - *)                               | 8.42              | (6.30 - 11.16)                      | 11.45             | (9.07 - 14.34)                      |
| Northeast                                   | 13.72               | (10.34 - 17.99)                       | *                   | (* - *)                               | 8.99              | (6.70 - 11.97)                      | 12.16             | (9.60 - 15.28)                      |
| Northwest                                   | 13.72               | (10.45 - 17.80)                       | *                   | (* - *)                               | 9.99              | (7.48 - 13.23)                      | 13.26             | (10.49 - 16.62)                     |
| Southeast                                   | 13.57               | (10.39 - 17.53)                       | *                   | (* - *)                               | 9.29              | (6.80 - 12.57)                      | 12.23             | (9.49 - 15.63)                      |
| Southwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | 9.23              | (6.71 - 12.57)                      | 11.95             | (9.19 - 15.40)                      |
| West                                        | 14.55               | (10.89 - 19.17)                       | *                   | (* - *)                               | 12.15             | (9.14 - 15.97)                      | 18.26             | (14.83 - 22.27)                     |
| <b>Iowa</b>                                 | 9.59                | (8.00 - 11.45)                        | 26.46               | (23.56 - 29.57)                       | 6.10              | (5.01 - 7.42)                       | 9.20              | (8.06 - 10.47)                      |
| Central                                     | 9.92                | (7.49 - 13.02)                        | 25.05               | (19.81 - 31.14)                       | 6.70              | (4.91 - 9.07)                       | 9.32              | (7.33 - 11.77)                      |
| North Central                               | 9.96                | (7.25 - 13.55)                        | *                   | (* - *)                               | 5.86              | (4.18 - 8.15)                       | 10.06             | (7.91 - 12.70)                      |
| Northeast                                   | 9.52                | (7.22 - 12.45)                        | 27.32               | (22.54 - 32.68)                       | 6.09              | (4.58 - 8.06)                       | 9.32              | (7.61 - 11.35)                      |
| Northwest                                   | 9.79                | (7.30 - 13.00)                        | *                   | (* - *)                               | 5.46              | (3.91 - 7.58)                       | 7.99              | (6.17 - 10.28)                      |
| Southeast                                   | 8.98                | (6.85 - 11.68)                        | 27.59               | (22.29 - 33.60)                       | 6.41              | (4.77 - 8.55)                       | 9.80              | (7.92 - 12.07)                      |
| Southwest                                   | 9.69                | (7.16 - 12.99)                        | *                   | (* - *)                               | 5.69              | (4.01 - 8.02)                       | 8.26              | (6.25 - 10.84)                      |
| <b>Kansas</b>                               | 12.63               | (10.70 - 14.85)                       | 27.92               | (24.81 - 31.27)                       | 8.48              | (7.19 - 9.98)                       | 11.47             | (10.18 - 12.91)                     |
| Northeast                                   | 12.39               | (9.95 - 15.31)                        | 30.05               | (25.83 - 34.64)                       | 8.89              | (7.24 - 10.87)                      | 12.32             | (10.66 - 14.20)                     |
| Northwest and North Central                 | 13.60               | (10.03 - 18.18)                       | *                   | (* - *)                               | 7.25              | (5.12 - 10.17)                      | 9.89              | (7.40 - 13.10)                      |
| South Central                               | 12.91               | (10.18 - 16.24)                       | 25.68               | (21.05 - 30.94)                       | 8.48              | (6.63 - 10.80)                      | 10.99             | (9.07 - 13.27)                      |
| Southeast                                   | 13.22               | (9.90 - 17.45)                        | *                   | (* - *)                               | 8.36              | (5.98 - 11.59)                      | 11.06             | (8.31 - 14.58)                      |
| Southwest                                   | 11.58               | (8.55 - 15.50)                        | *                   | (* - *)                               | 6.82              | (4.74 - 9.73)                       | 9.18              | (6.74 - 12.39)                      |
| <b>Kentucky</b>                             | 11.33               | (9.65 - 13.26)                        | 29.65               | (26.63 - 32.86)                       | 10.01             | (8.54 - 11.70)                      | 12.79             | (11.37 - 14.37)                     |
| Adanta, Cumberland River,<br>and Lifeskills | 10.45               | (8.01 - 13.53)                        | *                   | (* - *)                               | 8.58              | (6.44 - 11.34)                      | 11.10             | (8.81 - 13.89)                      |
| Bluegrass, Comprehend, and<br>North Key     | 11.36               | (8.86 - 14.46)                        | 32.74               | (27.85 - 38.04)                       | 10.79             | (8.52 - 13.57)                      | 14.07             | (11.80 - 16.70)                     |
| Centerstone                                 | 12.80               | (10.20 - 15.95)                       | 33.52               | (27.67 - 39.94)                       | 11.43             | (8.96 - 14.47)                      | 14.38             | (11.88 - 17.30)                     |
| Communicare and River Valley                | 10.96               | (8.20 - 14.51)                        | *                   | (* - *)                               | 9.26              | (6.75 - 12.58)                      | 11.51             | (8.81 - 14.91)                      |
| Four Rivers and Pennyroyal                  | 10.74               | (7.90 - 14.46)                        | *                   | (* - *)                               | 8.02              | (5.68 - 11.20)                      | 10.44             | (7.90 - 13.67)                      |
| Kentucky River, Mountain,<br>and Pathways   | 10.32               | (7.69 - 13.72)                        | *                   | (* - *)                               | 9.69              | (7.06 - 13.17)                      | 12.11             | (9.31 - 15.60)                      |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 9.79                | (8.15 - 11.70)                        | 28.38               | (25.45 - 31.51)                       | 8.48              | (7.22 - 9.95)                       | 11.41             | (10.13 - 12.83)                     |
| Regions 1 and 10      | 10.77               | (8.46 - 13.61)                        | 35.26               | (29.48 - 41.50)                       | 11.42             | (9.09 - 14.26)                      | 14.71             | (12.20 - 17.63)                     |
| Region 1              | 11.41               | (8.46 - 15.22)                        | *                   | (* - *)                               | 13.80             | (10.51 - 17.90)                     | 17.71             | (14.13 - 21.96)                     |
| Region 10 (Jefferson) | 10.10               | (7.43 - 13.60)                        | *                   | (* - *)                               | 8.91              | (6.44 - 12.20)                      | 11.42             | (8.74 - 14.79)                      |
| Regions 2 and 9       | 10.67               | (8.25 - 13.70)                        | 33.44               | (28.32 - 38.98)                       | 8.74              | (6.88 - 11.04)                      | 12.51             | (10.54 - 14.78)                     |
| Region 3              | 8.50                | (6.31 - 11.36)                        | *                   | (* - *)                               | 6.74              | (4.83 - 9.31)                       | 8.98              | (6.87 - 11.65)                      |
| Regions 4, 5, and 6   | 8.39                | (6.33 - 11.05)                        | 20.82               | (16.21 - 26.34)                       | 6.92              | (5.20 - 9.15)                       | 8.96              | (7.09 - 11.26)                      |
| Regions 7 and 8       | 10.20               | (7.82 - 13.19)                        | 27.06               | (22.04 - 32.74)                       | 7.95              | (6.10 - 10.31)                      | 10.87             | (8.86 - 13.25)                      |
| <b>Maine</b>          | 16.91               | (14.70 - 19.38)                       | 42.59               | (39.09 - 46.16)                       | 17.69             | (15.66 - 19.92)                     | 20.67             | (18.76 - 22.73)                     |
| Aroostook/Downeast    | 16.26               | (13.14 - 19.95)                       | 39.77               | (33.55 - 46.34)                       | 16.91             | (13.64 - 20.77)                     | 19.41             | (16.15 - 23.15)                     |
| Aroostook             | 15.59               | (11.89 - 20.18)                       | *                   | (* - *)                               | 15.36             | (11.72 - 19.88)                     | 17.79             | (14.09 - 22.22)                     |
| Downeast              | *                   | (* - *)                               | *                   | (* - *)                               | 18.14             | (13.63 - 23.74)                     | 20.70             | (16.13 - 26.16)                     |
| Central               | 16.75               | (12.96 - 21.37)                       | *                   | (* - *)                               | 17.72             | (13.96 - 22.23)                     | 20.57             | (16.81 - 24.92)                     |
| Cumberland            | 16.79               | (13.52 - 20.67)                       | 46.39               | (39.98 - 52.92)                       | 18.60             | (15.24 - 22.50)                     | 22.01             | (18.75 - 25.66)                     |
| Midcoast              | 17.47               | (13.61 - 22.14)                       | *                   | (* - *)                               | 17.72             | (13.98 - 22.22)                     | 20.05             | (16.31 - 24.40)                     |
| Penquis               | 16.35               | (12.74 - 20.75)                       | *                   | (* - *)                               | 17.45             | (13.78 - 21.84)                     | 20.75             | (17.08 - 24.98)                     |
| Western               | 17.41               | (13.93 - 21.55)                       | *                   | (* - *)                               | 18.24             | (14.65 - 22.47)                     | 21.33             | (17.79 - 25.36)                     |
| York                  | 17.23               | (13.42 - 21.84)                       | *                   | (* - *)                               | 16.70             | (13.07 - 21.09)                     | 19.62             | (16.06 - 23.75)                     |
| <b>Maryland</b>       | 14.52               | (12.50 - 16.80)                       | 39.60               | (36.18 - 43.13)                       | 11.39             | (9.86 - 13.12)                      | 15.24             | (13.70 - 16.92)                     |
| Anne Arundel          | 15.30               | (11.59 - 19.93)                       | *                   | (* - *)                               | 11.35             | (8.49 - 15.02)                      | 15.30             | (12.14 - 19.09)                     |
| Baltimore City        | 13.89               | (10.55 - 18.07)                       | *                   | (* - *)                               | 18.01             | (14.33 - 22.38)                     | 21.57             | (17.91 - 25.73)                     |
| Baltimore County      | 14.88               | (11.48 - 19.07)                       | *                   | (* - *)                               | 10.68             | (8.03 - 14.07)                      | 14.42             | (11.50 - 17.93)                     |
| Montgomery            | 12.78               | (9.80 - 16.51)                        | *                   | (* - *)                               | 9.52              | (7.35 - 12.24)                      | 12.55             | (10.18 - 15.38)                     |
| North Central         | 12.90               | (9.73 - 16.92)                        | *                   | (* - *)                               | 8.50              | (6.18 - 11.60)                      | 12.08             | (9.43 - 15.34)                      |
| Northeast             | 17.10               | (12.96 - 22.21)                       | *                   | (* - *)                               | 11.67             | (8.65 - 15.55)                      | 15.51             | (12.22 - 19.49)                     |
| Prince George's       | 16.45               | (12.59 - 21.21)                       | *                   | (* - *)                               | 13.27             | (10.22 - 17.05)                     | 18.45             | (15.29 - 22.09)                     |
| South                 | 13.13               | (9.93 - 17.17)                        | *                   | (* - *)                               | 8.92              | (6.51 - 12.10)                      | 12.71             | (9.95 - 16.10)                      |
| West                  | 14.99               | (11.65 - 19.08)                       | *                   | (* - *)                               | 10.44             | (7.79 - 13.85)                      | 14.00             | (11.09 - 17.52)                     |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 15.31               | (13.11 - 17.80)                       | 42.37               | (38.83 - 45.99)                       | 14.77             | (12.98 - 16.76)                     | 18.87             | (17.14 - 20.72)                     |
| Boston                | 12.53               | (9.41 - 16.48)                        | *                   | (* - *)                               | 18.18             | (14.34 - 22.77)                     | 23.70             | (19.77 - 28.14)                     |
| Central               | 15.38               | (11.82 - 19.77)                       | *                   | (* - *)                               | 13.85             | (10.75 - 17.65)                     | 17.31             | (14.15 - 21.00)                     |
| Metrowest             | 15.21               | (11.98 - 19.11)                       | 45.21               | (38.61 - 51.99)                       | 14.93             | (12.16 - 18.20)                     | 19.03             | (16.19 - 22.24)                     |
| Northeast             | 15.56               | (12.26 - 19.54)                       | 39.90               | (33.53 - 46.63)                       | 13.23             | (10.65 - 16.33)                     | 16.78             | (14.12 - 19.82)                     |
| Southeast             | 15.79               | (12.29 - 20.05)                       | *                   | (* - *)                               | 14.05             | (11.05 - 17.70)                     | 17.37             | (14.30 - 20.93)                     |
| Western               | 16.32               | (12.66 - 20.78)                       | *                   | (* - *)                               | 15.77             | (12.31 - 19.97)                     | 20.72             | (17.20 - 24.74)                     |
| <b>Michigan</b>       | 14.24               | (12.82 - 15.78)                       | 34.72               | (32.55 - 36.95)                       | 12.32             | (11.18 - 13.55)                     | 15.59             | (14.54 - 16.70)                     |
| Region 1              | 14.25               | (10.94 - 18.37)                       | *                   | (* - *)                               | 11.93             | (9.03 - 15.61)                      | 14.98             | (11.92 - 18.68)                     |
| Region 2              | 13.48               | (10.26 - 17.51)                       | *                   | (* - *)                               | 9.45              | (7.00 - 12.64)                      | 11.60             | (8.97 - 14.88)                      |
| Region 3              | 15.35               | (12.65 - 18.50)                       | 36.18               | (31.26 - 41.41)                       | 12.27             | (10.05 - 14.90)                     | 15.92             | (13.70 - 18.43)                     |
| Region 4              | 15.41               | (12.39 - 19.02)                       | 33.63               | (28.58 - 39.09)                       | 11.60             | (9.31 - 14.36)                      | 14.92             | (12.59 - 17.60)                     |
| Region 5              | 13.00               | (10.68 - 15.73)                       | 33.52               | (29.25 - 38.08)                       | 11.61             | (9.66 - 13.89)                      | 15.33             | (13.41 - 17.47)                     |
| Region 6              | 13.76               | (10.90 - 17.22)                       | 37.59               | (31.68 - 43.90)                       | 12.61             | (9.98 - 15.82)                      | 16.77             | (14.08 - 19.86)                     |
| Region 7              | 13.90               | (11.37 - 16.88)                       | 34.72               | (30.20 - 39.53)                       | 14.17             | (11.83 - 16.89)                     | 17.24             | (14.98 - 19.76)                     |
| Region 8              | 13.92               | (11.23 - 17.13)                       | 34.19               | (28.98 - 39.80)                       | 11.62             | (9.45 - 14.22)                      | 14.41             | (12.23 - 16.91)                     |
| Region 9              | 15.24               | (12.11 - 19.00)                       | 36.96               | (31.26 - 43.04)                       | 13.33             | (10.71 - 16.47)                     | 16.32             | (13.70 - 19.32)                     |
| Region 10             | 14.80               | (11.73 - 18.49)                       | 35.03               | (28.94 - 41.65)                       | 12.40             | (9.84 - 15.51)                      | 15.46             | (12.80 - 18.55)                     |
| <b>Minnesota</b>      | 12.37               | (10.55 - 14.45)                       | 32.62               | (29.54 - 35.86)                       | 9.58              | (8.18 - 11.21)                      | 12.76             | (11.38 - 14.29)                     |
| Regions 1 and 2       | 12.29               | (9.62 - 15.57)                        | *                   | (* - *)                               | 9.55              | (7.25 - 12.48)                      | 12.46             | (9.95 - 15.49)                      |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | 8.30              | (5.80 - 11.74)                      | 10.90             | (8.07 - 14.58)                      |
| Region 2              | 12.64               | (9.28 - 16.99)                        | *                   | (* - *)                               | 10.29             | (7.36 - 14.22)                      | 13.39             | (10.13 - 17.49)                     |
| Regions 3 and 4       | 12.78               | (10.19 - 15.90)                       | 29.85               | (24.68 - 35.58)                       | 8.39              | (6.53 - 10.70)                      | 11.44             | (9.42 - 13.83)                      |
| Region 3              | 13.69               | (10.05 - 18.38)                       | *                   | (* - *)                               | 8.59              | (6.01 - 12.13)                      | 11.63             | (8.59 - 15.56)                      |
| Region 4              | 12.35               | (9.38 - 16.09)                        | *                   | (* - *)                               | 8.27              | (6.16 - 11.03)                      | 11.34             | (9.02 - 14.16)                      |
| Regions 5 and 6       | 12.35               | (9.77 - 15.48)                        | 29.02               | (24.39 - 34.12)                       | 7.99              | (6.23 - 10.20)                      | 11.06             | (9.14 - 13.31)                      |
| Region 5              | 11.65               | (8.70 - 15.42)                        | *                   | (* - *)                               | 7.56              | (5.47 - 10.34)                      | 10.55             | (8.25 - 13.41)                      |
| Region 6              | 13.03               | (9.73 - 17.24)                        | *                   | (* - *)                               | 8.44              | (6.13 - 11.50)                      | 11.57             | (8.95 - 14.84)                      |
| Region 7              | 12.26               | (10.22 - 14.65)                       | 35.07               | (31.19 - 39.15)                       | 10.50             | (8.80 - 12.47)                      | 13.82             | (12.12 - 15.70)                     |
| Region 7A (Hennepin)  | 12.81               | (10.07 - 16.17)                       | 40.65               | (34.52 - 47.10)                       | 12.51             | (9.98 - 15.57)                      | 16.21             | (13.61 - 19.19)                     |
| Region 7B (Ramsey)    | 10.17               | (7.63 - 13.43)                        | *                   | (* - *)                               | 10.43             | (7.73 - 13.92)                      | 13.64             | (10.77 - 17.14)                     |
| Region 7C             | 12.57               | (9.76 - 16.04)                        | 31.60               | (25.83 - 38.00)                       | 8.47              | (6.49 - 10.99)                      | 11.45             | (9.34 - 13.96)                      |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 9.55                | (7.99 - 11.38)                        | 23.52               | (20.73 - 26.57)                       | 6.60              | (5.47 - 7.94)                       | 9.17              | (8.01 - 10.48)                      |
| Region 1                               | 10.54               | (8.22 - 13.42)                        | 26.47               | (21.40 - 32.24)                       | 7.12              | (5.41 - 9.32)                       | 10.05             | (8.17 - 12.31)                      |
| Region 2                               | 9.40                | (6.91 - 12.66)                        | *                   | (* - *)                               | 7.88              | (5.77 - 10.66)                      | 10.10             | (7.80 - 12.98)                      |
| Region 3                               | 8.11                | (5.94 - 10.98)                        | 20.46               | (15.65 - 26.30)                       | 5.26              | (3.75 - 7.33)                       | 7.85              | (6.05 - 10.13)                      |
| Region 4                               | 9.60                | (7.23 - 12.63)                        | 25.55               | (20.31 - 31.60)                       | 6.54              | (4.78 - 8.90)                       | 9.39              | (7.40 - 11.83)                      |
| Region 5                               | 9.19                | (6.65 - 12.58)                        | *                   | (* - *)                               | 7.60              | (5.21 - 10.95)                      | 9.85              | (7.16 - 13.40)                      |
| Region 6                               | 9.43                | (7.00 - 12.59)                        | *                   | (* - *)                               | 6.41              | (4.60 - 8.86)                       | 8.86              | (6.80 - 11.48)                      |
| Region 7                               | 9.62                | (7.06 - 12.99)                        | *                   | (* - *)                               | 5.85              | (4.19 - 8.11)                       | 8.08              | (6.17 - 10.53)                      |
| <b>Missouri</b>                        | 12.11               | (10.31 - 14.18)                       | 32.44               | (29.35 - 35.68)                       | 10.21             | (8.73 - 11.92)                      | 13.39             | (11.93 - 14.99)                     |
| Central                                | 10.34               | (7.79 - 13.59)                        | *                   | (* - *)                               | 8.20              | (6.09 - 10.96)                      | 12.09             | (9.72 - 14.93)                      |
| Eastern                                | 13.45               | (10.95 - 16.41)                       | 34.76               | (30.04 - 39.81)                       | 11.39             | (9.36 - 13.80)                      | 14.56             | (12.51 - 16.89)                     |
| Eastern (St. Louis City and<br>County) | 13.07               | (10.17 - 16.65)                       | 36.12               | (29.96 - 42.77)                       | 12.79             | (10.14 - 16.01)                     | 16.00             | (13.31 - 19.12)                     |
| Eastern (excluding St. Louis)          | 13.98               | (10.68 - 18.10)                       | *                   | (* - *)                               | 9.00              | (6.79 - 11.83)                      | 12.08             | (9.67 - 15.00)                      |
| Northwest                              | 13.09               | (10.53 - 16.15)                       | 36.14               | (30.92 - 41.71)                       | 11.49             | (9.32 - 14.09)                      | 14.92             | (12.68 - 17.49)                     |
| Northwest (Jackson)                    | 13.84               | (10.60 - 17.86)                       | *                   | (* - *)                               | 14.26             | (11.07 - 18.19)                     | 17.60             | (14.34 - 21.42)                     |
| Northwest (excluding Jackson)          | 12.49               | (9.44 - 16.36)                        | *                   | (* - *)                               | 9.12              | (6.82 - 12.09)                      | 12.66             | (10.11 - 15.75)                     |
| Southeast                              | 10.24               | (7.61 - 13.66)                        | *                   | (* - *)                               | 8.43              | (6.22 - 11.32)                      | 10.92             | (8.52 - 13.90)                      |
| Southwest                              | 10.48               | (7.82 - 13.91)                        | *                   | (* - *)                               | 8.66              | (6.45 - 11.53)                      | 11.38             | (9.01 - 14.28)                      |
| <b>Montana</b>                         | 15.48               | (13.38 - 17.85)                       | 35.18               | (32.08 - 38.40)                       | 14.16             | (12.39 - 16.12)                     | 17.12             | (15.46 - 18.91)                     |
| Region 1                               | 13.45               | (10.06 - 17.75)                       | *                   | (* - *)                               | 10.34             | (7.57 - 13.97)                      | 12.58             | (9.64 - 16.25)                      |
| Region 2                               | 13.62               | (10.52 - 17.46)                       | 26.39               | (20.93 - 32.69)                       | 11.64             | (8.95 - 15.01)                      | 13.80             | (11.09 - 17.05)                     |
| Region 3                               | 14.96               | (11.81 - 18.77)                       | 28.29               | (23.00 - 34.26)                       | 11.28             | (8.88 - 14.24)                      | 13.49             | (11.09 - 16.31)                     |
| Region 4                               | 15.95               | (12.72 - 19.81)                       | 39.19               | (33.76 - 44.90)                       | 15.63             | (12.79 - 18.98)                     | 19.17             | (16.43 - 22.24)                     |
| Region 5                               | 17.07               | (13.87 - 20.84)                       | 41.46               | (36.24 - 46.89)                       | 16.96             | (14.09 - 20.28)                     | 20.43             | (17.68 - 23.50)                     |
| <b>Nebraska</b>                        | 11.60               | (9.81 - 13.68)                        | 30.28               | (26.99 - 33.78)                       | 7.62              | (6.35 - 9.12)                       | 11.06             | (9.75 - 12.53)                      |
| Regions 1 and 2                        | 11.75               | (9.02 - 15.17)                        | *                   | (* - *)                               | 6.43              | (4.68 - 8.76)                       | 9.12              | (7.08 - 11.66)                      |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | 6.82              | (4.68 - 9.84)                       | 9.53              | (7.01 - 12.83)                      |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | 6.08              | (4.08 - 8.97)                       | 8.75              | (6.31 - 12.02)                      |
| Region 3                               | 10.32               | (7.83 - 13.49)                        | *                   | (* - *)                               | 5.85              | (4.23 - 8.04)                       | 8.90              | (6.96 - 11.32)                      |
| Region 4                               | 9.78                | (7.24 - 13.09)                        | *                   | (* - *)                               | 5.48              | (3.86 - 7.73)                       | 8.04              | (6.11 - 10.50)                      |
| Region 5                               | 11.42               | (8.82 - 14.66)                        | 30.93               | (25.20 - 37.31)                       | 7.72              | (5.91 - 10.02)                      | 11.64             | (9.56 - 14.10)                      |
| Region 6                               | 12.49               | (9.97 - 15.54)                        | 33.57               | (28.85 - 38.65)                       | 8.95              | (7.11 - 11.21)                      | 12.63             | (10.72 - 14.82)                     |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 14.47               | (12.27 - 16.99)                       | 30.11               | (26.86 - 33.57)                       | 10.29             | (8.71 - 12.11)                      | 12.90             | (11.38 - 14.59)                     |
| Clark – Region 1        | 13.62               | (11.22 - 16.44)                       | 29.21               | (25.43 - 33.30)                       | 9.91              | (8.18 - 11.96)                      | 12.49             | (10.81 - 14.40)                     |
| Region 3                | 16.11               | (12.44 - 20.61)                       | *                   | (* - *)                               | 9.21              | (6.87 - 12.25)                      | 11.48             | (8.96 - 14.60)                      |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | 10.07             | (6.92 - 14.44)                      | 12.54             | (9.08 - 17.08)                      |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | 8.41              | (5.91 - 11.84)                      | 10.52             | (7.78 - 14.06)                      |
| Washoe – Region 2       | 17.27               | (13.49 - 21.84)                       | 35.15               | (29.01 - 41.83)                       | 12.87             | (9.97 - 16.46)                      | 15.89             | (12.97 - 19.33)                     |
| <b>New Hampshire</b>    | 15.83               | (13.65 - 18.28)                       | 42.25               | (38.68 - 45.89)                       | 14.40             | (12.57 - 16.44)                     | 18.17             | (16.44 - 20.04)                     |
| Central                 | 14.22               | (11.59 - 17.33)                       | 39.77               | (35.07 - 44.68)                       | 13.84             | (11.43 - 16.65)                     | 17.58             | (15.24 - 20.19)                     |
| Central 1               | 15.12               | (11.74 - 19.27)                       | *                   | (* - *)                               | 15.27             | (12.12 - 19.07)                     | 19.71             | (16.52 - 23.35)                     |
| Central 2               | 13.40               | (10.34 - 17.18)                       | 35.89               | (30.07 - 42.16)                       | 12.47             | (9.56 - 16.11)                      | 15.47             | (12.59 - 18.86)                     |
| Northern                | 17.88               | (14.01 - 22.55)                       | *                   | (* - *)                               | 16.31             | (12.71 - 20.68)                     | 20.84             | (17.19 - 25.03)                     |
| Southern                | 16.17               | (13.66 - 19.05)                       | 42.06               | (37.34 - 46.93)                       | 14.24             | (12.13 - 16.65)                     | 17.87             | (15.81 - 20.13)                     |
| Southern 1 (Rockingham) | 14.55               | (11.39 - 18.39)                       | *                   | (* - *)                               | 12.73             | (10.05 - 15.99)                     | 16.20             | (13.43 - 19.42)                     |
| Southern 2              | 17.23               | (14.21 - 20.73)                       | 42.08               | (36.48 - 47.90)                       | 15.21             | (12.56 - 18.29)                     | 18.90             | (16.33 - 21.78)                     |
| <b>New Jersey</b>       | 11.49               | (9.95 - 13.24)                        | 34.31               | (31.48 - 37.25)                       | 8.91              | (7.73 - 10.26)                      | 12.23             | (11.06 - 13.50)                     |
| Central                 | 11.66               | (9.19 - 14.69)                        | 35.77               | (30.36 - 41.56)                       | 8.15              | (6.37 - 10.37)                      | 11.62             | (9.71 - 13.86)                      |
| Metropolitan            | 10.21               | (8.08 - 12.83)                        | 31.17               | (26.26 - 36.54)                       | 8.59              | (6.71 - 10.93)                      | 11.74             | (9.79 - 14.03)                      |
| Northern                | 11.44               | (9.32 - 13.95)                        | 31.35               | (27.06 - 35.99)                       | 9.12              | (7.48 - 11.07)                      | 11.90             | (10.25 - 13.77)                     |
| Southern                | 12.89               | (10.29 - 16.04)                       | 40.90               | (35.39 - 46.65)                       | 9.82              | (7.82 - 12.26)                      | 13.97             | (11.88 - 16.36)                     |
| <b>New Mexico</b>       | 15.27               | (13.14 - 17.67)                       | 33.22               | (29.91 - 36.70)                       | 13.21             | (11.40 - 15.26)                     | 16.11             | (14.38 - 18.00)                     |
| Region 1                | 14.64               | (11.42 - 18.59)                       | 30.69               | (24.87 - 37.20)                       | 11.66             | (8.95 - 15.04)                      | 14.43             | (11.67 - 17.70)                     |
| Region 2                | 17.67               | (13.68 - 22.52)                       | *                   | (* - *)                               | 16.74             | (12.87 - 21.50)                     | 19.68             | (15.78 - 24.26)                     |
| Region 3 (Bernalillo)   | 16.21               | (13.03 - 20.00)                       | 35.78               | (30.78 - 41.11)                       | 15.01             | (12.26 - 18.25)                     | 17.94             | (15.31 - 20.91)                     |
| Region 4                | 13.49               | (10.32 - 17.45)                       | *                   | (* - *)                               | 9.75              | (7.26 - 12.96)                      | 12.61             | (9.91 - 15.92)                      |
| Region 5                | 14.23               | (11.52 - 17.47)                       | 30.78               | (25.81 - 36.25)                       | 11.23             | (8.92 - 14.04)                      | 14.36             | (11.98 - 17.12)                     |
| Region 5a               | 15.55               | (12.00 - 19.92)                       | *                   | (* - *)                               | 12.86             | (9.73 - 16.81)                      | 15.53             | (12.29 - 19.43)                     |
| Region 5b (Dona Ana)    | 13.18               | (9.99 - 17.20)                        | *                   | (* - *)                               | 9.63              | (7.02 - 13.08)                      | 13.28             | (10.38 - 16.84)                     |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 12.71               | (11.48 - 14.06)                       | 35.82               | (33.79 - 37.91)                       | 11.72             | (10.73 - 12.79)                     | 15.20             | (14.27 - 16.18)                     |
| Region 1: Long Island                          | 13.78               | (11.42 - 16.55)                       | 37.89               | (33.13 - 42.90)                       | 9.66              | (7.93 - 11.72)                      | 13.52             | (11.71 - 15.56)                     |
| Region 2: New York City                        | 11.50               | (10.03 - 13.15)                       | 33.71               | (30.91 - 36.63)                       | 12.87             | (11.51 - 14.37)                     | 15.78             | (14.46 - 17.19)                     |
| Region 2A: Bronx                               | 10.63               | (8.35 - 13.45)                        | 26.63               | (21.78 - 32.12)                       | 8.59              | (6.68 - 10.98)                      | 11.63             | (9.56 - 14.08)                      |
| Region 2B: Kings                               | 12.11               | (9.68 - 15.04)                        | 34.90               | (30.08 - 40.06)                       | 14.73             | (12.38 - 17.44)                     | 17.64             | (15.33 - 20.21)                     |
| Region 2C: New York                            | 14.80               | (11.63 - 18.66)                       | 48.16               | (42.28 - 54.10)                       | 19.41             | (16.33 - 22.92)                     | 23.10             | (20.12 - 26.38)                     |
| Region 2D: Queens                              | 9.81                | (7.68 - 12.44)                        | 26.73               | (21.99 - 32.07)                       | 9.04              | (7.22 - 11.25)                      | 11.29             | (9.42 - 13.47)                      |
| Region 2E: Richmond                            | 11.24               | (8.54 - 14.64)                        | *                   | (* - *)                               | 8.98              | (6.71 - 11.92)                      | 12.29             | (9.72 - 15.43)                      |
| Region 3: Mid-Hudson                           | 12.20               | (9.83 - 15.04)                        | 34.02               | (29.02 - 39.41)                       | 9.37              | (7.58 - 11.53)                      | 12.93             | (11.04 - 15.08)                     |
| Region 4: Capital Region                       | 15.24               | (12.08 - 19.05)                       | *                   | (* - *)                               | 13.80             | (11.05 - 17.09)                     | 18.41             | (15.57 - 21.63)                     |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | 10.45             | (7.77 - 13.93)                      | 14.01             | (10.97 - 17.71)                     |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | 12.16             | (9.26 - 15.81)                      | 15.68             | (12.47 - 19.54)                     |
| Region 7: Tug Hill Seaway                      | 10.75               | (8.02 - 14.25)                        | *                   | (* - *)                               | 8.90              | (6.53 - 12.01)                      | 12.49             | (9.68 - 15.97)                      |
| Region 8: Central                              | 13.93               | (11.11 - 17.33)                       | 36.32               | (30.32 - 42.78)                       | 11.36             | (9.13 - 14.06)                      | 15.37             | (12.96 - 18.14)                     |
| Region 9: Southern Tier                        | 12.96               | (9.91 - 16.79)                        | *                   | (* - *)                               | 11.62             | (8.81 - 15.18)                      | 17.29             | (14.15 - 20.97)                     |
| Region 10: Finger Lakes                        | 14.19               | (11.41 - 17.52)                       | 38.22               | (32.58 - 44.19)                       | 11.52             | (9.33 - 14.14)                      | 15.55             | (13.25 - 18.16)                     |
| Region 11: Western                             | 13.78               | (11.23 - 16.79)                       | 36.98               | (31.90 - 42.36)                       | 12.28             | (10.30 - 14.59)                     | 15.91             | (13.90 - 18.14)                     |
| <b>North Carolina</b>                          | 11.33               | (9.89 - 12.95)                        | 30.59               | (28.09 - 33.20)                       | 9.07              | (7.91 - 10.38)                      | 12.08             | (10.94 - 13.33)                     |
| Alliance Behavioral<br>Healthcare 1            | 10.67               | (8.23 - 13.72)                        | 30.46               | (24.64 - 36.97)                       | 9.15              | (6.89 - 12.06)                      | 12.46             | (9.98 - 15.46)                      |
| Alliance Behavioral<br>Healthcare 2            | 10.72               | (8.25 - 13.83)                        | *                   | (* - *)                               | 9.48              | (7.16 - 12.46)                      | 12.33             | (9.86 - 15.33)                      |
| Cardinal Innovations<br>Healthcare Solutions 1 | 11.49               | (8.78 - 14.92)                        | *                   | (* - *)                               | 8.28              | (6.19 - 10.99)                      | 11.09             | (8.75 - 13.96)                      |
| Cardinal Innovations<br>Healthcare Solutions 2 | 10.33               | (7.69 - 13.73)                        | *                   | (* - *)                               | 8.13              | (6.05 - 10.83)                      | 10.95             | (8.66 - 13.75)                      |
| Cardinal Innovations<br>Healthcare Solutions 3 | 11.75               | (8.99 - 15.22)                        | 34.20               | (28.56 - 40.33)                       | 11.13             | (8.64 - 14.21)                      | 14.27             | (11.71 - 17.28)                     |
| CenterPoint Human Services                     | 10.83               | (8.23 - 14.12)                        | *                   | (* - *)                               | 8.65              | (6.36 - 11.67)                      | 11.42             | (8.92 - 14.50)                      |
| Eastpointe                                     | 10.23               | (7.77 - 13.37)                        | 23.78               | (18.53 - 29.97)                       | 7.62              | (5.66 - 10.18)                      | 9.86              | (7.71 - 12.52)                      |
| Partners Behavioral Health<br>Management       | 12.35               | (9.51 - 15.89)                        | *                   | (* - *)                               | 8.98              | (6.72 - 11.90)                      | 11.80             | (9.31 - 14.86)                      |
| Sandhills Center 1                             | *                   | (* - *)                               | *                   | (* - *)                               | 9.21              | (6.72 - 12.49)                      | 12.04             | (9.28 - 15.49)                      |
| Sandhills Center 2                             | 12.25               | (9.27 - 16.02)                        | *                   | (* - *)                               | 10.34             | (7.69 - 13.77)                      | 14.22             | (11.20 - 17.90)                     |
| Smoky Mountain Center 1                        | 11.61               | (8.73 - 15.26)                        | *                   | (* - *)                               | 8.44              | (6.31 - 11.21)                      | 11.57             | (9.19 - 14.47)                      |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 8.06              | (5.89 - 10.93)                      | 10.20             | (7.80 - 13.24)                      |
| Trillium Health Resources 1                    | 11.38               | (8.60 - 14.91)                        | 29.95               | (24.22 - 36.39)                       | 8.91              | (6.74 - 11.69)                      | 12.24             | (9.87 - 15.09)                      |
| Trillium Health Resources 2                    | *                   | (* - *)                               | *                   | (* - *)                               | 9.96              | (7.33 - 13.41)                      | 14.29             | (11.28 - 17.93)                     |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 11.24               | (9.40 - 13.38)                        | 25.16               | (22.40 - 28.14)                       | 6.06              | (4.97 - 7.36)                       | 9.50              | (8.38 - 10.75)                      |
| Badlands and West Central     | 12.10               | (9.64 - 15.10)                        | 24.43               | (19.98 - 29.51)                       | 6.21              | (4.78 - 8.03)                       | 8.88              | (7.29 - 10.78)                      |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | 5.01              | (3.34 - 7.44)                       | 7.57              | (5.43 - 10.46)                      |
| West Central                  | 12.27               | (9.57 - 15.62)                        | 25.16               | (20.00 - 31.13)                       | 6.56              | (4.95 - 8.65)                       | 9.27              | (7.46 - 11.46)                      |
| Lake Region                   | 10.17               | (7.27 - 14.06)                        | *                   | (* - *)                               | 5.34              | (3.60 - 7.84)                       | 7.35              | (5.30 - 10.10)                      |
| North Central                 | 10.96               | (8.12 - 14.63)                        | *                   | (* - *)                               | 6.00              | (4.28 - 8.34)                       | 9.80              | (7.62 - 12.52)                      |
| Northeast                     | 12.29               | (9.30 - 16.08)                        | 29.26               | (23.94 - 35.21)                       | 6.77              | (4.98 - 9.16)                       | 12.34             | (10.09 - 15.00)                     |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | 6.25              | (4.22 - 9.16)                       | 8.86              | (6.37 - 12.20)                      |
| South Central                 | 10.24               | (7.41 - 13.99)                        | *                   | (* - *)                               | 4.25              | (2.84 - 6.32)                       | 6.67              | (4.83 - 9.15)                       |
| Southeast                     | 10.37               | (8.01 - 13.32)                        | 24.28               | (20.31 - 28.75)                       | 6.30              | (4.78 - 8.26)                       | 10.00             | (8.35 - 11.94)                      |
| <b>Ohio</b>                   | 11.71               | (10.44 - 13.11)                       | 32.14               | (30.05 - 34.30)                       | 9.75              | (8.75 - 10.85)                      | 12.86             | (11.92 - 13.87)                     |
| Boards 2, 46, 55, and 68      | 11.10               | (8.40 - 14.53)                        | *                   | (* - *)                               | 7.49              | (5.43 - 10.24)                      | 10.22             | (7.86 - 13.18)                      |
| Boards 3, 52, and 85          | 10.50               | (7.78 - 14.03)                        | *                   | (* - *)                               | 7.10              | (5.08 - 9.85)                       | 9.74              | (7.33 - 12.83)                      |
| Boards 4 and 78               | 10.18               | (7.60 - 13.49)                        | *                   | (* - *)                               | 8.08              | (5.97 - 10.84)                      | 10.47             | (8.10 - 13.43)                      |
| Boards 5 and 60               | 11.22               | (8.46 - 14.74)                        | *                   | (* - *)                               | 9.89              | (7.31 - 13.25)                      | 13.99             | (11.11 - 17.48)                     |
| Boards 7, 15, 41, 79, and 84  | 10.03               | (7.53 - 13.25)                        | *                   | (* - *)                               | 8.28              | (6.05 - 11.22)                      | 10.42             | (7.96 - 13.52)                      |
| Boards 8, 13, and 83          | 10.28               | (7.77 - 13.48)                        | *                   | (* - *)                               | 6.73              | (4.82 - 9.32)                       | 9.06              | (6.86 - 11.90)                      |
| Board 9 (Butler)              | 11.97               | (9.19 - 15.46)                        | *                   | (* - *)                               | 9.91              | (7.36 - 13.23)                      | 13.73             | (10.85 - 17.23)                     |
| Board 12                      | 10.97               | (8.32 - 14.33)                        | *                   | (* - *)                               | 8.39              | (6.10 - 11.43)                      | 11.76             | (9.15 - 15.00)                      |
| Boards 18 and 47              | 12.71               | (10.22 - 15.69)                       | 36.82               | (31.70 - 42.26)                       | 11.05             | (8.98 - 13.53)                      | 14.49             | (12.39 - 16.87)                     |
| Boards 20, 32, 54, and 69     | 10.28               | (7.82 - 13.41)                        | *                   | (* - *)                               | 6.87              | (5.03 - 9.32)                       | 9.06              | (7.00 - 11.66)                      |
| Boards 21, 39, 51, 70, and 80 | 10.66               | (8.14 - 13.85)                        | *                   | (* - *)                               | 7.60              | (5.61 - 10.22)                      | 9.95              | (7.76 - 12.67)                      |
| Boards 22, 74, and 87         | 11.94               | (9.24 - 15.29)                        | *                   | (* - *)                               | 8.61              | (6.45 - 11.42)                      | 11.81             | (9.40 - 14.74)                      |
| Boards 23 and 45              | 10.59               | (8.04 - 13.83)                        | *                   | (* - *)                               | 8.03              | (5.93 - 10.79)                      | 10.77             | (8.43 - 13.64)                      |
| Board 25 (Franklin)           | 12.19               | (9.59 - 15.37)                        | 39.39               | (34.16 - 44.88)                       | 12.66             | (10.21 - 15.58)                     | 16.74             | (14.31 - 19.49)                     |
| Boards 27, 71, and 73         | 11.20               | (8.53 - 14.58)                        | *                   | (* - *)                               | 10.01             | (7.51 - 13.22)                      | 12.38             | (9.70 - 15.67)                      |
| Boards 28, 43, and 67         | 11.32               | (8.64 - 14.69)                        | *                   | (* - *)                               | 7.44              | (5.49 - 10.00)                      | 10.43             | (8.18 - 13.20)                      |
| Board 31 (Hamilton)           | 13.95               | (10.95 - 17.60)                       | 38.88               | (32.67 - 45.47)                       | 13.70             | (11.05 - 16.85)                     | 17.33             | (14.59 - 20.45)                     |
| Board 48 (Lucas)              | 13.21               | (10.04 - 17.19)                       | *                   | (* - *)                               | 12.20             | (9.19 - 16.01)                      | 15.07             | (11.95 - 18.84)                     |
| Boards 50 and 76              | 12.36               | (9.68 - 15.66)                        | *                   | (* - *)                               | 9.58              | (7.34 - 12.40)                      | 12.72             | (10.32 - 15.58)                     |
| Board 57 (Montgomery)         | 12.72               | (9.87 - 16.24)                        | *                   | (* - *)                               | 10.40             | (7.79 - 13.76)                      | 13.71             | (10.89 - 17.12)                     |
| Board 77 (Summit)             | 11.50               | (8.80 - 14.90)                        | *                   | (* - *)                               | 9.13              | (6.80 - 12.14)                      | 11.78             | (9.29 - 14.83)                      |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 11.50               | (9.65 - 13.66)                        | 27.63               | (24.75 - 30.72)                       | 8.03              | (6.71 - 9.59)                       | 10.97             | (9.65 - 12.44)                      |
| Central                               | 12.29               | (9.14 - 16.33)                        | *                   | (* - *)                               | 7.42              | (5.39 - 10.14)                      | 10.75             | (8.44 - 13.59)                      |
| East Central                          | 9.06                | (6.63 - 12.28)                        | *                   | (* - *)                               | 5.85              | (4.13 - 8.23)                       | 8.01              | (6.05 - 10.53)                      |
| Northeast                             | 11.49               | (8.50 - 15.35)                        | *                   | (* - *)                               | 7.31              | (5.22 - 10.15)                      | 10.34             | (7.96 - 13.33)                      |
| Northwest and Southwest               | 12.42               | (9.36 - 16.29)                        | *                   | (* - *)                               | 8.47              | (6.24 - 11.41)                      | 11.98             | (9.46 - 15.07)                      |
| Oklahoma County                       | 12.20               | (9.34 - 15.79)                        | 31.69               | (25.90 - 38.12)                       | 9.43              | (7.13 - 12.38)                      | 12.64             | (10.19 - 15.56)                     |
| Southeast                             | 10.21               | (7.61 - 13.58)                        | *                   | (* - *)                               | 6.61              | (4.81 - 9.02)                       | 8.83              | (6.80 - 11.40)                      |
| Tulsa County                          | 12.07               | (9.14 - 15.78)                        | 29.96               | (24.12 - 36.54)                       | 9.76              | (7.40 - 12.75)                      | 12.64             | (10.18 - 15.60)                     |
| <b>Oregon</b>                         | 18.07               | (15.76 - 20.63)                       | 42.99               | (39.68 - 46.36)                       | 18.46             | (16.54 - 20.55)                     | 21.72             | (19.92 - 23.63)                     |
| Region 1 (Multnomah)                  | 19.45               | (15.55 - 24.05)                       | 46.53               | (39.93 - 53.26)                       | 26.88             | (23.01 - 31.14)                     | 29.33             | (25.62 - 33.33)                     |
| Region 2                              | 15.70               | (12.56 - 19.44)                       | 41.26               | (35.45 - 47.33)                       | 15.72             | (12.88 - 19.05)                     | 18.98             | (16.20 - 22.13)                     |
| Region 3                              | 18.87               | (15.36 - 22.98)                       | 42.84               | (37.84 - 47.99)                       | 17.13             | (14.26 - 20.44)                     | 21.05             | (18.31 - 24.07)                     |
| Region 4                              | 18.89               | (14.85 - 23.71)                       | *                   | (* - *)                               | 16.04             | (12.88 - 19.81)                     | 19.20             | (16.02 - 22.83)                     |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | 15.74             | (11.48 - 21.18)                     | 18.84             | (14.36 - 24.31)                     |
| Region 6 (Eastern)                    | 18.79               | (14.43 - 24.10)                       | *                   | (* - *)                               | 15.83             | (12.04 - 20.52)                     | 19.01             | (15.11 - 23.64)                     |
| <b>Pennsylvania</b>                   | 11.27               | (9.99 - 12.69)                        | 32.44               | (30.40 - 34.55)                       | 9.98              | (8.97 - 11.09)                      | 13.05             | (12.10 - 14.07)                     |
| Region 1 (Allegheny)                  | 12.70               | (10.05 - 15.93)                       | 37.50               | (31.70 - 43.68)                       | 12.31             | (9.95 - 15.14)                      | 15.47             | (13.05 - 18.25)                     |
| Regions 3, 8, 9, and 51               | 11.40               | (8.84 - 14.58)                        | 32.88               | (27.01 - 39.35)                       | 8.70              | (6.66 - 11.30)                      | 11.98             | (9.77 - 14.60)                      |
| Regions 4, 11, 37, and 49             | 11.60               | (9.02 - 14.80)                        | *                   | (* - *)                               | 9.99              | (7.68 - 12.89)                      | 12.64             | (10.16 - 15.60)                     |
| Regions 5, 18, 23, 24, and 46         | 9.12                | (6.96 - 11.87)                        | 23.93               | (19.03 - 29.64)                       | 7.30              | (5.52 - 9.60)                       | 9.43              | (7.52 - 11.77)                      |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 11.09               | (8.62 - 14.17)                        | 35.07               | (29.30 - 41.32)                       | 10.06             | (7.66 - 13.11)                      | 14.63             | (12.01 - 17.71)                     |
| Regions 7, 13, 20, and 33             | 12.87               | (10.50 - 15.67)                       | 38.53               | (33.90 - 43.38)                       | 8.91              | (7.25 - 10.91)                      | 12.73             | (11.04 - 14.64)                     |
| Regions 10, 15, 27, 32, 43, and 44    | 8.78                | (6.49 - 11.77)                        | *                   | (* - *)                               | 7.07              | (5.11 - 9.70)                       | 8.90              | (6.77 - 11.63)                      |
| Regions 17 and 21                     | 9.78                | (7.37 - 12.87)                        | *                   | (* - *)                               | 8.92              | (6.56 - 12.02)                      | 11.35             | (8.80 - 14.53)                      |
| Regions 19, 26, 28, and 42            | 10.00               | (7.88 - 12.61)                        | 25.53               | (21.32 - 30.25)                       | 7.65              | (6.01 - 9.68)                       | 9.97              | (8.27 - 11.98)                      |
| Regions 22, 38, 40, 41, and 48        | 10.27               | (7.84 - 13.34)                        | 25.57               | (20.09 - 31.96)                       | 7.77              | (5.86 - 10.25)                      | 9.78              | (7.73 - 12.32)                      |
| Regions 29 and 34                     | 10.52               | (8.04 - 13.64)                        | *                   | (* - *)                               | 8.78              | (6.47 - 11.80)                      | 11.59             | (9.07 - 14.69)                      |
| Regions 30 and 50                     | 9.68                | (7.35 - 12.64)                        | *                   | (* - *)                               | 9.03              | (6.82 - 11.86)                      | 11.43             | (9.06 - 14.32)                      |
| Region 36 (Philadelphia)              | 12.21               | (9.58 - 15.44)                        | 38.42               | (33.41 - 43.69)                       | 17.59             | (14.53 - 21.13)                     | 21.14             | (18.21 - 24.39)                     |

See notes at end of table.

(continued)



**Table 1 *Marijuana Use in the Past Year*, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 16.08               | (13.74 - 18.73)                       | 41.96               | (38.27 - 45.74)                       | 16.01             | (14.07 - 18.17)                     | 20.04             | (18.18 - 22.04)                     |
| Region 1: Southern Providence<br>County                   | 14.35               | (10.99 - 18.51)                       | *                   | (* - *)                               | 15.01             | (11.83 - 18.85)                     | 18.29             | (15.03 - 22.07)                     |
| Region 2: Northern Providence<br>County/Blackstone Valley | 15.41               | (12.08 - 19.44)                       | 39.76               | (33.40 - 46.49)                       | 15.79             | (12.63 - 19.58)                     | 18.86             | (15.72 - 22.46)                     |
| Region 3: Providence                                      | 14.39               | (10.97 - 18.67)                       | *                   | (* - *)                               | 17.00             | (13.35 - 21.40)                     | 22.80             | (19.09 - 27.00)                     |
| Region 4: Kent County                                     | 17.16               | (13.24 - 21.94)                       | *                   | (* - *)                               | 14.65             | (11.51 - 18.46)                     | 17.67             | (14.48 - 21.39)                     |
| Region 5: East Bay                                        | 19.46               | (14.93 - 24.98)                       | *                   | (* - *)                               | 20.17             | (15.91 - 25.24)                     | 23.86             | (19.59 - 28.73)                     |
| Region 6: Newport County                                  | 17.40               | (13.29 - 22.46)                       | *                   | (* - *)                               | 15.19             | (11.60 - 19.66)                     | 19.20             | (15.38 - 23.70)                     |
| Region 7: South County                                    | 17.59               | (13.48 - 22.64)                       | *                   | (* - *)                               | 16.02             | (12.44 - 20.40)                     | 21.79             | (18.06 - 26.04)                     |
| <b>South Carolina</b>                                     | 10.94               | (9.26 - 12.89)                        | 29.07               | (26.01 - 32.33)                       | 8.51              | (7.21 - 10.02)                      | 11.38             | (10.08 - 12.82)                     |
| Region 1                                                  | 10.51               | (8.19 - 13.40)                        | 24.10               | (19.70 - 29.12)                       | 7.13              | (5.45 - 9.27)                       | 9.50              | (7.74 - 11.61)                      |
| Region 2                                                  | 10.39               | (8.14 - 13.18)                        | 31.58               | (26.31 - 37.36)                       | 9.46              | (7.38 - 12.06)                      | 12.74             | (10.57 - 15.28)                     |
| Region 3                                                  | 10.41               | (8.02 - 13.41)                        | 24.81               | (19.49 - 31.01)                       | 8.15              | (6.16 - 10.70)                      | 10.29             | (8.17 - 12.88)                      |
| Region 4                                                  | 12.35               | (9.67 - 15.65)                        | 35.02               | (29.39 - 41.12)                       | 9.50              | (7.51 - 11.95)                      | 13.03             | (10.93 - 15.47)                     |
| <b>South Dakota</b>                                       | 11.65               | (9.88 - 13.69)                        | 27.25               | (24.29 - 30.43)                       | 8.24              | (6.92 - 9.80)                       | 11.06             | (9.75 - 12.53)                      |
| Region 1                                                  | 14.31               | (11.21 - 18.08)                       | 33.44               | (27.77 - 39.63)                       | 10.93             | (8.59 - 13.83)                      | 14.13             | (11.71 - 16.94)                     |
| Region 2                                                  | 10.27               | (7.52 - 13.89)                        | *                   | (* - *)                               | 7.81              | (5.52 - 10.95)                      | 9.83              | (7.32 - 13.09)                      |
| Region 3                                                  | 10.49               | (8.10 - 13.50)                        | 24.54               | (19.85 - 29.93)                       | 6.48              | (4.80 - 8.71)                       | 9.50              | (7.65 - 11.74)                      |
| Region 4                                                  | 11.65               | (8.84 - 15.20)                        | *                   | (* - *)                               | 7.95              | (5.91 - 10.60)                      | 11.66             | (9.37 - 14.43)                      |
| Region 5                                                  | 10.73               | (8.28 - 13.81)                        | 23.59               | (19.18 - 28.65)                       | 7.63              | (5.83 - 9.92)                       | 9.81              | (7.95 - 12.06)                      |
| <b>Tennessee</b>                                          | 11.18               | (9.50 - 13.13)                        | 28.24               | (25.35 - 31.32)                       | 9.28              | (7.92 - 10.84)                      | 11.94             | (10.59 - 13.43)                     |
| Region 1                                                  | 10.69               | (7.96 - 14.21)                        | *                   | (* - *)                               | 8.06              | (5.82 - 11.06)                      | 10.33             | (7.91 - 13.39)                      |
| Region 2                                                  | 10.81               | (8.26 - 14.03)                        | *                   | (* - *)                               | 8.48              | (6.42 - 11.13)                      | 10.63             | (8.44 - 13.31)                      |
| Region 3                                                  | 10.41               | (7.90 - 13.59)                        | 25.84               | (20.42 - 32.13)                       | 7.46              | (5.61 - 9.84)                       | 9.93              | (7.91 - 12.40)                      |
| Region 4 (Davidson)                                       | 11.59               | (8.67 - 15.32)                        | *                   | (* - *)                               | 12.20             | (9.15 - 16.10)                      | 15.45             | (12.23 - 19.34)                     |
| Region 5                                                  | 13.20               | (10.26 - 16.82)                       | 33.04               | (27.43 - 39.18)                       | 10.99             | (8.61 - 13.92)                      | 14.10             | (11.67 - 16.94)                     |
| Region 6                                                  | 9.46                | (6.96 - 12.74)                        | *                   | (* - *)                               | 7.25              | (5.23 - 9.98)                       | 9.70              | (7.42 - 12.58)                      |
| Region 7 (Shelby)                                         | 9.91                | (7.53 - 12.93)                        | 26.18               | (20.65 - 32.59)                       | 9.44              | (7.03 - 12.58)                      | 12.11             | (9.56 - 15.24)                      |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 10.83               | (9.72 - 12.04)                        | 25.66               | (23.90 - 27.50)                       | 7.11              | (6.33 - 7.98)                       | 9.99              | (9.24 - 10.80)                      |
| Region 1                                                    | 11.33               | (8.60 - 14.80)                        | *                   | (* - *)                               | 6.59              | (4.80 - 8.97)                       | 9.31              | (7.22 - 11.93)                      |
| Region 2                                                    | 12.73               | (9.64 - 16.63)                        | *                   | (* - *)                               | 8.60              | (6.40 - 11.46)                      | 12.10             | (9.53 - 15.24)                      |
| Region 3                                                    | 10.14               | (8.66 - 11.84)                        | 24.15               | (21.47 - 27.04)                       | 7.03              | (5.97 - 8.26)                       | 9.53              | (8.46 - 10.72)                      |
| Region 3a                                                   | 9.54                | (7.82 - 11.60)                        | 24.22               | (20.87 - 27.92)                       | 7.00              | (5.72 - 8.53)                       | 9.51              | (8.22 - 10.99)                      |
| Region 3bc                                                  | 11.21               | (8.97 - 13.93)                        | 24.02               | (20.04 - 28.50)                       | 7.09              | (5.62 - 8.90)                       | 9.56              | (8.00 - 11.39)                      |
| Region 4                                                    | 10.45               | (8.02 - 13.51)                        | 24.76               | (19.52 - 30.86)                       | 6.72              | (5.04 - 8.92)                       | 9.21              | (7.33 - 11.50)                      |
| Region 5                                                    | 10.59               | (7.93 - 14.02)                        | *                   | (* - *)                               | 7.62              | (5.60 - 10.28)                      | 10.52             | (8.16 - 13.46)                      |
| Region 6                                                    | 10.60               | (8.88 - 12.61)                        | 24.74               | (21.51 - 28.27)                       | 6.82              | (5.62 - 8.26)                       | 9.52              | (8.27 - 10.93)                      |
| Region 6a                                                   | 10.46               | (8.64 - 12.61)                        | 24.56               | (21.11 - 28.37)                       | 6.80              | (5.53 - 8.34)                       | 9.50              | (8.18 - 11.01)                      |
| Region 6bc                                                  | 11.85               | (8.93 - 15.57)                        | *                   | (* - *)                               | 7.03              | (5.00 - 9.80)                       | 9.69              | (7.35 - 12.68)                      |
| Region 7                                                    | 12.98               | (10.77 - 15.57)                       | 35.29               | (30.96 - 39.87)                       | 10.58             | (8.84 - 12.62)                      | 14.83             | (13.04 - 16.82)                     |
| Region 7a                                                   | 13.90               | (11.00 - 17.43)                       | 38.46               | (32.72 - 44.53)                       | 11.93             | (9.63 - 14.70)                      | 16.02             | (13.65 - 18.71)                     |
| Region 7bcd                                                 | 11.29               | (8.76 - 14.44)                        | 31.08               | (25.42 - 37.38)                       | 8.05              | (6.11 - 10.53)                      | 12.74             | (10.46 - 15.44)                     |
| Region 8                                                    | 11.67               | (9.36 - 14.45)                        | 26.76               | (22.49 - 31.50)                       | 6.72              | (5.25 - 8.58)                       | 9.83              | (8.21 - 11.73)                      |
| Region 9                                                    | 13.56               | (10.29 - 17.65)                       | *                   | (* - *)                               | 7.49              | (5.37 - 10.35)                      | 10.48             | (7.99 - 13.64)                      |
| Region 10                                                   | 9.84                | (7.49 - 12.83)                        | 21.48               | (16.62 - 27.31)                       | 4.57              | (3.26 - 6.36)                       | 7.53              | (5.84 - 9.65)                       |
| Region 11                                                   | 9.47                | (7.68 - 11.63)                        | 17.62               | (14.41 - 21.36)                       | 4.18              | (3.19 - 5.46)                       | 6.49              | (5.32 - 7.88)                       |
| Region 11abd                                                | 9.67                | (7.46 - 12.45)                        | 17.70               | (13.83 - 22.37)                       | 4.32              | (3.14 - 5.91)                       | 6.55              | (5.16 - 8.28)                       |
| Region 11c (Hidalgo)                                        | 9.17                | (6.84 - 12.19)                        | 17.49               | (12.96 - 23.18)                       | 3.93              | (2.73 - 5.63)                       | 6.38              | (4.80 - 8.44)                       |
| <b>Utah</b>                                                 | 9.53                | (7.93 - 11.42)                        | 22.27               | (19.43 - 25.40)                       | 6.75              | (5.62 - 8.08)                       | 9.62              | (8.47 - 10.91)                      |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | 9.67                | (7.10 - 13.04)                        | *                   | (* - *)                               | 6.02              | (4.19 - 8.57)                       | 8.94              | (6.72 - 11.81)                      |
| Central, Four Corners, San<br>Juan, and Southwest           | 9.77                | (7.46 - 12.69)                        | 21.33               | (16.56 - 27.02)                       | 5.99              | (4.42 - 8.07)                       | 8.70              | (6.82 - 11.05)                      |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | 5.50              | (3.72 - 8.06)                       | 7.72              | (5.50 - 10.73)                      |
| Southwest                                                   | 9.84                | (7.10 - 13.49)                        | *                   | (* - *)                               | 6.30              | (4.36 - 9.03)                       | 9.31              | (6.93 - 12.41)                      |
| Davis County                                                | 9.61                | (7.04 - 12.99)                        | *                   | (* - *)                               | 5.12              | (3.49 - 7.44)                       | 7.89              | (5.83 - 10.61)                      |
| Salt Lake County                                            | 10.37               | (8.11 - 13.17)                        | 26.91               | (22.52 - 31.79)                       | 8.63              | (6.98 - 10.64)                      | 11.60             | (9.87 - 13.58)                      |
| Utah County                                                 | 7.69                | (5.71 - 10.29)                        | 17.94               | (13.50 - 23.45)                       | 4.86              | (3.43 - 6.85)                       | 8.16              | (6.30 - 10.50)                      |
| Weber, Morgan                                               | 9.70                | (7.09 - 13.14)                        | *                   | (* - *)                               | 5.91              | (4.19 - 8.28)                       | 8.27              | (6.28 - 10.83)                      |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 16.16               | (13.94 - 18.64)                       | 47.91               | (43.97 - 51.87)                       | 17.04             | (15.07 - 19.20)                     | 21.63             | (19.76 - 23.62)                     |
| Champlain Valley                      | 15.86               | (12.91 - 19.34)                       | 53.98               | (48.49 - 59.37)                       | 16.93             | (14.31 - 19.91)                     | 23.38             | (20.85 - 26.11)                     |
| Rural Northeast                       | 16.67               | (13.18 - 20.85)                       | *                   | (* - *)                               | 19.12             | (15.36 - 23.54)                     | 22.55             | (18.83 - 26.77)                     |
| Rural Southeast                       | 16.81               | (13.47 - 20.78)                       | *                   | (* - *)                               | 16.23             | (13.18 - 19.83)                     | 19.34             | (16.30 - 22.80)                     |
| Rural Southwest                       | 15.24               | (11.82 - 19.43)                       | *                   | (* - *)                               | 15.24             | (12.04 - 19.10)                     | 18.75             | (15.44 - 22.59)                     |
| <b>Virginia</b>                       | 10.78               | (9.30 - 12.47)                        | 30.66               | (28.06 - 33.39)                       | 8.28              | (7.20 - 9.52)                       | 11.45             | (10.38 - 12.62)                     |
| Region 1                              | 10.47               | (8.00 - 13.60)                        | 30.29               | (24.88 - 36.31)                       | 7.51              | (5.78 - 9.69)                       | 11.08             | (9.12 - 13.40)                      |
| Region 2                              | 9.09                | (7.13 - 11.52)                        | 25.05               | (20.98 - 29.60)                       | 6.71              | (5.32 - 8.42)                       | 8.86              | (7.41 - 10.58)                      |
| Region 3                              | 10.28               | (8.03 - 13.06)                        | 28.44               | (23.93 - 33.42)                       | 7.86              | (6.14 - 10.02)                      | 10.88             | (9.06 - 13.01)                      |
| Region 4                              | 11.76               | (9.25 - 14.85)                        | 32.62               | (27.44 - 38.27)                       | 10.01             | (7.93 - 12.56)                      | 13.26             | (11.12 - 15.73)                     |
| Region 5                              | 12.96               | (10.48 - 15.92)                       | 36.48               | (31.47 - 41.81)                       | 9.90              | (7.93 - 12.31)                      | 14.06             | (11.99 - 16.41)                     |
| <b>Washington</b>                     | 14.46               | (12.37 - 16.83)                       | 36.20               | (32.90 - 39.63)                       | 16.30             | (14.35 - 18.46)                     | 19.04             | (17.22 - 21.00)                     |
| Region 1                              | 14.14               | (11.40 - 17.42)                       | 32.58               | (27.66 - 37.92)                       | 14.52             | (11.88 - 17.64)                     | 17.40             | (14.77 - 20.39)                     |
| Greater Columbia and North<br>Central | 12.63               | (9.60 - 16.44)                        | 27.82               | (22.16 - 34.30)                       | 12.07             | (9.26 - 15.60)                      | 14.77             | (11.89 - 18.20)                     |
| Spokane                               | 16.72               | (12.67 - 21.73)                       | *                   | (* - *)                               | 17.95             | (13.73 - 23.14)                     | 21.23             | (16.91 - 26.30)                     |
| Region 2                              | 13.76               | (11.26 - 16.70)                       | 36.89               | (32.29 - 41.74)                       | 16.57             | (14.11 - 19.35)                     | 19.19             | (16.84 - 21.78)                     |
| King                                  | 12.87               | (10.03 - 16.37)                       | 37.77               | (31.94 - 43.99)                       | 16.97             | (14.03 - 20.39)                     | 19.56             | (16.71 - 22.78)                     |
| North Sound                           | 15.17               | (11.79 - 19.31)                       | *                   | (* - *)                               | 15.84             | (12.44 - 19.94)                     | 18.52             | (15.17 - 22.41)                     |
| Region 3                              | 15.60               | (13.02 - 18.58)                       | 38.10               | (33.74 - 42.65)                       | 17.07             | (14.55 - 19.93)                     | 19.91             | (17.47 - 22.60)                     |
| Pierce                                | 15.75               | (12.13 - 20.20)                       | 37.15               | (30.93 - 43.82)                       | 19.32             | (15.53 - 23.77)                     | 21.91             | (18.26 - 26.06)                     |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | 15.17             | (11.15 - 20.33)                     | 18.20             | (13.96 - 23.39)                     |
| SW WA and Great Rivers                | 15.44               | (11.82 - 19.91)                       | *                   | (* - *)                               | 15.77             | (12.04 - 20.39)                     | 18.79             | (14.99 - 23.28)                     |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 19.39             | (14.71 - 25.13)                     |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 11.53               | (9.76 - 13.57)                        | 29.15               | (26.08 - 32.42)                       | 8.57              | (7.24 - 10.11)                      | 11.23             | (9.92 - 12.69)                      |
| Region I                      | 11.20               | (8.27 - 15.00)                        | *                   | (* - *)                               | 7.58              | (5.47 - 10.42)                      | 10.02             | (7.64 - 13.04)                      |
| Region II                     | 11.13               | (8.42 - 14.58)                        | *                   | (* - *)                               | 7.64              | (5.62 - 10.31)                      | 9.81              | (7.61 - 12.58)                      |
| Region III                    | 12.54               | (9.40 - 16.55)                        | *                   | (* - *)                               | 8.88              | (6.49 - 12.04)                      | 10.94             | (8.40 - 14.13)                      |
| Region IV                     | 11.91               | (9.23 - 15.23)                        | 35.73               | (30.15 - 41.73)                       | 9.82              | (7.55 - 12.67)                      | 14.17             | (11.78 - 16.95)                     |
| Region V                      | 11.83               | (9.24 - 15.03)                        | 28.70               | (23.51 - 34.51)                       | 8.98              | (6.97 - 11.50)                      | 11.31             | (9.24 - 13.78)                      |
| Region VI                     | 10.58               | (8.01 - 13.85)                        | 23.65               | (18.56 - 29.63)                       | 7.46              | (5.55 - 9.95)                       | 9.28              | (7.28 - 11.77)                      |
| <b>Wisconsin</b>              | 14.15               | (12.15 - 16.42)                       | 30.83               | (27.79 - 34.03)                       | 9.03              | (7.72 - 10.54)                      | 12.13             | (10.81 - 13.58)                     |
| Milwaukee                     | 14.56               | (11.25 - 18.64)                       | 34.18               | (28.21 - 40.69)                       | 12.62             | (9.91 - 15.94)                      | 16.22             | (13.42 - 19.47)                     |
| Northeastern                  | 12.50               | (9.53 - 16.23)                        | 23.62               | (18.48 - 29.68)                       | 6.62              | (4.92 - 8.86)                       | 8.85              | (6.98 - 11.18)                      |
| Northern                      | 12.74               | (9.51 - 16.86)                        | *                   | (* - *)                               | 7.13              | (5.11 - 9.86)                       | 9.22              | (6.97 - 12.11)                      |
| Southeastern                  | 14.57               | (11.52 - 18.26)                       | 31.40               | (25.62 - 37.82)                       | 8.01              | (6.17 - 10.34)                      | 11.14             | (9.13 - 13.53)                      |
| Southern                      | 14.77               | (11.61 - 18.60)                       | 33.18               | (27.67 - 39.20)                       | 10.28             | (8.04 - 13.05)                      | 13.53             | (11.19 - 16.27)                     |
| Western                       | 15.55               | (11.96 - 19.97)                       | *                   | (* - *)                               | 9.80              | (7.43 - 12.81)                      | 13.81             | (11.21 - 16.90)                     |
| <b>Wyoming</b>                | 13.09               | (11.14 - 15.32)                       | 27.83               | (24.72 - 31.17)                       | 8.11              | (6.76 - 9.69)                       | 10.94             | (9.58 - 12.45)                      |
| Judicial District 1 (Laramie) | 15.72               | (12.04 - 20.27)                       | *                   | (* - *)                               | 9.18              | (6.97 - 11.99)                      | 12.04             | (9.68 - 14.88)                      |
| Judicial District 2           | 12.69               | (9.61 - 16.57)                        | 32.68               | (26.85 - 39.10)                       | 10.23             | (7.62 - 13.61)                      | 16.27             | (13.35 - 19.67)                     |
| Judicial District 3           | 11.01               | (8.28 - 14.50)                        | *                   | (* - *)                               | 6.59              | (4.72 - 9.13)                       | 8.71              | (6.63 - 11.37)                      |
| Judicial District 4           | 13.65               | (10.02 - 18.31)                       | *                   | (* - *)                               | 6.95              | (4.76 - 10.03)                      | 9.21              | (6.72 - 12.50)                      |
| Judicial District 5           | 11.62               | (8.52 - 15.66)                        | *                   | (* - *)                               | 5.50              | (3.85 - 7.82)                       | 7.43              | (5.52 - 9.93)                       |
| Judicial District 6           | 12.04               | (8.97 - 15.98)                        | *                   | (* - *)                               | 6.80              | (4.84 - 9.48)                       | 9.03              | (6.88 - 11.76)                      |
| Judicial District 7 (Natrona) | 12.80               | (9.69 - 16.73)                        | *                   | (* - *)                               | 8.09              | (5.97 - 10.87)                      | 10.70             | (8.36 - 13.59)                      |
| Judicial District 8           | 13.39               | (9.97 - 17.75)                        | *                   | (* - *)                               | 6.81              | (4.79 - 9.60)                       | 9.39              | (7.07 - 12.37)                      |
| Judicial District 9           | 14.60               | (11.05 - 19.05)                       | *                   | (* - *)                               | 11.28             | (8.38 - 15.01)                      | 13.94             | (10.88 - 17.68)                     |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 2** *Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs*

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 6.95                | (6.69 - 7.23)                         | 20.06               | (19.56 - 20.56)                       | 6.78              | (6.58 - 6.98)                       | 8.69              | (8.49 - 8.89)                       |
| <b>Northeast</b>           | 7.32                | (6.80 - 7.88)                         | 23.01               | (22.02 - 24.04)                       | 7.58              | (7.10 - 8.09)                       | 9.74              | (9.29 - 10.22)                      |
| <b>Midwest</b>             | 6.65                | (6.23 - 7.09)                         | 19.23               | (18.49 - 20.00)                       | 6.45              | (6.07 - 6.86)                       | 8.30              | (7.93 - 8.68)                       |
| <b>South</b>               | 6.29                | (5.89 - 6.70)                         | 17.71               | (17.06 - 18.37)                       | 5.35              | (5.02 - 5.70)                       | 7.11              | (6.80 - 7.44)                       |
| <b>West</b>                | 8.04                | (7.47 - 8.65)                         | 22.24               | (21.27 - 23.25)                       | 8.75              | (8.26 - 9.27)                       | 10.74             | (10.28 - 11.21)                     |
| <b>Alabama</b>             | 5.13                | (4.08 - 6.44)                         | 14.33               | (12.12 - 16.86)                       | 3.76              | (2.98 - 4.72)                       | 5.27              | (4.44 - 6.24)                       |
| Region 1                   | 5.14                | (3.67 - 7.16)                         | 13.84               | (10.60 - 17.87)                       | 3.80              | (2.74 - 5.24)                       | 5.10              | (3.93 - 6.60)                       |
| Region 2                   | 5.16                | (3.68 - 7.19)                         | 15.70               | (12.23 - 19.94)                       | 3.85              | (2.79 - 5.29)                       | 5.58              | (4.36 - 7.11)                       |
| Region 3                   | 4.56                | (3.15 - 6.54)                         | 12.69               | (9.53 - 16.70)                        | 3.59              | (2.49 - 5.15)                       | 5.15              | (3.87 - 6.81)                       |
| Region 4                   | 5.53                | (3.95 - 7.69)                         | 14.46               | (10.88 - 18.95)                       | 3.70              | (2.63 - 5.19)                       | 5.12              | (3.91 - 6.69)                       |
| <b>Alaska</b>              | 10.42               | (8.60 - 12.57)                        | 26.53               | (23.42 - 29.88)                       | 14.11             | (12.33 - 16.10)                     | 16.06             | (14.39 - 17.87)                     |
| Anchorage                  | 9.78                | (7.50 - 12.65)                        | 25.40               | (21.41 - 29.85)                       | 11.74             | (9.59 - 14.30)                      | 13.92             | (11.86 - 16.28)                     |
| Northern                   | 11.15               | (8.25 - 14.90)                        | 26.38               | (21.23 - 32.27)                       | 17.06             | (13.75 - 20.98)                     | 18.77             | (15.62 - 22.39)                     |
| South Central              | 10.68               | (8.12 - 13.92)                        | 28.04               | (22.95 - 33.77)                       | 14.36             | (11.54 - 17.74)                     | 16.31             | (13.58 - 19.47)                     |
| Southeast                  | 10.59               | (7.50 - 14.75)                        | *                   | (* - *)                               | 16.60             | (12.56 - 21.61)                     | 18.08             | (14.13 - 22.84)                     |
| <b>Arizona</b>             | 7.25                | (5.86 - 8.95)                         | 18.75               | (16.27 - 21.50)                       | 5.92              | (4.86 - 7.21)                       | 7.79              | (6.72 - 9.02)                       |
| Central                    | 7.32                | (5.64 - 9.46)                         | 19.50               | (16.44 - 22.97)                       | 6.12              | (4.87 - 7.67)                       | 8.09              | (6.82 - 9.57)                       |
| North                      | 6.65                | (4.66 - 9.41)                         | 17.38               | (12.93 - 22.96)                       | 5.49              | (3.80 - 7.88)                       | 7.13              | (5.29 - 9.55)                       |
| South                      | 7.33                | (5.58 - 9.58)                         | 17.73               | (14.17 - 21.94)                       | 5.69              | (4.29 - 7.51)                       | 7.46              | (5.95 - 9.32)                       |
| South A                    | 7.14                | (5.09 - 9.93)                         | 18.95               | (14.42 - 24.49)                       | 6.06              | (4.36 - 8.37)                       | 7.95              | (6.07 - 10.34)                      |
| South B                    | 7.53                | (5.28 - 10.63)                        | 16.25               | (11.96 - 21.70)                       | 5.23              | (3.60 - 7.55)                       | 6.87              | (5.05 - 9.29)                       |
| <b>Arkansas</b>            | 6.18                | (5.04 - 7.57)                         | 16.38               | (14.04 - 19.03)                       | 5.66              | (4.64 - 6.89)                       | 7.20              | (6.17 - 8.38)                       |
| Catchment Area 1           | 6.59                | (4.69 - 9.20)                         | 15.83               | (11.97 - 20.65)                       | 5.72              | (4.12 - 7.89)                       | 7.34              | (5.61 - 9.56)                       |
| Catchment Area 2           | 5.69                | (3.90 - 8.22)                         | 14.45               | (10.77 - 19.11)                       | 4.87              | (3.36 - 7.02)                       | 6.05              | (4.44 - 8.20)                       |
| Catchment Area 3           | 5.66                | (3.94 - 8.07)                         | 15.56               | (11.60 - 20.57)                       | 5.50              | (3.96 - 7.60)                       | 6.98              | (5.29 - 9.14)                       |
| Catchment Area 4           | 6.60                | (4.59 - 9.40)                         | 15.90               | (11.68 - 21.28)                       | 5.59              | (3.92 - 7.90)                       | 7.00              | (5.20 - 9.36)                       |
| Catchment Area 5           | 5.80                | (4.12 - 8.12)                         | 14.42               | (10.82 - 18.96)                       | 4.67              | (3.27 - 6.61)                       | 6.24              | (4.71 - 8.24)                       |
| Catchment Area 6           | 5.90                | (4.11 - 8.41)                         | *                   | (* - *)                               | 6.66              | (4.70 - 9.38)                       | 8.21              | (6.10 - 10.97)                      |
| Catchment Area 7           | 5.81                | (3.97 - 8.41)                         | *                   | (* - *)                               | 4.98              | (3.32 - 7.42)                       | 6.50              | (4.62 - 9.08)                       |
| Catchment Area 8           | 6.75                | (4.81 - 9.41)                         | 20.52               | (15.63 - 26.47)                       | 6.88              | (5.09 - 9.24)                       | 8.66              | (6.74 - 11.06)                      |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 7.99                | (7.14 - 8.92)                         | 22.47               | (21.00 - 24.01)                       | 8.31              | (7.63 - 9.06)                       | 10.44             | (9.80 - 11.12)                      |
| Region 1R                   | 10.42               | (7.63 - 14.08)                        | *                   | (* - *)                               | 13.67             | (10.59 - 17.48)                     | 15.72             | (12.62 - 19.41)                     |
| Region 2R                   | 8.80                | (6.51 - 11.79)                        | 27.20               | (21.82 - 33.34)                       | 8.90              | (6.73 - 11.69)                      | 11.67             | (9.31 - 14.52)                      |
| Region 3R (Sacramento)      | 8.09                | (6.00 - 10.82)                        | 24.17               | (19.54 - 29.51)                       | 8.92              | (6.96 - 11.36)                      | 11.15             | (9.10 - 13.59)                      |
| Region 4R                   | 9.54                | (7.06 - 12.77)                        | 27.15               | (21.65 - 33.45)                       | 8.99              | (6.89 - 11.64)                      | 11.32             | (9.08 - 14.02)                      |
| Region 5R (San Francisco)   | *                   | (* - *)                               | *                   | (* - *)                               | 13.81             | (10.63 - 17.74)                     | 15.56             | (12.34 - 19.43)                     |
| Region 6 (Santa Clara)      | 7.50                | (5.64 - 9.92)                         | 22.29               | (18.02 - 27.24)                       | 6.90              | (5.34 - 8.87)                       | 8.89              | (7.22 - 10.89)                      |
| Region 7R (Contra Costa)    | 8.43                | (6.22 - 11.33)                        | 26.10               | (21.04 - 31.87)                       | 8.42              | (6.46 - 10.91)                      | 10.75             | (8.68 - 13.25)                      |
| Region 8R (Alameda)         | 9.06                | (6.78 - 12.02)                        | 26.14               | (21.29 - 31.65)                       | 10.34             | (8.10 - 13.10)                      | 12.43             | (10.15 - 15.14)                     |
| Region 9R (San Mateo)       | 8.71                | (6.40 - 11.76)                        | *                   | (* - *)                               | 8.86              | (6.59 - 11.81)                      | 10.77             | (8.35 - 13.80)                      |
| Region 10                   | 7.96                | (5.79 - 10.84)                        | *                   | (* - *)                               | 7.59              | (5.58 - 10.25)                      | 10.66             | (8.37 - 13.47)                      |
| Region 11 (Los Angeles)     | 7.58                | (6.48 - 8.85)                         | 21.33               | (19.24 - 23.59)                       | 8.06              | (7.11 - 9.13)                       | 10.07             | (9.12 - 11.09)                      |
| LA SPA 1 and 5              | 8.82                | (6.38 - 12.06)                        | 24.97               | (19.76 - 31.03)                       | 9.95              | (7.46 - 13.14)                      | 12.21             | (9.63 - 15.37)                      |
| LA SPA 2                    | 7.68                | (5.79 - 10.11)                        | 21.12               | (17.09 - 25.80)                       | 7.92              | (6.15 - 10.14)                      | 9.75              | (7.92 - 11.95)                      |
| LA SPA 3                    | 5.99                | (4.25 - 8.39)                         | 17.23               | (13.43 - 21.82)                       | 4.94              | (3.64 - 6.67)                       | 6.75              | (5.30 - 8.56)                       |
| LA SPA 4                    | 7.86                | (5.70 - 10.75)                        | 22.35               | (17.51 - 28.08)                       | 11.05             | (8.38 - 14.43)                      | 12.56             | (9.87 - 15.85)                      |
| LA SPA 6                    | 8.38                | (6.16 - 11.30)                        | 22.79               | (18.09 - 28.29)                       | 9.05              | (6.91 - 11.75)                      | 11.80             | (9.50 - 14.55)                      |
| LA SPA 7                    | 7.32                | (5.28 - 10.07)                        | 19.69               | (15.31 - 24.96)                       | 5.99              | (4.41 - 8.10)                       | 8.28              | (6.49 - 10.51)                      |
| LA SPA 8                    | 7.95                | (5.91 - 10.62)                        | 23.41               | (18.99 - 28.49)                       | 9.28              | (7.33 - 11.68)                      | 11.29             | (9.28 - 13.67)                      |
| Region 12R                  | 7.25                | (5.14 - 10.13)                        | 19.05               | (14.65 - 24.39)                       | 6.96              | (5.13 - 9.39)                       | 8.84              | (6.84 - 11.35)                      |
| Regions 13 and 19R          | 8.17                | (6.20 - 10.70)                        | 18.68               | (15.28 - 22.63)                       | 6.61              | (5.16 - 8.43)                       | 8.62              | (7.10 - 10.42)                      |
| Region 14 (Orange)          | 7.03                | (5.36 - 9.18)                         | 22.49               | (18.27 - 27.36)                       | 6.36              | (4.89 - 8.23)                       | 8.69              | (7.09 - 10.61)                      |
| Region 15R (Fresno)         | 8.16                | (5.94 - 11.12)                        | 19.81               | (15.40 - 25.12)                       | 7.88              | (5.84 - 10.57)                      | 10.00             | (7.82 - 12.69)                      |
| Region 16R (San Diego)      | 8.01                | (6.22 - 10.25)                        | 23.58               | (19.56 - 28.14)                       | 9.14              | (7.47 - 11.14)                      | 11.39             | (9.68 - 13.36)                      |
| Region 17R                  | 7.00                | (5.26 - 9.26)                         | 15.97               | (12.66 - 19.94)                       | 7.39              | (5.77 - 9.43)                       | 8.90              | (7.23 - 10.91)                      |
| Region 18R (San Bernardino) | 7.72                | (5.90 - 10.03)                        | 18.02               | (14.57 - 22.07)                       | 7.15              | (5.57 - 9.14)                       | 9.04              | (7.40 - 11.00)                      |
| Region 20R                  | 8.02                | (5.82 - 10.94)                        | 18.54               | (14.25 - 23.77)                       | 7.59              | (5.67 - 10.10)                      | 9.44              | (7.37 - 12.03)                      |
| Region 21R                  | 10.08               | (7.37 - 13.64)                        | *                   | (* - *)                               | 10.47             | (7.95 - 13.68)                      | 13.80             | (11.03 - 17.12)                     |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 10.01               | (8.36 - 11.93)                        | 31.51               | (28.28 - 34.92)                       | 13.66             | (11.90 - 15.63)                     | 16.23             | (14.56 - 18.05)                     |
| Region 1                                  | 10.99               | (8.10 - 14.75)                        | *                   | (* - *)                               | 14.68             | (11.42 - 18.67)                     | 17.73             | (14.43 - 21.58)                     |
| Region 2                                  | 9.15                | (6.47 - 12.78)                        | *                   | (* - *)                               | 11.04             | (7.94 - 15.14)                      | 13.30             | (10.11 - 17.31)                     |
| Region 3                                  | 10.12               | (7.76 - 13.11)                        | 31.51               | (26.32 - 37.20)                       | 11.81             | (9.35 - 14.80)                      | 14.54             | (12.09 - 17.39)                     |
| Region 4                                  | 9.08                | (6.38 - 12.76)                        | *                   | (* - *)                               | 11.24             | (8.13 - 15.35)                      | 13.18             | (9.93 - 17.28)                      |
| Region 5                                  | 9.43                | (6.82 - 12.92)                        | 32.98               | (27.01 - 39.56)                       | 17.25             | (13.54 - 21.72)                     | 19.38             | (15.79 - 23.56)                     |
| Region 6                                  | 10.82               | (8.02 - 14.44)                        | 33.97               | (27.89 - 40.62)                       | 15.98             | (12.58 - 20.09)                     | 18.53             | (15.26 - 22.32)                     |
| Region 7                                  | 9.18                | (6.60 - 12.64)                        | *                   | (* - *)                               | 12.16             | (9.26 - 15.81)                      | 14.82             | (11.85 - 18.39)                     |
| <b>Connecticut</b>                        | 7.78                | (6.33 - 9.52)                         | 25.73               | (22.54 - 29.21)                       | 6.78              | (5.58 - 8.22)                       | 9.43              | (8.20 - 10.82)                      |
| Eastern                                   | 7.88                | (5.56 - 11.06)                        | *                   | (* - *)                               | 7.57              | (5.44 - 10.45)                      | 10.86             | (8.39 - 13.94)                      |
| North Central                             | 7.22                | (5.28 - 9.78)                         | 25.33               | (20.40 - 31.00)                       | 7.03              | (5.32 - 9.22)                       | 9.48              | (7.64 - 11.70)                      |
| Northwestern                              | 7.90                | (5.73 - 10.79)                        | 23.53               | (18.31 - 29.68)                       | 6.55              | (4.77 - 8.94)                       | 8.69              | (6.75 - 11.12)                      |
| South Central                             | 8.63                | (6.28 - 11.75)                        | 27.83               | (22.41 - 34.00)                       | 6.85              | (5.10 - 9.13)                       | 9.82              | (7.90 - 12.13)                      |
| Southwest                                 | 7.47                | (5.33 - 10.38)                        | 24.93               | (19.89 - 30.77)                       | 6.08              | (4.32 - 8.49)                       | 8.61              | (6.68 - 11.04)                      |
| <b>Delaware</b>                           | 7.44                | (6.08 - 9.08)                         | 22.71               | (19.91 - 25.77)                       | 6.88              | (5.65 - 8.34)                       | 9.03              | (7.82 - 10.40)                      |
| Kent                                      | 8.47                | (6.16 - 11.54)                        | 21.04               | (16.38 - 26.61)                       | 6.61              | (4.88 - 8.89)                       | 8.81              | (6.93 - 11.14)                      |
| New Castle (excluding<br>Wilmington City) | 6.76                | (5.12 - 8.88)                         | 23.64               | (20.07 - 27.63)                       | 6.39              | (4.96 - 8.20)                       | 8.89              | (7.45 - 10.58)                      |
| Sussex                                    | 7.55                | (5.43 - 10.41)                        | 18.85               | (14.50 - 24.13)                       | 5.82              | (4.17 - 8.07)                       | 7.14              | (5.41 - 9.36)                       |
| Wilmington City                           | 9.14                | (6.40 - 12.88)                        | *                   | (* - *)                               | 13.73             | (9.93 - 18.67)                      | 15.77             | (11.94 - 20.55)                     |
| <b>District of Columbia</b>               | 8.68                | (7.10 - 10.58)                        | 30.16               | (26.89 - 33.65)                       | 10.85             | (9.28 - 12.64)                      | 14.18             | (12.65 - 15.86)                     |
| Ward 1                                    | *                   | (* - *)                               | *                   | (* - *)                               | 13.21             | (10.01 - 17.23)                     | 16.71             | (13.44 - 20.59)                     |
| Ward 2                                    | *                   | (* - *)                               | *                   | (* - *)                               | 12.73             | (9.51 - 16.83)                      | 17.61             | (14.20 - 21.63)                     |
| Ward 3                                    | 7.32                | (5.08 - 10.43)                        | *                   | (* - *)                               | 7.03              | (5.09 - 9.64)                       | 9.84              | (7.63 - 12.60)                      |
| Ward 4                                    | 8.57                | (6.01 - 12.07)                        | *                   | (* - *)                               | 9.08              | (6.72 - 12.14)                      | 11.00             | (8.52 - 14.10)                      |
| Ward 5                                    | 9.12                | (6.49 - 12.68)                        | *                   | (* - *)                               | 11.27             | (8.38 - 14.98)                      | 14.93             | (11.84 - 18.66)                     |
| Ward 6                                    | 7.62                | (5.36 - 10.74)                        | 24.30               | (19.24 - 30.19)                       | 9.82              | (7.42 - 12.87)                      | 11.60             | (9.17 - 14.58)                      |
| Ward 7                                    | 8.55                | (6.16 - 11.74)                        | *                   | (* - *)                               | 11.38             | (8.39 - 15.25)                      | 14.57             | (11.48 - 18.33)                     |
| Ward 8                                    | 9.77                | (7.21 - 13.10)                        | *                   | (* - *)                               | 13.03             | (9.76 - 17.18)                      | 17.37             | (13.97 - 21.39)                     |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 7.12                | (6.23 - 8.13)                         | 20.24               | (18.68 - 21.90)                       | 5.97              | (5.28 - 6.74)                       | 7.75              | (7.08 - 8.47)                       |
| Broward (Circuit 17)                                                    | 6.73                | (5.01 - 9.00)                         | 20.57               | (16.59 - 25.20)                       | 6.38              | (4.87 - 8.33)                       | 8.09              | (6.50 - 10.03)                      |
| Central I                                                               | 6.82                | (5.48 - 8.46)                         | 20.09               | (17.28 - 23.22)                       | 6.64              | (5.40 - 8.13)                       | 8.56              | (7.30 - 10.01)                      |
| Circuit 9                                                               | 6.30                | (4.78 - 8.26)                         | 18.96               | (15.71 - 22.70)                       | 6.97              | (5.44 - 8.90)                       | 8.87              | (7.32 - 10.70)                      |
| Circuit 18                                                              | 7.66                | (5.64 - 10.32)                        | 22.24               | (17.57 - 27.74)                       | 6.17              | (4.57 - 8.28)                       | 8.11              | (6.35 - 10.30)                      |
| Central II                                                              | 7.46                | (6.26 - 8.86)                         | 20.30               | (18.01 - 22.81)                       | 5.77              | (4.88 - 6.81)                       | 7.39              | (6.49 - 8.41)                       |
| Circuit 6                                                               | 8.18                | (6.17 - 10.78)                        | 22.37               | (18.05 - 27.38)                       | 7.02              | (5.39 - 9.09)                       | 8.56              | (6.87 - 10.61)                      |
| Circuit 10                                                              | 6.27                | (4.56 - 8.57)                         | 16.89               | (13.09 - 21.51)                       | 4.70              | (3.46 - 6.37)                       | 6.22              | (4.84 - 7.96)                       |
| Circuit 12                                                              | 7.17                | (5.10 - 10.00)                        | *                   | (* - *)                               | 4.85              | (3.42 - 6.82)                       | 6.33              | (4.75 - 8.40)                       |
| Circuit 13 (Hillsborough)                                               | 7.85                | (5.91 - 10.37)                        | 20.78               | (17.02 - 25.11)                       | 6.79              | (5.21 - 8.80)                       | 8.74              | (7.09 - 10.73)                      |
| Circuit 20                                                              | 7.12                | (5.11 - 9.84)                         | 19.43               | (14.78 - 25.11)                       | 4.53              | (3.23 - 6.32)                       | 6.02              | (4.55 - 7.92)                       |
| Northeast                                                               | 7.63                | (6.28 - 9.24)                         | 21.70               | (18.96 - 24.71)                       | 6.55              | (5.49 - 7.81)                       | 8.47              | (7.37 - 9.73)                       |
| Circuit 4                                                               | 6.15                | (4.47 - 8.40)                         | 19.88               | (15.66 - 24.90)                       | 6.82              | (5.09 - 9.09)                       | 8.61              | (6.78 - 10.87)                      |
| Circuit 5                                                               | 8.69                | (6.34 - 11.80)                        | 22.00               | (17.20 - 27.68)                       | 5.96              | (4.40 - 8.01)                       | 7.45              | (5.79 - 9.54)                       |
| Circuit 7                                                               | 8.38                | (6.13 - 11.34)                        | 23.12               | (18.28 - 28.79)                       | 6.30              | (4.64 - 8.50)                       | 8.23              | (6.43 - 10.47)                      |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | 8.04                | (5.79 - 11.07)                        | 22.65               | (17.49 - 28.80)                       | 7.80              | (5.73 - 10.54)                      | 10.70             | (8.36 - 13.61)                      |
| Northwest                                                               | 7.71                | (6.19 - 9.57)                         | 24.39               | (21.13 - 27.96)                       | 7.53              | (6.17 - 9.18)                       | 10.24             | (8.79 - 11.89)                      |
| Circuit 1                                                               | 6.69                | (4.83 - 9.19)                         | 20.57               | (16.45 - 25.41)                       | 5.84              | (4.28 - 7.92)                       | 7.94              | (6.24 - 10.04)                      |
| Circuit 2 plus Madison and<br>Taylor                                    | 9.15                | (6.60 - 12.56)                        | 29.45               | (24.05 - 35.49)                       | 10.03             | (7.46 - 13.36)                      | 14.17             | (11.43 - 17.43)                     |
| Circuit 14                                                              | *                   | (* - *)                               | *                   | (* - *)                               | 8.11              | (5.81 - 11.22)                      | 9.82              | (7.35 - 13.01)                      |
| South (Circuits 11 and 16)                                              | 5.76                | (4.38 - 7.54)                         | 14.57               | (11.69 - 18.02)                       | 3.97              | (3.05 - 5.15)                       | 5.33              | (4.33 - 6.53)                       |
| Southeast                                                               | 7.52                | (5.90 - 9.53)                         | 21.48               | (17.99 - 25.44)                       | 5.85              | (4.61 - 7.40)                       | 7.56              | (6.24 - 9.12)                       |
| Circuit 15 (Palm Beach)                                                 | 7.25                | (5.32 - 9.80)                         | 21.55               | (17.32 - 26.48)                       | 5.91              | (4.39 - 7.91)                       | 7.64              | (6.03 - 9.64)                       |
| Circuit 19                                                              | 8.09                | (5.90 - 11.02)                        | 21.33               | (16.35 - 27.33)                       | 5.72              | (4.18 - 7.80)                       | 7.38              | (5.66 - 9.56)                       |
| <b>Georgia</b>                                                          | 6.40                | (5.32 - 7.68)                         | 18.27               | (16.30 - 20.43)                       | 5.52              | (4.67 - 6.51)                       | 7.41              | (6.57 - 8.35)                       |
| Region 1                                                                | 5.86                | (4.34 - 7.85)                         | 16.64               | (13.36 - 20.54)                       | 4.51              | (3.43 - 5.91)                       | 6.12              | (4.95 - 7.54)                       |
| Region 2                                                                | 6.00                | (4.35 - 8.22)                         | 16.18               | (12.59 - 20.55)                       | 5.15              | (3.80 - 6.95)                       | 6.97              | (5.50 - 8.81)                       |
| Region 3                                                                | 7.24                | (5.55 - 9.39)                         | 23.18               | (19.71 - 27.06)                       | 7.05              | (5.60 - 8.83)                       | 9.36              | (7.91 - 11.03)                      |
| Region 4                                                                | 6.20                | (4.36 - 8.74)                         | 16.22               | (11.92 - 21.70)                       | 5.14              | (3.60 - 7.29)                       | 6.97              | (5.19 - 9.31)                       |
| Region 5                                                                | 5.97                | (4.26 - 8.31)                         | 15.14               | (11.49 - 19.67)                       | 5.25              | (3.72 - 7.34)                       | 6.88              | (5.23 - 9.00)                       |
| Region 6                                                                | 6.41                | (4.63 - 8.80)                         | 16.86               | (12.95 - 21.66)                       | 4.82              | (3.51 - 6.58)                       | 6.63              | (5.14 - 8.52)                       |

See notes at end of table.

(continued)



**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 6.34                | (5.02 - 7.97)                         | 17.06               | (14.52 - 19.93)                       | 6.51              | (5.34 - 7.91)                       | 7.88              | (6.73 - 9.21)                       |
| Hawaii Island                   | 6.61                | (4.63 - 9.37)                         | 15.91               | (11.80 - 21.10)                       | 8.60              | (6.20 - 11.82)                      | 9.50              | (7.12 - 12.57)                      |
| Honolulu                        | 5.76                | (4.33 - 7.62)                         | 16.66               | (13.80 - 19.99)                       | 5.41              | (4.24 - 6.87)                       | 6.92              | (5.74 - 8.32)                       |
| Kauai                           | 8.25                | (5.62 - 11.94)                        | *                   | (* - *)                               | 9.51              | (6.65 - 13.43)                      | 10.77             | (7.83 - 14.65)                      |
| Maui                            | 8.57                | (6.09 - 11.93)                        | *                   | (* - *)                               | 9.54              | (6.92 - 13.02)                      | 10.74             | (8.10 - 14.10)                      |
| <b>Idaho</b>                    | 6.46                | (5.20 - 8.00)                         | 14.48               | (12.35 - 16.91)                       | 5.53              | (4.54 - 6.71)                       | 6.83              | (5.84 - 7.96)                       |
| Region 1                        | 7.31                | (5.03 - 10.52)                        | 16.65               | (12.29 - 22.17)                       | 5.55              | (3.93 - 7.79)                       | 6.87              | (5.13 - 9.13)                       |
| Region 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 6.05              | (4.13 - 8.79)                       | 7.88              | (5.72 - 10.75)                      |
| Region 3                        | 4.98                | (3.43 - 7.17)                         | 10.72               | (7.91 - 14.37)                        | 4.27              | (3.01 - 6.03)                       | 5.20              | (3.88 - 6.94)                       |
| Region 4                        | 7.79                | (5.69 - 10.59)                        | 18.53               | (14.86 - 22.87)                       | 6.95              | (5.33 - 9.01)                       | 8.47              | (6.83 - 10.45)                      |
| Region 5                        | 6.41                | (4.52 - 9.01)                         | 13.06               | (9.57 - 17.58)                        | 4.67              | (3.26 - 6.67)                       | 5.83              | (4.31 - 7.85)                       |
| Region 6                        | 6.13                | (4.12 - 9.03)                         | *                   | (* - *)                               | 5.87              | (3.98 - 8.58)                       | 7.06              | (5.05 - 9.79)                       |
| Region 7                        | 5.25                | (3.68 - 7.43)                         | 10.96               | (7.90 - 15.01)                        | 4.22              | (2.92 - 6.07)                       | 5.47              | (4.04 - 7.38)                       |
| <b>Illinois</b>                 | 6.74                | (5.82 - 7.78)                         | 20.40               | (18.58 - 22.34)                       | 6.12              | (5.38 - 6.97)                       | 8.15              | (7.41 - 8.96)                       |
| Region 1 (Cook)                 | 6.99                | (5.79 - 8.42)                         | 21.66               | (19.24 - 24.30)                       | 6.71              | (5.72 - 7.87)                       | 8.77              | (7.76 - 9.90)                       |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 7.24              | (5.09 - 10.21)                      | 8.76              | (6.46 - 11.79)                      |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 6.38              | (4.44 - 9.09)                       | 8.16              | (6.01 - 10.98)                      |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | *                   | (* - *)                               | 9.27              | (6.70 - 12.70)                      | 11.29             | (8.54 - 14.77)                      |
| Region 1.4 (West Side)          | 7.14                | (5.05 - 9.99)                         | *                   | (* - *)                               | 9.19              | (6.71 - 12.47)                      | 11.20             | (8.57 - 14.50)                      |
| Region 1.5 (South Side)         | 8.07                | (5.77 - 11.18)                        | *                   | (* - *)                               | 9.46              | (6.90 - 12.82)                      | 12.54             | (9.79 - 15.91)                      |
| Region 1.6 (Southwest Side)     | 6.99                | (4.93 - 9.82)                         | *                   | (* - *)                               | 6.20              | (4.44 - 8.60)                       | 8.69              | (6.64 - 11.30)                      |
| Region 1.7 (Suburban Cook)      | 6.79                | (5.16 - 8.88)                         | 19.39               | (16.16 - 23.10)                       | 5.04              | (3.94 - 6.43)                       | 6.88              | (5.71 - 8.28)                       |
| Region 2                        | 6.70                | (5.55 - 8.08)                         | 19.04               | (16.54 - 21.81)                       | 5.38              | (4.49 - 6.43)                       | 7.33              | (6.39 - 8.39)                       |
| Region 2a (DuPage)              | 6.68                | (4.91 - 9.02)                         | 19.06               | (14.76 - 24.25)                       | 5.34              | (3.93 - 7.22)                       | 7.17              | (5.59 - 9.15)                       |
| Region 2b                       | 6.89                | (5.33 - 8.85)                         | 19.36               | (15.92 - 23.34)                       | 5.44              | (4.27 - 6.92)                       | 7.47              | (6.21 - 8.96)                       |
| Region 2c (Winnebago)           | 7.07                | (4.93 - 10.04)                        | *                   | (* - *)                               | 6.08              | (4.23 - 8.67)                       | 7.91              | (5.81 - 10.69)                      |
| Region 2d                       | 5.88                | (4.20 - 8.17)                         | 17.66               | (13.51 - 22.76)                       | 4.89              | (3.48 - 6.84)                       | 6.82              | (5.20 - 8.90)                       |
| Region 3                        | 6.97                | (5.36 - 9.03)                         | 21.01               | (17.62 - 24.85)                       | 6.48              | (5.06 - 8.26)                       | 8.88              | (7.38 - 10.64)                      |
| Region 3a (Champaign)           | *                   | (* - *)                               | *                   | (* - *)                               | 8.98              | (6.46 - 12.34)                      | 13.85             | (10.88 - 17.48)                     |
| Region 3b                       | 6.92                | (5.19 - 9.19)                         | 19.27               | (15.46 - 23.76)                       | 6.13              | (4.62 - 8.09)                       | 8.03              | (6.43 - 9.99)                       |
| Region 4                        | 6.03                | (4.56 - 7.94)                         | 20.01               | (16.00 - 24.71)                       | 5.80              | (4.46 - 7.52)                       | 7.73              | (6.23 - 9.54)                       |
| Region 4a (Sangamon)            | *                   | (* - *)                               | *                   | (* - *)                               | 6.38              | (4.42 - 9.12)                       | 8.22              | (6.03 - 11.11)                      |
| Region 4b                       | 5.91                | (4.23 - 8.20)                         | 19.74               | (15.13 - 25.33)                       | 5.63              | (4.12 - 7.66)                       | 7.58              | (5.87 - 9.75)                       |
| Region 5                        | 5.98                | (4.59 - 7.75)                         | 18.92               | (15.51 - 22.89)                       | 5.85              | (4.59 - 7.43)                       | 7.64              | (6.27 - 9.28)                       |
| Region 5a                       | 5.96                | (4.24 - 8.32)                         | 21.77               | (16.71 - 27.85)                       | 6.16              | (4.42 - 8.54)                       | 8.28              | (6.31 - 10.79)                      |
| Region 5b                       | 5.99                | (4.26 - 8.37)                         | 16.69               | (12.73 - 21.59)                       | 5.61              | (4.10 - 7.63)                       | 7.13              | (5.50 - 9.21)                       |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 7.39                | (6.05 - 9.00)                         | 20.69               | (18.08 - 23.57)                       | 6.96              | (5.78 - 8.37)                       | 9.03              | (7.86 - 10.35)                      |
| Central                                     | 6.76                | (4.95 - 9.18)                         | 18.31               | (14.52 - 22.82)                       | 6.36              | (4.82 - 8.34)                       | 8.01              | (6.43 - 9.94)                       |
| East                                        | 8.24                | (5.71 - 11.76)                        | *                   | (* - *)                               | 7.98              | (5.64 - 11.19)                      | 10.55             | (7.95 - 13.86)                      |
| North Central                               | 7.10                | (5.05 - 9.90)                         | 20.08               | (15.28 - 25.92)                       | 6.62              | (4.80 - 9.08)                       | 8.57              | (6.58 - 11.08)                      |
| Northeast                                   | 7.90                | (5.50 - 11.21)                        | 19.77               | (14.96 - 25.66)                       | 7.14              | (5.06 - 10.00)                      | 8.97              | (6.74 - 11.84)                      |
| Northwest                                   | 7.52                | (5.37 - 10.43)                        | 20.26               | (15.37 - 26.22)                       | 6.44              | (4.51 - 9.11)                       | 8.39              | (6.31 - 11.08)                      |
| Southeast                                   | 8.03                | (5.66 - 11.29)                        | *                   | (* - *)                               | 7.30              | (5.18 - 10.20)                      | 9.16              | (6.88 - 12.10)                      |
| Southwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | 6.08              | (4.20 - 8.72)                       | 7.71              | (5.67 - 10.39)                      |
| West                                        | 8.08                | (5.59 - 11.55)                        | *                   | (* - *)                               | 8.88              | (6.33 - 12.31)                      | 12.23             | (9.45 - 15.69)                      |
| <b>Iowa</b>                                 | 5.09                | (4.05 - 6.38)                         | 12.69               | (10.59 - 15.14)                       | 3.59              | (2.82 - 4.55)                       | 4.97              | (4.15 - 5.94)                       |
| Central                                     | 5.48                | (3.82 - 7.81)                         | 13.11               | (9.61 - 17.62)                        | 4.13              | (2.86 - 5.93)                       | 5.41              | (4.02 - 7.26)                       |
| North Central                               | 5.26                | (3.62 - 7.60)                         | 13.49               | (9.82 - 18.25)                        | 3.49              | (2.35 - 5.17)                       | 5.40              | (3.97 - 7.31)                       |
| Northeast                                   | 5.33                | (3.79 - 7.44)                         | 13.55               | (10.35 - 17.56)                       | 3.74              | (2.70 - 5.17)                       | 5.23              | (4.05 - 6.74)                       |
| Northwest                                   | 4.88                | (3.37 - 7.02)                         | 11.25               | (8.04 - 15.53)                        | 3.15              | (2.14 - 4.63)                       | 4.27              | (3.10 - 5.86)                       |
| Southeast                                   | 4.48                | (3.13 - 6.36)                         | 11.79               | (8.68 - 15.82)                        | 3.39              | (2.32 - 4.94)                       | 4.74              | (3.51 - 6.38)                       |
| Southwest                                   | 5.20                | (3.53 - 7.60)                         | 12.82               | (9.00 - 17.95)                        | 3.38              | (2.24 - 5.08)                       | 4.58              | (3.24 - 6.45)                       |
| <b>Kansas</b>                               | 6.26                | (5.03 - 7.77)                         | 15.35               | (13.12 - 17.87)                       | 5.60              | (4.57 - 6.85)                       | 7.10              | (6.06 - 8.31)                       |
| Northeast                                   | 6.28                | (4.67 - 8.39)                         | 15.88               | (12.94 - 19.35)                       | 5.94              | (4.60 - 7.63)                       | 7.55              | (6.19 - 9.19)                       |
| Northwest and North Central                 | 6.21                | (4.18 - 9.13)                         | *                   | (* - *)                               | 4.98              | (3.29 - 7.47)                       | 6.40              | (4.50 - 9.03)                       |
| South Central                               | 6.07                | (4.41 - 8.29)                         | 14.61               | (11.34 - 18.61)                       | 5.34              | (3.98 - 7.12)                       | 6.69              | (5.27 - 8.45)                       |
| Southeast                                   | 7.12                | (4.89 - 10.26)                        | *                   | (* - *)                               | 5.74              | (3.88 - 8.42)                       | 7.32              | (5.23 - 10.15)                      |
| Southwest                                   | 6.15                | (4.18 - 8.97)                         | 12.32               | (8.67 - 17.20)                        | 4.70              | (3.14 - 6.99)                       | 5.90              | (4.18 - 8.27)                       |
| <b>Kentucky</b>                             | 6.06                | (4.92 - 7.44)                         | 16.44               | (14.05 - 19.15)                       | 5.86              | (4.80 - 7.15)                       | 7.36              | (6.28 - 8.61)                       |
| Adanta, Cumberland River,<br>and Lifeskills | 5.78                | (4.09 - 8.11)                         | 14.35               | (10.70 - 18.99)                       | 5.02              | (3.54 - 7.07)                       | 6.37              | (4.77 - 8.45)                       |
| Bluegrass, Comprehend, and<br>North Key     | 6.15                | (4.51 - 8.35)                         | 17.59               | (14.03 - 21.82)                       | 6.11              | (4.58 - 8.12)                       | 7.83              | (6.24 - 9.78)                       |
| Centerstone                                 | 6.62                | (4.83 - 9.00)                         | 19.28               | (14.85 - 24.65)                       | 6.83              | (5.05 - 9.18)                       | 8.49              | (6.59 - 10.87)                      |
| Communicare and River Valley                | 5.82                | (4.01 - 8.38)                         | 14.51               | (10.56 - 19.62)                       | 5.58              | (3.85 - 8.02)                       | 6.82              | (4.96 - 9.31)                       |
| Four Rivers and Pennyroyal                  | 5.28                | (3.60 - 7.68)                         | 13.80               | (9.93 - 18.86)                        | 4.59              | (3.08 - 6.80)                       | 5.95              | (4.27 - 8.23)                       |
| Kentucky River, Mountain,<br>and Pathways   | 5.95                | (4.14 - 8.47)                         | 15.26               | (11.12 - 20.59)                       | 5.88              | (4.08 - 8.40)                       | 7.12              | (5.21 - 9.66)                       |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 5.52                | (4.39 - 6.92)                         | 17.00               | (14.58 - 19.73)                       | 5.03              | (4.08 - 6.19)                       | 6.79              | (5.79 - 7.95)                       |
| Regions 1 and 10      | 6.69                | (4.92 - 9.03)                         | 21.98               | (17.51 - 27.22)                       | 7.21              | (5.42 - 9.54)                       | 9.25              | (7.32 - 11.62)                      |
| Region 1              | 7.43                | (5.03 - 10.83)                        | *                   | (* - *)                               | 9.72              | (6.89 - 13.55)                      | 12.19             | (9.15 - 16.06)                      |
| Region 10 (Jefferson) | 5.92                | (4.05 - 8.59)                         | 16.61               | (12.27 - 22.10)                       | 4.56              | (3.13 - 6.59)                       | 6.02              | (4.41 - 8.16)                       |
| Regions 2 and 9       | 5.88                | (4.19 - 8.21)                         | 19.49               | (15.62 - 24.04)                       | 5.04              | (3.67 - 6.88)                       | 7.25              | (5.73 - 9.12)                       |
| Region 3              | 4.82                | (3.33 - 6.94)                         | 13.44               | (9.80 - 18.16)                        | 4.12              | (2.83 - 5.95)                       | 5.44              | (4.01 - 7.35)                       |
| Regions 4, 5, and 6   | 5.16                | (3.65 - 7.23)                         | 13.91               | (10.46 - 18.27)                       | 4.46              | (3.16 - 6.27)                       | 5.85              | (4.40 - 7.72)                       |
| Regions 7 and 8       | 4.82                | (3.36 - 6.88)                         | 14.39               | (10.86 - 18.81)                       | 3.91              | (2.79 - 5.45)                       | 5.50              | (4.22 - 7.14)                       |
| <b>Maine</b>          | 10.10               | (8.44 - 12.05)                        | 30.64               | (27.32 - 34.17)                       | 13.25             | (11.47 - 15.25)                     | 15.33             | (13.65 - 17.17)                     |
| Aroostook/Downeast    | 10.41               | (7.88 - 13.65)                        | 29.52               | (24.20 - 35.45)                       | 13.27             | (10.33 - 16.90)                     | 15.04             | (12.11 - 18.53)                     |
| Aroostook             | 10.08               | (7.24 - 13.86)                        | *                   | (* - *)                               | 12.68             | (9.29 - 17.06)                      | 14.34             | (10.93 - 18.59)                     |
| Downeast              | *                   | (* - *)                               | *                   | (* - *)                               | 13.74             | (9.92 - 18.74)                      | 15.61             | (11.74 - 20.44)                     |
| Central               | 10.26               | (7.44 - 13.99)                        | *                   | (* - *)                               | 13.09             | (9.87 - 17.15)                      | 15.09             | (11.87 - 18.99)                     |
| Cumberland            | 9.68                | (7.22 - 12.88)                        | 33.79               | (28.24 - 39.83)                       | 13.73             | (10.86 - 17.22)                     | 16.20             | (13.41 - 19.44)                     |
| Midcoast              | 10.51               | (7.62 - 14.34)                        | *                   | (* - *)                               | 12.53             | (9.52 - 16.33)                      | 14.26             | (11.19 - 18.00)                     |
| Penquis               | 10.89               | (7.96 - 14.73)                        | *                   | (* - *)                               | 14.31             | (11.01 - 18.39)                     | 16.62             | (13.33 - 20.53)                     |
| Western               | 9.94                | (7.36 - 13.29)                        | *                   | (* - *)                               | 13.73             | (10.53 - 17.72)                     | 15.73             | (12.52 - 19.57)                     |
| York                  | 9.61                | (7.03 - 12.99)                        | *                   | (* - *)                               | 11.87             | (8.93 - 15.62)                      | 13.79             | (10.84 - 17.39)                     |
| <b>Maryland</b>       | 8.18                | (6.77 - 9.86)                         | 25.58               | (22.63 - 28.78)                       | 7.61              | (6.40 - 9.02)                       | 10.06             | (8.84 - 11.43)                      |
| Anne Arundel          | 8.35                | (5.93 - 11.63)                        | *                   | (* - *)                               | 7.53              | (5.30 - 10.60)                      | 9.90              | (7.44 - 13.07)                      |
| Baltimore City        | 8.30                | (5.91 - 11.53)                        | *                   | (* - *)                               | 13.47             | (10.29 - 17.46)                     | 15.94             | (12.77 - 19.72)                     |
| Baltimore County      | 8.88                | (6.30 - 12.36)                        | *                   | (* - *)                               | 7.43              | (5.33 - 10.26)                      | 10.00             | (7.69 - 12.92)                      |
| Montgomery            | 7.20                | (5.18 - 9.94)                         | 22.44               | (17.36 - 28.50)                       | 5.52              | (4.07 - 7.45)                       | 7.46              | (5.83 - 9.51)                       |
| North Central         | 7.44                | (5.26 - 10.43)                        | *                   | (* - *)                               | 5.91              | (4.07 - 8.50)                       | 7.87              | (5.83 - 10.56)                      |
| Northeast             | 8.88                | (6.29 - 12.40)                        | *                   | (* - *)                               | 7.01              | (4.92 - 9.88)                       | 9.25              | (6.95 - 12.21)                      |
| Prince George's       | 8.91                | (6.30 - 12.46)                        | *                   | (* - *)                               | 8.19              | (5.95 - 11.19)                      | 11.56             | (9.11 - 14.55)                      |
| South                 | 7.09                | (4.96 - 10.05)                        | *                   | (* - *)                               | 6.21              | (4.28 - 8.92)                       | 8.55              | (6.36 - 11.41)                      |
| West                  | 9.09                | (6.48 - 12.60)                        | *                   | (* - *)                               | 8.00              | (5.73 - 11.05)                      | 10.20             | (7.76 - 13.31)                      |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 8.76                | (7.34 - 10.42)                        | 27.63               | (24.52 - 30.98)                       | 9.93              | (8.53 - 11.54)                      | 12.56             | (11.19 - 14.07)                     |
| Boston                | 7.60                | (5.33 - 10.74)                        | *                   | (* - *)                               | 12.45             | (9.43 - 16.26)                      | 15.85             | (12.73 - 19.55)                     |
| Central               | 9.41                | (6.84 - 12.82)                        | *                   | (* - *)                               | 10.48             | (7.78 - 13.98)                      | 12.78             | (10.00 - 16.18)                     |
| Metrowest             | 8.47                | (6.31 - 11.28)                        | 30.44               | (24.66 - 36.90)                       | 9.87              | (7.69 - 12.58)                      | 12.66             | (10.37 - 15.35)                     |
| Northeast             | 8.62                | (6.38 - 11.56)                        | 25.07               | (20.17 - 30.70)                       | 8.51              | (6.58 - 10.95)                      | 10.71             | (8.70 - 13.12)                      |
| Southeast             | 8.96                | (6.66 - 11.94)                        | 26.24               | (20.71 - 32.64)                       | 9.38              | (7.10 - 12.31)                      | 11.55             | (9.16 - 14.46)                      |
| Western               | 9.33                | (6.68 - 12.90)                        | *                   | (* - *)                               | 10.18             | (7.54 - 13.62)                      | 13.18             | (10.44 - 16.51)                     |
| <b>Michigan</b>       | 7.81                | (6.81 - 8.95)                         | 22.67               | (20.81 - 24.64)                       | 8.67              | (7.74 - 9.71)                       | 10.72             | (9.84 - 11.67)                      |
| Region 1              | 8.28                | (5.92 - 11.48)                        | 20.83               | (15.90 - 26.79)                       | 8.46              | (6.18 - 11.46)                      | 10.22             | (7.85 - 13.20)                      |
| Region 2              | 7.47                | (5.34 - 10.35)                        | *                   | (* - *)                               | 7.04              | (5.00 - 9.82)                       | 8.49              | (6.33 - 11.30)                      |
| Region 3              | 7.19                | (5.45 - 9.45)                         | 21.26               | (17.52 - 25.55)                       | 7.99              | (6.29 - 10.11)                      | 10.02             | (8.28 - 12.08)                      |
| Region 4              | 8.27                | (6.18 - 10.98)                        | 20.13               | (16.30 - 24.59)                       | 7.94              | (6.20 - 10.11)                      | 9.78              | (8.01 - 11.88)                      |
| Region 5              | 7.16                | (5.55 - 9.18)                         | 21.99               | (18.56 - 25.86)                       | 8.82              | (7.14 - 10.85)                      | 11.06             | (9.43 - 12.93)                      |
| Region 6              | 6.80                | (5.01 - 9.16)                         | 22.33               | (17.84 - 27.57)                       | 8.13              | (6.23 - 10.55)                      | 10.50             | (8.47 - 12.94)                      |
| Region 7              | 8.22                | (6.42 - 10.46)                        | 24.71               | (20.95 - 28.90)                       | 10.65             | (8.61 - 13.12)                      | 12.75             | (10.77 - 15.04)                     |
| Region 8              | 8.31                | (6.39 - 10.74)                        | 24.11               | (19.80 - 29.02)                       | 7.75              | (6.11 - 9.79)                       | 9.77              | (8.08 - 11.78)                      |
| Region 9              | 8.26                | (6.11 - 11.09)                        | 24.18               | (19.66 - 29.37)                       | 8.34              | (6.44 - 10.74)                      | 10.34             | (8.36 - 12.72)                      |
| Region 10             | 8.60                | (6.39 - 11.48)                        | 23.90               | (19.08 - 29.51)                       | 9.60              | (7.32 - 12.50)                      | 11.53             | (9.19 - 14.37)                      |
| <b>Minnesota</b>      | 6.09                | (4.93 - 7.49)                         | 18.42               | (15.85 - 21.31)                       | 6.09              | (5.00 - 7.39)                       | 7.79              | (6.68 - 9.07)                       |
| Regions 1 and 2       | 6.26                | (4.61 - 8.45)                         | 19.14               | (14.64 - 24.63)                       | 6.11              | (4.43 - 8.38)                       | 7.84              | (5.97 - 10.24)                      |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | 5.90              | (3.95 - 8.72)                       | 7.49              | (5.31 - 10.47)                      |
| Region 2              | 6.27                | (4.27 - 9.11)                         | *                   | (* - *)                               | 6.24              | (4.19 - 9.20)                       | 8.05              | (5.73 - 11.20)                      |
| Regions 3 and 4       | 6.02                | (4.44 - 8.10)                         | 17.60               | (13.93 - 21.99)                       | 5.31              | (3.94 - 7.14)                       | 7.06              | (5.56 - 8.94)                       |
| Region 3              | 6.23                | (4.18 - 9.19)                         | *                   | (* - *)                               | 5.40              | (3.53 - 8.16)                       | 7.03              | (4.91 - 9.96)                       |
| Region 4              | 5.92                | (4.15 - 8.37)                         | 17.70               | (13.45 - 22.95)                       | 5.27              | (3.73 - 7.40)                       | 7.08              | (5.37 - 9.28)                       |
| Regions 5 and 6       | 6.09                | (4.53 - 8.13)                         | 17.23               | (13.74 - 21.39)                       | 5.33              | (3.94 - 7.17)                       | 7.06              | (5.55 - 8.96)                       |
| Region 5              | 5.95                | (4.11 - 8.54)                         | 16.90               | (12.73 - 22.10)                       | 5.10              | (3.52 - 7.34)                       | 6.83              | (5.06 - 9.15)                       |
| Region 6              | 6.22                | (4.24 - 9.02)                         | *                   | (* - *)                               | 5.56              | (3.79 - 8.09)                       | 7.31              | (5.32 - 9.96)                       |
| Region 7              | 6.08                | (4.77 - 7.72)                         | 19.00               | (15.96 - 22.46)                       | 6.58              | (5.28 - 8.16)                       | 8.25              | (6.93 - 9.81)                       |
| Region 7A (Hennepin)  | 5.63                | (4.05 - 7.78)                         | 20.12               | (15.82 - 25.23)                       | 7.13              | (5.27 - 9.58)                       | 8.83              | (6.92 - 11.21)                      |
| Region 7B (Ramsey)    | 5.70                | (3.93 - 8.20)                         | *                   | (* - *)                               | 6.98              | (4.98 - 9.72)                       | 8.70              | (6.53 - 11.50)                      |
| Region 7C             | 6.57                | (4.77 - 9.00)                         | 18.47               | (14.23 - 23.62)                       | 5.84              | (4.26 - 7.96)                       | 7.46              | (5.76 - 9.62)                       |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 5.12                | (4.02 - 6.49)                         | 15.15               | (12.84 - 17.80)                       | 4.16              | (3.31 - 5.20)                       | 5.83              | (4.92 - 6.90)                       |
| Region 1                               | 5.65                | (4.00 - 7.94)                         | 17.21               | (13.28 - 22.00)                       | 4.41              | (3.18 - 6.09)                       | 6.35              | (4.95 - 8.11)                       |
| Region 2                               | 5.16                | (3.51 - 7.54)                         | 14.23               | (10.47 - 19.04)                       | 4.77              | (3.30 - 6.86)                       | 6.23              | (4.60 - 8.37)                       |
| Region 3                               | 4.70                | (3.20 - 6.84)                         | 13.53               | (9.90 - 18.20)                        | 3.56              | (2.41 - 5.24)                       | 5.26              | (3.87 - 7.13)                       |
| Region 4                               | 5.09                | (3.50 - 7.35)                         | 16.53               | (12.67 - 21.28)                       | 4.48              | (3.16 - 6.31)                       | 6.28              | (4.81 - 8.18)                       |
| Region 5                               | 5.38                | (3.57 - 8.03)                         | *                   | (* - *)                               | 4.15              | (2.70 - 6.35)                       | 5.60              | (3.90 - 7.98)                       |
| Region 6                               | 4.69                | (3.19 - 6.85)                         | 13.55               | (9.97 - 18.15)                        | 3.84              | (2.67 - 5.51)                       | 5.37              | (4.00 - 7.17)                       |
| Region 7                               | 4.87                | (3.31 - 7.11)                         | 14.21               | (10.20 - 19.45)                       | 3.67              | (2.50 - 5.37)                       | 5.15              | (3.75 - 7.04)                       |
| <b>Missouri</b>                        | 5.94                | (4.85 - 7.25)                         | 18.76               | (16.27 - 21.53)                       | 6.42              | (5.33 - 7.72)                       | 8.18              | (7.09 - 9.42)                       |
| Central                                | 5.07                | (3.55 - 7.18)                         | 17.43               | (13.19 - 22.69)                       | 5.43              | (3.78 - 7.75)                       | 7.54              | (5.69 - 9.92)                       |
| Eastern                                | 6.72                | (5.15 - 8.73)                         | 20.88               | (17.16 - 25.16)                       | 7.37              | (5.81 - 9.32)                       | 9.20              | (7.59 - 11.11)                      |
| Eastern (St. Louis City and<br>County) | 6.84                | (4.85 - 9.57)                         | 22.59               | (17.73 - 28.34)                       | 8.29              | (6.26 - 10.91)                      | 10.26             | (8.15 - 12.85)                      |
| Eastern (excluding St. Louis)          | 6.55                | (4.71 - 9.04)                         | 17.79               | (13.47 - 23.14)                       | 5.79              | (4.18 - 7.97)                       | 7.38              | (5.65 - 9.59)                       |
| Northwest                              | 6.32                | (4.79 - 8.30)                         | 20.47               | (16.57 - 25.01)                       | 7.02              | (5.43 - 9.03)                       | 8.89              | (7.22 - 10.91)                      |
| Northwest (Jackson)                    | 7.08                | (5.03 - 9.89)                         | 21.92               | (16.87 - 27.97)                       | 8.28              | (6.10 - 11.15)                      | 10.11             | (7.84 - 12.96)                      |
| Northwest (excluding Jackson)          | 5.72                | (4.00 - 8.11)                         | *                   | (* - *)                               | 5.94              | (4.21 - 8.32)                       | 7.86              | (5.94 - 10.33)                      |
| Southeast                              | 4.91                | (3.42 - 7.01)                         | 14.38               | (10.57 - 19.26)                       | 5.14              | (3.57 - 7.34)                       | 6.39              | (4.70 - 8.62)                       |
| Southwest                              | 5.09                | (3.56 - 7.21)                         | 16.22               | (12.27 - 21.13)                       | 5.17              | (3.69 - 7.20)                       | 6.73              | (5.11 - 8.80)                       |
| <b>Montana</b>                         | 8.40                | (6.94 - 10.13)                        | 23.08               | (20.35 - 26.05)                       | 10.32             | (8.85 - 12.00)                      | 12.12             | (10.72 - 13.67)                     |
| Region 1                               | 7.18                | (5.00 - 10.19)                        | *                   | (* - *)                               | 8.31              | (5.73 - 11.89)                      | 9.73              | (7.09 - 13.21)                      |
| Region 2                               | 7.55                | (5.42 - 10.40)                        | 17.35               | (13.20 - 22.48)                       | 8.62              | (6.43 - 11.49)                      | 9.90              | (7.69 - 12.67)                      |
| Region 3                               | 8.14                | (5.89 - 11.14)                        | 19.42               | (15.12 - 24.59)                       | 7.99              | (6.00 - 10.56)                      | 9.47              | (7.45 - 11.97)                      |
| Region 4                               | 8.38                | (6.23 - 11.18)                        | 25.70               | (21.11 - 30.90)                       | 11.30             | (8.92 - 14.22)                      | 13.46             | (11.11 - 16.22)                     |
| Region 5                               | 9.43                | (7.13 - 12.36)                        | 26.41               | (21.99 - 31.36)                       | 12.35             | (9.91 - 15.28)                      | 14.34             | (11.99 - 17.07)                     |
| <b>Nebraska</b>                        | 5.77                | (4.61 - 7.20)                         | 17.58               | (15.06 - 20.43)                       | 5.20              | (4.17 - 6.47)                       | 7.08              | (6.02 - 8.31)                       |
| Regions 1 and 2                        | 5.74                | (4.18 - 7.83)                         | 16.46               | (12.33 - 21.64)                       | 4.56              | (3.21 - 6.43)                       | 6.16              | (4.61 - 8.20)                       |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | 4.81              | (3.17 - 7.26)                       | 6.40              | (4.46 - 9.10)                       |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | 4.33              | (2.80 - 6.65)                       | 5.95              | (4.13 - 8.50)                       |
| Region 3                               | 5.26                | (3.70 - 7.42)                         | 17.10               | (12.91 - 22.29)                       | 4.21              | (2.91 - 6.06)                       | 6.13              | (4.62 - 8.08)                       |
| Region 4                               | 5.30                | (3.65 - 7.63)                         | 14.92               | (10.88 - 20.12)                       | 3.92              | (2.65 - 5.79)                       | 5.50              | (3.99 - 7.52)                       |
| Region 5                               | 5.40                | (3.87 - 7.48)                         | 16.88               | (12.90 - 21.78)                       | 4.93              | (3.57 - 6.78)                       | 6.95              | (5.41 - 8.90)                       |
| Region 6                               | 6.23                | (4.61 - 8.37)                         | 19.12               | (15.53 - 23.31)                       | 6.15              | (4.66 - 8.07)                       | 8.09              | (6.56 - 9.94)                       |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 8.46                | (6.85 - 10.39)                        | 17.61               | (14.98 - 20.59)                       | 6.41              | (5.23 - 7.85)                       | 7.89              | (6.72 - 9.24)                       |
| Clark – Region 1        | 8.33                | (6.50 - 10.63)                        | 16.84               | (13.90 - 20.25)                       | 6.12              | (4.85 - 7.70)                       | 7.55              | (6.29 - 9.05)                       |
| Region 3                | 8.02                | (5.85 - 10.90)                        | 17.24               | (12.91 - 22.64)                       | 5.78              | (4.09 - 8.12)                       | 7.12              | (5.28 - 9.54)                       |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | 5.86              | (3.74 - 9.06)                       | 7.34              | (4.97 - 10.69)                      |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | 5.71              | (3.79 - 8.52)                       | 6.93              | (4.85 - 9.81)                       |
| Washoe – Region 2       | 9.41                | (6.84 - 12.81)                        | 21.35               | (16.54 - 27.10)                       | 8.26              | (6.02 - 11.22)                      | 10.03             | (7.75 - 12.89)                      |
| <b>New Hampshire</b>    | 8.60                | (7.14 - 10.33)                        | 29.78               | (26.47 - 33.31)                       | 10.06             | (8.61 - 11.73)                      | 12.74             | (11.30 - 14.33)                     |
| Central                 | 8.76                | (6.89 - 11.07)                        | 29.61               | (25.23 - 34.41)                       | 10.46             | (8.47 - 12.85)                      | 13.22             | (11.20 - 15.54)                     |
| Central 1               | 9.35                | (6.90 - 12.57)                        | *                   | (* - *)                               | 11.58             | (8.81 - 15.07)                      | 14.93             | (12.02 - 18.38)                     |
| Central 2               | 8.22                | (6.01 - 11.15)                        | 26.14               | (21.28 - 31.67)                       | 9.40              | (7.12 - 12.31)                      | 11.54             | (9.26 - 14.30)                      |
| Northern                | 10.27               | (7.42 - 14.05)                        | *                   | (* - *)                               | 11.92             | (8.90 - 15.77)                      | 15.22             | (12.17 - 18.87)                     |
| Southern                | 8.23                | (6.57 - 10.27)                        | 28.51               | (24.41 - 32.99)                       | 9.46              | (7.81 - 11.42)                      | 11.94             | (10.26 - 13.85)                     |
| Southern 1 (Rockingham) | 7.19                | (5.19 - 9.87)                         | *                   | (* - *)                               | 7.23              | (5.36 - 9.67)                       | 9.47              | (7.44 - 11.97)                      |
| Southern 2              | 8.91                | (6.79 - 11.60)                        | 29.81               | (24.90 - 35.25)                       | 10.88             | (8.73 - 13.49)                      | 13.49             | (11.32 - 15.99)                     |
| <b>New Jersey</b>       | 6.09                | (5.02 - 7.36)                         | 20.10               | (17.83 - 22.59)                       | 5.17              | (4.31 - 6.19)                       | 7.12              | (6.25 - 8.09)                       |
| Central                 | 6.16                | (4.52 - 8.35)                         | 20.88               | (16.97 - 25.41)                       | 5.12              | (3.81 - 6.86)                       | 7.10              | (5.70 - 8.82)                       |
| Metropolitan            | 5.38                | (3.93 - 7.33)                         | 18.45               | (14.82 - 22.74)                       | 4.98              | (3.71 - 6.66)                       | 6.87              | (5.51 - 8.52)                       |
| Northern                | 6.22                | (4.77 - 8.09)                         | 19.52               | (16.17 - 23.38)                       | 5.02              | (3.92 - 6.41)                       | 6.83              | (5.66 - 8.22)                       |
| Southern                | 6.63                | (4.85 - 9.01)                         | 22.15               | (17.93 - 27.04)                       | 5.68              | (4.29 - 7.47)                       | 7.88              | (6.38 - 9.68)                       |
| <b>New Mexico</b>       | 9.03                | (7.48 - 10.86)                        | 22.79               | (19.92 - 25.95)                       | 8.83              | (7.42 - 10.49)                      | 10.85             | (9.46 - 12.43)                      |
| Region 1                | 8.16                | (6.01 - 11.00)                        | 19.65               | (15.22 - 25.00)                       | 7.79              | (5.75 - 10.47)                      | 9.52              | (7.41 - 12.15)                      |
| Region 2                | 10.48               | (7.58 - 14.31)                        | *                   | (* - *)                               | 10.96             | (8.01 - 14.82)                      | 13.03             | (9.98 - 16.84)                      |
| Region 3 (Bernalillo)   | 9.95                | (7.59 - 12.94)                        | 25.05               | (20.78 - 29.87)                       | 9.88              | (7.75 - 12.53)                      | 12.02             | (9.89 - 14.53)                      |
| Region 4                | 7.82                | (5.57 - 10.88)                        | *                   | (* - *)                               | 7.59              | (5.42 - 10.52)                      | 9.68              | (7.35 - 12.66)                      |
| Region 5                | 8.53                | (6.48 - 11.15)                        | 20.66               | (16.62 - 25.39)                       | 7.29              | (5.58 - 9.48)                       | 9.44              | (7.61 - 11.65)                      |
| Region 5a               | 9.36                | (6.57 - 13.17)                        | *                   | (* - *)                               | 8.29              | (5.88 - 11.56)                      | 10.18             | (7.60 - 13.49)                      |
| Region 5b (Dona Ana)    | 7.87                | (5.51 - 11.13)                        | 19.45               | (14.69 - 25.30)                       | 6.33              | (4.41 - 8.99)                       | 8.76              | (6.60 - 11.53)                      |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 7.31                | (6.39 - 8.36)                         | 22.43               | (20.75 - 24.21)                       | 7.73              | (6.93 - 8.62)                       | 9.85              | (9.09 - 10.68)                      |
| Region 1: Long Island                          | 8.16                | (6.39 - 10.37)                        | 24.05               | (20.24 - 28.31)                       | 6.51              | (5.16 - 8.20)                       | 8.91              | (7.49 - 10.56)                      |
| Region 2: New York City                        | 6.66                | (5.56 - 7.97)                         | 20.68               | (18.50 - 23.05)                       | 8.31              | (7.25 - 9.50)                       | 10.04             | (9.00 - 11.19)                      |
| Region 2A: Bronx                               | 5.87                | (4.24 - 8.08)                         | 16.68               | (13.06 - 21.06)                       | 6.01              | (4.50 - 7.97)                       | 7.81              | (6.18 - 9.83)                       |
| Region 2B: Kings                               | 6.78                | (5.08 - 8.99)                         | 21.84               | (18.11 - 26.09)                       | 9.07              | (7.34 - 11.15)                      | 10.91             | (9.18 - 12.91)                      |
| Region 2C: New York                            | 9.23                | (6.73 - 12.54)                        | 28.39               | (23.56 - 33.77)                       | 12.67             | (10.13 - 15.74)                     | 14.69             | (12.19 - 17.59)                     |
| Region 2D: Queens                              | 5.65                | (4.14 - 7.66)                         | 15.91               | (12.62 - 19.87)                       | 5.73              | (4.44 - 7.38)                       | 7.03              | (5.67 - 8.69)                       |
| Region 2E: Richmond                            | 7.45                | (5.32 - 10.34)                        | *                   | (* - *)                               | 6.91              | (4.93 - 9.60)                       | 9.14              | (6.92 - 11.97)                      |
| Region 3: Mid-Hudson                           | 7.05                | (5.41 - 9.13)                         | 23.26               | (19.02 - 28.11)                       | 6.26              | (4.88 - 7.99)                       | 8.71              | (7.19 - 10.52)                      |
| Region 4: Capital Region                       | 8.44                | (6.21 - 11.37)                        | 29.23               | (23.97 - 35.11)                       | 8.84              | (6.74 - 11.51)                      | 11.82             | (9.61 - 14.46)                      |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | 7.93              | (5.69 - 10.95)                      | 10.12             | (7.65 - 13.27)                      |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | 8.51              | (6.15 - 11.67)                      | 10.61             | (8.02 - 13.91)                      |
| Region 7: Tug Hill Seaway                      | 6.11                | (4.27 - 8.66)                         | *                   | (* - *)                               | 6.23              | (4.39 - 8.76)                       | 8.53              | (6.40 - 11.29)                      |
| Region 8: Central                              | 7.47                | (5.63 - 9.86)                         | 23.63               | (19.16 - 28.76)                       | 8.10              | (6.22 - 10.47)                      | 10.59             | (8.63 - 12.94)                      |
| Region 9: Southern Tier                        | 6.76                | (4.81 - 9.42)                         | 22.88               | (17.80 - 28.90)                       | 7.30              | (5.32 - 9.94)                       | 10.24             | (8.00 - 13.01)                      |
| Region 10: Finger Lakes                        | 7.65                | (5.70 - 10.20)                        | 21.31               | (17.15 - 26.16)                       | 7.63              | (5.83 - 9.93)                       | 9.69              | (7.79 - 12.01)                      |
| Region 11: Western                             | 8.21                | (6.34 - 10.56)                        | 23.89               | (19.77 - 28.56)                       | 8.28              | (6.57 - 10.38)                      | 10.57             | (8.81 - 12.63)                      |
| <b>North Carolina</b>                          | 6.23                | (5.19 - 7.45)                         | 19.25               | (17.21 - 21.48)                       | 6.08              | (5.17 - 7.13)                       | 7.92              | (7.02 - 8.93)                       |
| Alliance Behavioral<br>Healthcare 1            | 5.87                | (4.23 - 8.09)                         | 20.83               | (16.27 - 26.26)                       | 6.93              | (5.09 - 9.37)                       | 9.09              | (7.13 - 11.54)                      |
| Alliance Behavioral<br>Healthcare 2            | 5.90                | (4.20 - 8.23)                         | 18.76               | (14.14 - 24.45)                       | 6.01              | (4.32 - 8.30)                       | 7.78              | (5.92 - 10.17)                      |
| Cardinal Innovations<br>Healthcare Solutions 1 | 5.65                | (3.99 - 7.95)                         | 17.04               | (12.64 - 22.56)                       | 5.78              | (4.09 - 8.09)                       | 7.23              | (5.40 - 9.61)                       |
| Cardinal Innovations<br>Healthcare Solutions 2 | 5.93                | (4.18 - 8.37)                         | 17.63               | (13.22 - 23.12)                       | 5.36              | (3.83 - 7.45)                       | 7.17              | (5.42 - 9.43)                       |
| Cardinal Innovations<br>Healthcare Solutions 3 | 7.30                | (5.20 - 10.14)                        | 22.28               | (17.66 - 27.70)                       | 7.51              | (5.60 - 10.00)                      | 9.52              | (7.51 - 12.00)                      |
| CenterPoint Human Services                     | 6.20                | (4.37 - 8.73)                         | 19.57               | (14.74 - 25.50)                       | 6.15              | (4.37 - 8.58)                       | 7.95              | (5.98 - 10.49)                      |
| Eastpointe                                     | 5.16                | (3.64 - 7.26)                         | 14.35               | (10.85 - 18.74)                       | 4.79              | (3.40 - 6.70)                       | 6.11              | (4.61 - 8.07)                       |
| Partners Behavioral Health<br>Management       | 6.62                | (4.68 - 9.29)                         | 18.32               | (13.91 - 23.75)                       | 5.78              | (4.16 - 7.97)                       | 7.36              | (5.60 - 9.61)                       |
| Sandhills Center 1                             | *                   | (* - *)                               | 16.60               | (12.32 - 22.00)                       | 5.61              | (3.90 - 8.01)                       | 7.04              | (5.19 - 9.48)                       |
| Sandhills Center 2                             | 6.66                | (4.67 - 9.41)                         | *                   | (* - *)                               | 7.07              | (5.01 - 9.88)                       | 9.38              | (7.08 - 12.33)                      |
| Smoky Mountain Center 1                        | 7.06                | (4.92 - 10.03)                        | *                   | (* - *)                               | 5.94              | (4.21 - 8.31)                       | 8.04              | (6.09 - 10.54)                      |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | 17.52               | (13.04 - 23.13)                       | 5.36              | (3.73 - 7.64)                       | 6.68              | (4.91 - 9.04)                       |
| Trillium Health Resources 1                    | 6.26                | (4.40 - 8.83)                         | 19.93               | (15.54 - 25.20)                       | 5.96              | (4.32 - 8.17)                       | 8.17              | (6.33 - 10.48)                      |
| Trillium Health Resources 2                    | *                   | (* - *)                               | *                   | (* - *)                               | 6.61              | (4.64 - 9.33)                       | 9.28              | (7.04 - 12.15)                      |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 5.44                | (4.35 - 6.78)                         | 14.22               | (12.09 - 16.65)                       | 3.86              | (3.05 - 4.89)                       | 5.73              | (4.86 - 6.75)                       |
| Badlands and West Central     | 6.06                | (4.51 - 8.10)                         | 14.95               | (11.65 - 18.98)                       | 3.86              | (2.83 - 5.24)                       | 5.49              | (4.32 - 6.94)                       |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | 3.16              | (2.07 - 4.81)                       | 4.79              | (3.40 - 6.71)                       |
| West Central                  | 6.18                | (4.46 - 8.51)                         | 15.25               | (11.48 - 19.98)                       | 4.06              | (2.89 - 5.69)                       | 5.69              | (4.35 - 7.41)                       |
| Lake Region                   | 4.76                | (3.17 - 7.09)                         | *                   | (* - *)                               | 3.27              | (2.09 - 5.09)                       | 4.30              | (2.95 - 6.23)                       |
| North Central                 | 5.26                | (3.63 - 7.55)                         | 14.97               | (10.89 - 20.24)                       | 3.63              | (2.46 - 5.33)                       | 5.65              | (4.18 - 7.60)                       |
| Northeast                     | 5.39                | (3.78 - 7.63)                         | 15.23               | (11.58 - 19.77)                       | 4.29              | (2.95 - 6.19)                       | 7.00              | (5.37 - 9.09)                       |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | 3.56              | (2.30 - 5.47)                       | 5.11              | (3.56 - 7.30)                       |
| South Central                 | 5.50                | (3.71 - 8.08)                         | *                   | (* - *)                               | 3.03              | (1.94 - 4.71)                       | 4.51              | (3.16 - 6.38)                       |
| Southeast                     | 5.10                | (3.67 - 7.06)                         | 13.59               | (10.74 - 17.06)                       | 4.25              | (3.09 - 5.81)                       | 6.18              | (4.92 - 7.73)                       |
| <b>Ohio</b>                   | 6.14                | (5.27 - 7.15)                         | 19.59               | (17.76 - 21.56)                       | 6.53              | (5.75 - 7.42)                       | 8.35              | (7.58 - 9.19)                       |
| Boards 2, 46, 55, and 68      | 5.38                | (3.78 - 7.59)                         | 15.97               | (11.82 - 21.25)                       | 5.26              | (3.71 - 7.40)                       | 6.72              | (5.00 - 8.99)                       |
| Boards 3, 52, and 85          | 6.00                | (4.21 - 8.48)                         | *                   | (* - *)                               | 5.43              | (3.81 - 7.67)                       | 7.07              | (5.22 - 9.51)                       |
| Boards 4 and 78               | 5.22                | (3.64 - 7.45)                         | 15.47               | (11.34 - 20.76)                       | 5.49              | (3.85 - 7.77)                       | 6.69              | (4.93 - 9.04)                       |
| Boards 5 and 60               | 6.33                | (4.41 - 9.00)                         | 19.47               | (14.81 - 25.16)                       | 6.63              | (4.72 - 9.23)                       | 8.88              | (6.76 - 11.60)                      |
| Boards 7, 15, 41, 79, and 84  | 5.16                | (3.59 - 7.36)                         | 14.97               | (10.82 - 20.34)                       | 5.24              | (3.60 - 7.57)                       | 6.40              | (4.63 - 8.79)                       |
| Boards 8, 13, and 83          | 5.57                | (3.87 - 7.97)                         | *                   | (* - *)                               | 5.00              | (3.49 - 7.11)                       | 6.46              | (4.77 - 8.70)                       |
| Board 9 (Butler)              | 6.04                | (4.34 - 8.36)                         | *                   | (* - *)                               | 6.83              | (4.97 - 9.31)                       | 9.04              | (6.97 - 11.65)                      |
| Board 12                      | 5.84                | (4.04 - 8.37)                         | *                   | (* - *)                               | 6.06              | (4.27 - 8.53)                       | 8.28              | (6.23 - 10.93)                      |
| Boards 18 and 47              | 6.95                | (5.20 - 9.23)                         | 21.67               | (17.79 - 26.12)                       | 6.84              | (5.33 - 8.74)                       | 8.82              | (7.24 - 10.70)                      |
| Boards 20, 32, 54, and 69     | 5.32                | (3.76 - 7.47)                         | 14.71               | (10.85 - 19.64)                       | 5.24              | (3.73 - 7.31)                       | 6.48              | (4.85 - 8.61)                       |
| Boards 21, 39, 51, 70, and 80 | 5.71                | (4.11 - 7.87)                         | 17.01               | (12.83 - 22.22)                       | 5.77              | (4.10 - 8.06)                       | 7.20              | (5.41 - 9.54)                       |
| Boards 22, 74, and 87         | 5.98                | (4.27 - 8.31)                         | 18.23               | (13.87 - 23.60)                       | 5.92              | (4.22 - 8.26)                       | 7.76              | (5.89 - 10.16)                      |
| Boards 23 and 45              | 5.10                | (3.57 - 7.24)                         | 17.05               | (12.83 - 22.29)                       | 5.72              | (4.06 - 8.01)                       | 7.33              | (5.51 - 9.70)                       |
| Board 25 (Franklin)           | 6.17                | (4.55 - 8.31)                         | 22.87               | (18.90 - 27.40)                       | 8.07              | (6.26 - 10.34)                      | 10.33             | (8.49 - 12.51)                      |
| Boards 27, 71, and 73         | 6.68                | (4.73 - 9.35)                         | 17.27               | (12.93 - 22.68)                       | 7.45              | (5.38 - 10.22)                      | 8.70              | (6.54 - 11.47)                      |
| Boards 28, 43, and 67         | 5.67                | (3.96 - 8.05)                         | 17.64               | (13.25 - 23.09)                       | 5.02              | (3.52 - 7.10)                       | 6.81              | (5.11 - 9.02)                       |
| Board 31 (Hamilton)           | 6.76                | (4.93 - 9.22)                         | 23.13               | (18.47 - 28.56)                       | 7.92              | (6.02 - 10.36)                      | 10.12             | (8.10 - 12.57)                      |
| Board 48 (Lucas)              | 6.92                | (4.94 - 9.62)                         | 21.26               | (16.38 - 27.13)                       | 8.46              | (6.17 - 11.50)                      | 10.37             | (7.96 - 13.41)                      |
| Boards 50 and 76              | 6.49                | (4.66 - 8.96)                         | 20.13               | (15.58 - 25.61)                       | 6.68              | (4.96 - 8.95)                       | 8.41              | (6.57 - 10.71)                      |
| Board 57 (Montgomery)         | 6.61                | (4.71 - 9.20)                         | 20.94               | (16.11 - 26.77)                       | 6.35              | (4.60 - 8.69)                       | 8.36              | (6.44 - 10.77)                      |
| Board 77 (Summit)             | 6.40                | (4.50 - 9.02)                         | 20.34               | (15.58 - 26.10)                       | 7.10              | (5.18 - 9.65)                       | 8.83              | (6.80 - 11.41)                      |

See notes at end of table.

(continued)



**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 5.38                | (4.29 - 6.72)                         | 14.58               | (12.35 - 17.13)                       | 4.44              | (3.52 - 5.59)                       | 5.96              | (5.00 - 7.09)                       |
| Central                               | 5.03                | (3.44 - 7.30)                         | 13.82               | (10.15 - 18.53)                       | 3.82              | (2.60 - 5.59)                       | 5.43              | (3.99 - 7.34)                       |
| East Central                          | 4.60                | (3.11 - 6.74)                         | 10.65               | (7.56 - 14.82)                        | 3.52              | (2.33 - 5.28)                       | 4.54              | (3.22 - 6.36)                       |
| Northeast                             | 5.48                | (3.72 - 8.01)                         | 13.61               | (9.81 - 18.57)                        | 4.31              | (2.98 - 6.19)                       | 5.85              | (4.31 - 7.89)                       |
| Northwest and Southwest               | 5.22                | (3.63 - 7.46)                         | 13.67               | (10.02 - 18.39)                       | 4.29              | (2.90 - 6.29)                       | 5.75              | (4.18 - 7.84)                       |
| Oklahoma County                       | 5.75                | (4.05 - 8.10)                         | 18.22               | (14.15 - 23.16)                       | 5.30              | (3.73 - 7.48)                       | 7.16              | (5.45 - 9.35)                       |
| Southeast                             | 5.03                | (3.43 - 7.31)                         | 10.71               | (7.59 - 14.91)                        | 3.82              | (2.55 - 5.67)                       | 4.79              | (3.41 - 6.69)                       |
| Tulsa County                          | 6.11                | (4.29 - 8.65)                         | 18.60               | (14.07 - 24.19)                       | 5.32              | (3.77 - 7.46)                       | 7.22              | (5.49 - 9.43)                       |
| <b>Oregon</b>                         | 10.23               | (8.54 - 12.22)                        | 29.32               | (26.32 - 32.50)                       | 12.95             | (11.30 - 14.79)                     | 15.12             | (13.55 - 16.84)                     |
| Region 1 (Multnomah)                  | 10.62               | (7.90 - 14.14)                        | 31.80               | (26.17 - 38.01)                       | 18.90             | (15.57 - 22.75)                     | 20.50             | (17.30 - 24.12)                     |
| Region 2                              | 8.67                | (6.54 - 11.42)                        | 26.93               | (22.05 - 32.43)                       | 10.26             | (8.08 - 12.94)                      | 12.39             | (10.19 - 14.98)                     |
| Region 3                              | 11.07               | (8.44 - 14.38)                        | 30.04               | (25.56 - 34.94)                       | 12.18             | (9.76 - 15.09)                      | 14.90             | (12.55 - 17.61)                     |
| Region 4                              | 11.50               | (8.50 - 15.37)                        | 30.65               | (24.79 - 37.22)                       | 12.38             | (9.47 - 16.02)                      | 14.50             | (11.58 - 18.00)                     |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | 10.08             | (6.97 - 14.36)                      | 12.18             | (8.87 - 16.49)                      |
| Region 6 (Eastern)                    | 9.65                | (6.75 - 13.60)                        | *                   | (* - *)                               | 11.25             | (8.12 - 15.38)                      | 13.05             | (9.83 - 17.14)                      |
| <b>Pennsylvania</b>                   | 6.61                | (5.71 - 7.63)                         | 19.46               | (17.71 - 21.34)                       | 6.48              | (5.71 - 7.35)                       | 8.26              | (7.51 - 9.07)                       |
| Region 1 (Allegheny)                  | 7.57                | (5.62 - 10.14)                        | 21.67               | (17.18 - 26.97)                       | 8.09              | (6.21 - 10.49)                      | 9.80              | (7.86 - 12.15)                      |
| Regions 3, 8, 9, and 51               | 6.84                | (4.99 - 9.31)                         | 20.88               | (16.43 - 26.16)                       | 6.09              | (4.45 - 8.30)                       | 8.09              | (6.34 - 10.28)                      |
| Regions 4, 11, 37, and 49             | 6.13                | (4.45 - 8.40)                         | 16.90               | (12.97 - 21.73)                       | 5.59              | (4.04 - 7.69)                       | 7.10              | (5.43 - 9.25)                       |
| Regions 5, 18, 23, 24, and 46         | 5.21                | (3.73 - 7.24)                         | 14.67               | (11.19 - 19.00)                       | 4.56              | (3.36 - 6.15)                       | 5.85              | (4.55 - 7.50)                       |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 6.16                | (4.47 - 8.42)                         | 20.05               | (15.74 - 25.18)                       | 6.34              | (4.66 - 8.58)                       | 8.85              | (7.00 - 11.14)                      |
| Regions 7, 13, 20, and 33             | 7.64                | (5.91 - 9.81)                         | 21.65               | (18.03 - 25.77)                       | 5.68              | (4.48 - 7.18)                       | 7.74              | (6.48 - 9.22)                       |
| Regions 10, 15, 27, 32, 43, and 44    | 5.22                | (3.60 - 7.51)                         | 14.23               | (10.45 - 19.10)                       | 5.00              | (3.48 - 7.13)                       | 6.10              | (4.46 - 8.28)                       |
| Regions 17 and 21                     | 5.53                | (3.84 - 7.89)                         | 16.51               | (12.27 - 21.86)                       | 5.80              | (4.06 - 8.24)                       | 7.41              | (5.50 - 9.90)                       |
| Regions 19, 26, 28, and 42            | 5.63                | (4.23 - 7.47)                         | 15.93               | (12.68 - 19.83)                       | 5.06              | (3.88 - 6.57)                       | 6.47              | (5.21 - 8.01)                       |
| Regions 22, 38, 40, 41, and 48        | 5.37                | (3.78 - 7.57)                         | 13.88               | (10.36 - 18.34)                       | 4.42              | (3.16 - 6.14)                       | 5.48              | (4.13 - 7.24)                       |
| Regions 29 and 34                     | 6.75                | (4.84 - 9.33)                         | 18.13               | (13.72 - 23.58)                       | 5.51              | (4.00 - 7.56)                       | 7.23              | (5.54 - 9.39)                       |
| Regions 30 and 50                     | 5.82                | (4.14 - 8.12)                         | 16.82               | (12.76 - 21.84)                       | 5.83              | (4.19 - 8.06)                       | 7.21              | (5.45 - 9.48)                       |
| Region 36 (Philadelphia)              | 7.76                | (5.80 - 10.30)                        | 25.21               | (21.17 - 29.71)                       | 12.28             | (9.68 - 15.47)                      | 14.49             | (12.01 - 17.37)                     |

See notes at end of table.

(continued)

**Table 2** *Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 10.02               | (8.32 - 12.01)                        | 30.75               | (27.26 - 34.49)                       | 11.83             | (10.19 - 13.69)                     | 14.77             | (13.16 - 16.54)                     |
| Region 1: Southern Providence<br>County                   | 9.86                | (7.21 - 13.33)                        | *                   | (* - *)                               | 11.64             | (8.94 - 15.03)                      | 14.24             | (11.43 - 17.61)                     |
| Region 2: Northern Providence<br>County/Blackstone Valley | 9.67                | (7.11 - 13.04)                        | 27.53               | (21.93 - 33.94)                       | 11.24             | (8.66 - 14.46)                      | 13.32             | (10.70 - 16.46)                     |
| Region 3: Providence                                      | 8.95                | (6.36 - 12.46)                        | *                   | (* - *)                               | 13.68             | (10.39 - 17.81)                     | 17.60             | (14.16 - 21.67)                     |
| Region 4: Kent County                                     | 10.14               | (7.40 - 13.76)                        | *                   | (* - *)                               | 10.39             | (7.86 - 13.62)                      | 12.49             | (9.88 - 15.66)                      |
| Region 5: East Bay                                        | 12.26               | (8.93 - 16.61)                        | *                   | (* - *)                               | 14.30             | (10.87 - 18.59)                     | 17.19             | (13.67 - 21.38)                     |
| Region 6: Newport County                                  | 10.03               | (7.06 - 14.06)                        | *                   | (* - *)                               | 11.17             | (8.12 - 15.18)                      | 14.35             | (11.04 - 18.45)                     |
| Region 7: South County                                    | 10.64               | (7.83 - 14.31)                        | *                   | (* - *)                               | 11.43             | (8.60 - 15.05)                      | 15.62             | (12.61 - 19.19)                     |
| <b>South Carolina</b>                                     | 6.08                | (4.89 - 7.53)                         | 19.16               | (16.50 - 22.14)                       | 5.19              | (4.28 - 6.29)                       | 7.14              | (6.18 - 8.24)                       |
| Region 1                                                  | 6.00                | (4.39 - 8.14)                         | 16.43               | (12.89 - 20.71)                       | 4.54              | (3.33 - 6.17)                       | 6.21              | (4.89 - 7.86)                       |
| Region 2                                                  | 5.94                | (4.30 - 8.16)                         | 21.28               | (17.01 - 26.27)                       | 6.04              | (4.56 - 7.97)                       | 8.30              | (6.67 - 10.28)                      |
| Region 3                                                  | 6.16                | (4.38 - 8.59)                         | 16.25               | (12.17 - 21.37)                       | 4.91              | (3.50 - 6.85)                       | 6.37              | (4.82 - 8.38)                       |
| Region 4                                                  | 6.25                | (4.54 - 8.55)                         | 22.06               | (17.48 - 27.45)                       | 5.36              | (4.00 - 7.17)                       | 7.67              | (6.12 - 9.59)                       |
| <b>South Dakota</b>                                       | 6.55                | (5.29 - 8.08)                         | 17.16               | (14.71 - 19.92)                       | 5.41              | (4.42 - 6.61)                       | 7.16              | (6.14 - 8.32)                       |
| Region 1                                                  | 7.92                | (5.69 - 10.91)                        | 20.27               | (15.89 - 25.49)                       | 7.14              | (5.38 - 9.41)                       | 9.00              | (7.16 - 11.25)                      |
| Region 2                                                  | 6.05                | (4.16 - 8.72)                         | 14.35               | (10.23 - 19.75)                       | 5.15              | (3.48 - 7.56)                       | 6.39              | (4.57 - 8.87)                       |
| Region 3                                                  | 5.85                | (4.19 - 8.10)                         | 16.19               | (12.35 - 20.93)                       | 4.26              | (3.07 - 5.89)                       | 6.26              | (4.86 - 8.02)                       |
| Region 4                                                  | 6.67                | (4.70 - 9.38)                         | 19.74               | (15.19 - 25.25)                       | 5.45              | (3.87 - 7.64)                       | 7.75              | (5.93 - 10.07)                      |
| Region 5                                                  | 6.03                | (4.35 - 8.28)                         | 14.73               | (11.42 - 18.79)                       | 4.92              | (3.60 - 6.70)                       | 6.27              | (4.88 - 8.01)                       |
| <b>Tennessee</b>                                          | 5.90                | (4.74 - 7.34)                         | 16.52               | (14.09 - 19.28)                       | 5.56              | (4.52 - 6.83)                       | 7.10              | (6.03 - 8.34)                       |
| Region 1                                                  | 5.57                | (3.82 - 8.05)                         | 14.38               | (10.49 - 19.39)                       | 4.57              | (3.08 - 6.75)                       | 5.79              | (4.17 - 7.98)                       |
| Region 2                                                  | 5.80                | (4.06 - 8.22)                         | 14.89               | (11.12 - 19.66)                       | 5.05              | (3.60 - 7.04)                       | 6.34              | (4.79 - 8.34)                       |
| Region 3                                                  | 5.56                | (3.93 - 7.82)                         | 14.75               | (11.05 - 19.41)                       | 4.57              | (3.24 - 6.42)                       | 5.94              | (4.47 - 7.85)                       |
| Region 4 (Davidson)                                       | 6.38                | (4.34 - 9.29)                         | *                   | (* - *)                               | 7.87              | (5.50 - 11.13)                      | 9.90              | (7.37 - 13.16)                      |
| Region 5                                                  | 6.70                | (4.85 - 9.21)                         | 18.31               | (14.10 - 23.44)                       | 6.31              | (4.60 - 8.58)                       | 8.00              | (6.20 - 10.27)                      |
| Region 6                                                  | 5.44                | (3.70 - 7.93)                         | 14.67               | (10.69 - 19.80)                       | 4.84              | (3.28 - 7.09)                       | 6.23              | (4.51 - 8.55)                       |
| Region 7 (Shelby)                                         | 5.13                | (3.58 - 7.31)                         | 16.07               | (11.99 - 21.20)                       | 5.49              | (3.81 - 7.84)                       | 7.17              | (5.34 - 9.57)                       |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 6.36                | (5.52 - 7.32)                         | 15.00               | (13.57 - 16.54)                       | 4.37              | (3.81 - 5.01)                       | 6.02              | (5.45 - 6.65)                       |
| Region 1                                                    | 5.92                | (4.17 - 8.35)                         | 13.78               | (10.14 - 18.46)                       | 4.32              | (3.08 - 6.04)                       | 5.96              | (4.48 - 7.90)                       |
| Region 2                                                    | 6.62                | (4.71 - 9.24)                         | 18.03               | (13.42 - 23.77)                       | 5.38              | (3.76 - 7.63)                       | 7.37              | (5.50 - 9.81)                       |
| Region 3                                                    | 6.24                | (5.10 - 7.60)                         | 14.53               | (12.49 - 16.83)                       | 4.29              | (3.54 - 5.19)                       | 5.79              | (5.01 - 6.68)                       |
| Region 3a                                                   | 5.98                | (4.64 - 7.66)                         | 14.30               | (11.78 - 17.27)                       | 4.10              | (3.21 - 5.22)                       | 5.59              | (4.65 - 6.70)                       |
| Region 3bc                                                  | 6.71                | (5.09 - 8.78)                         | 14.92               | (11.89 - 18.56)                       | 4.64              | (3.55 - 6.03)                       | 6.14              | (4.96 - 7.57)                       |
| Region 4                                                    | 5.65                | (4.00 - 7.93)                         | 14.97               | (11.32 - 19.54)                       | 4.16              | (3.01 - 5.73)                       | 5.65              | (4.33 - 7.34)                       |
| Region 5                                                    | 6.17                | (4.36 - 8.65)                         | 17.46               | (13.10 - 22.87)                       | 5.37              | (3.82 - 7.49)                       | 7.15              | (5.39 - 9.45)                       |
| Region 6                                                    | 6.33                | (5.01 - 7.98)                         | 15.08               | (12.55 - 18.02)                       | 4.32              | (3.46 - 5.38)                       | 5.94              | (5.00 - 7.04)                       |
| Region 6a                                                   | 6.36                | (4.95 - 8.13)                         | 15.09               | (12.39 - 18.25)                       | 4.31              | (3.40 - 5.45)                       | 5.95              | (4.96 - 7.13)                       |
| Region 6bc                                                  | 6.10                | (4.24 - 8.69)                         | 15.03               | (11.03 - 20.15)                       | 4.39              | (3.01 - 6.36)                       | 5.85              | (4.28 - 7.96)                       |
| Region 7                                                    | 7.25                | (5.68 - 9.21)                         | 19.84               | (16.68 - 23.44)                       | 6.19              | (4.93 - 7.74)                       | 8.54              | (7.18 - 10.13)                      |
| Region 7a                                                   | 7.78                | (5.75 - 10.44)                        | 22.42               | (18.04 - 27.51)                       | 6.76              | (5.14 - 8.85)                       | 9.17              | (7.40 - 11.32)                      |
| Region 7bcd                                                 | 6.28                | (4.55 - 8.61)                         | 16.42               | (12.63 - 21.07)                       | 5.12              | (3.74 - 6.97)                       | 7.42              | (5.80 - 9.45)                       |
| Region 8                                                    | 6.30                | (4.68 - 8.44)                         | 13.79               | (10.86 - 17.35)                       | 3.56              | (2.64 - 4.78)                       | 5.15              | (4.09 - 6.47)                       |
| Region 9                                                    | 7.31                | (5.11 - 10.36)                        | 16.03               | (11.85 - 21.35)                       | 5.05              | (3.48 - 7.27)                       | 6.78              | (4.99 - 9.16)                       |
| Region 10                                                   | 6.40                | (4.52 - 8.99)                         | 12.21               | (8.86 - 16.59)                        | 3.21              | (2.20 - 4.67)                       | 4.79              | (3.52 - 6.48)                       |
| Region 11                                                   | 6.03                | (4.67 - 7.76)                         | 9.78                | (7.72 - 12.33)                        | 2.81              | (2.07 - 3.79)                       | 4.01              | (3.17 - 5.05)                       |
| Region 11abd                                                | 5.81                | (4.23 - 7.95)                         | 10.17               | (7.60 - 13.48)                        | 2.77              | (1.92 - 3.98)                       | 4.01              | (3.01 - 5.31)                       |
| Region 11c (Hidalgo)                                        | 6.36                | (4.48 - 8.95)                         | 9.17                | (6.59 - 12.63)                        | 2.87              | (1.90 - 4.30)                       | 4.01              | (2.88 - 5.55)                       |
| <b>Utah</b>                                                 | 4.46                | (3.52 - 5.63)                         | 12.29               | (10.31 - 14.58)                       | 3.86              | (3.08 - 4.84)                       | 5.42              | (4.58 - 6.41)                       |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | 4.38                | (2.96 - 6.43)                         | 11.92               | (8.33 - 16.78)                        | 3.76              | (2.51 - 5.60)                       | 5.32              | (3.80 - 7.41)                       |
| Central, Four Corners, San<br>Juan, and Southwest           | 4.38                | (3.11 - 6.15)                         | 11.36               | (8.40 - 15.20)                        | 3.09              | (2.17 - 4.40)                       | 4.56              | (3.42 - 6.06)                       |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | 3.18              | (2.05 - 4.92)                       | 4.39              | (3.02 - 6.33)                       |
| Southwest                                                   | 4.43                | (2.92 - 6.67)                         | 12.10               | (8.36 - 17.21)                        | 3.04              | (1.96 - 4.69)                       | 4.66              | (3.27 - 6.62)                       |
| Davis County                                                | 4.18                | (2.81 - 6.18)                         | 11.37               | (7.75 - 16.38)                        | 3.34              | (2.16 - 5.13)                       | 4.71              | (3.27 - 6.74)                       |
| Salt Lake County                                            | 5.28                | (3.82 - 7.26)                         | 15.91               | (12.70 - 19.75)                       | 4.87              | (3.70 - 6.40)                       | 6.66              | (5.40 - 8.20)                       |
| Utah County                                                 | 3.52                | (2.40 - 5.13)                         | 9.08                | (6.50 - 12.56)                        | 2.87              | (1.93 - 4.24)                       | 4.44              | (3.27 - 6.01)                       |
| Weber, Morgan                                               | 3.87                | (2.59 - 5.75)                         | 10.04               | (7.00 - 14.20)                        | 3.07              | (2.02 - 4.63)                       | 4.23              | (2.99 - 5.95)                       |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 10.24               | (8.50 - 12.29)                        | 37.25               | (33.28 - 41.40)                       | 13.19             | (11.41 - 15.20)                     | 16.77             | (15.05 - 18.64)                     |
| Champlain Valley                      | 10.08               | (7.79 - 12.94)                        | 41.49               | (36.19 - 47.00)                       | 13.70             | (11.23 - 16.61)                     | 18.54             | (16.12 - 21.23)                     |
| Rural Northeast                       | 11.12               | (8.32 - 14.71)                        | *                   | (* - *)                               | 14.14             | (11.00 - 17.99)                     | 17.09             | (13.96 - 20.76)                     |
| Rural Southeast                       | 10.00               | (7.44 - 13.33)                        | *                   | (* - *)                               | 12.45             | (9.71 - 15.83)                      | 14.83             | (12.05 - 18.13)                     |
| Rural Southwest                       | 9.54                | (6.89 - 13.08)                        | *                   | (* - *)                               | 11.50             | (8.70 - 15.05)                      | 14.28             | (11.35 - 17.81)                     |
| <b>Virginia</b>                       | 5.17                | (4.24 - 6.28)                         | 17.71               | (15.71 - 19.92)                       | 4.91              | (4.12 - 5.83)                       | 6.72              | (5.94 - 7.59)                       |
| Region 1                              | 5.18                | (3.68 - 7.23)                         | 17.72               | (13.87 - 22.37)                       | 4.81              | (3.53 - 6.53)                       | 6.84              | (5.41 - 8.61)                       |
| Region 2                              | 4.78                | (3.54 - 6.43)                         | 13.56               | (10.62 - 17.17)                       | 4.08              | (3.08 - 5.40)                       | 5.20              | (4.14 - 6.51)                       |
| Region 3                              | 5.12                | (3.67 - 7.09)                         | 17.37               | (13.91 - 21.49)                       | 5.16              | (3.83 - 6.92)                       | 6.96              | (5.55 - 8.69)                       |
| Region 4                              | 5.49                | (3.99 - 7.52)                         | 20.09               | (15.99 - 24.94)                       | 5.63              | (4.21 - 7.48)                       | 7.71              | (6.16 - 9.60)                       |
| Region 5                              | 5.47                | (4.08 - 7.31)                         | 20.23               | (16.50 - 24.54)                       | 5.31              | (4.02 - 6.97)                       | 7.64              | (6.23 - 9.34)                       |
| <b>Washington</b>                     | 8.47                | (6.92 - 10.32)                        | 22.60               | (19.77 - 25.71)                       | 10.98             | (9.35 - 12.86)                      | 12.58             | (11.03 - 14.31)                     |
| Region 1                              | 8.57                | (6.44 - 11.32)                        | 20.13               | (16.33 - 24.57)                       | 10.23             | (7.96 - 13.06)                      | 11.81             | (9.55 - 14.51)                      |
| Greater Columbia and North<br>Central | 7.83                | (5.50 - 11.03)                        | 17.26               | (13.10 - 22.42)                       | 8.66              | (6.27 - 11.84)                      | 10.13             | (7.72 - 13.19)                      |
| Spokane                               | 9.83                | (6.90 - 13.82)                        | *                   | (* - *)                               | 12.43             | (9.02 - 16.90)                      | 14.25             | (10.78 - 18.59)                     |
| Region 2                              | 8.15                | (6.33 - 10.45)                        | 23.67               | (19.90 - 27.91)                       | 11.07             | (9.11 - 13.41)                      | 12.70             | (10.77 - 14.91)                     |
| King                                  | 7.67                | (5.62 - 10.39)                        | 23.59               | (18.96 - 28.95)                       | 10.82             | (8.57 - 13.56)                      | 12.41             | (10.19 - 15.02)                     |
| North Sound                           | 8.92                | (6.39 - 12.33)                        | 23.80               | (18.75 - 29.70)                       | 11.54             | (8.68 - 15.19)                      | 13.21             | (10.38 - 16.68)                     |
| Region 3                              | 8.81                | (6.96 - 11.08)                        | 23.08               | (19.52 - 27.08)                       | 11.34             | (9.23 - 13.85)                      | 12.93             | (10.88 - 15.29)                     |
| Pierce                                | 9.10                | (6.60 - 12.41)                        | 23.24               | (18.44 - 28.86)                       | 12.60             | (9.63 - 16.32)                      | 14.15             | (11.26 - 17.63)                     |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | 10.61             | (7.44 - 14.92)                      | 12.31             | (9.03 - 16.56)                      |
| SW WA and Great Rivers                | 8.66                | (6.07 - 12.21)                        | *                   | (* - *)                               | 10.47             | (7.50 - 14.42)                      | 11.98             | (8.98 - 15.81)                      |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 12.66             | (9.15 - 17.27)                      |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 5.82                | (4.68 - 7.22)                         | 17.31               | (14.93 - 19.97)                       | 5.42              | (4.42 - 6.64)                       | 6.96              | (5.95 - 8.13)                       |
| Region I                      | 5.26                | (3.56 - 7.72)                         | *                   | (* - *)                               | 4.70              | (3.08 - 7.10)                       | 5.95              | (4.16 - 8.46)                       |
| Region II                     | 5.68                | (4.04 - 7.94)                         | 15.07               | (11.08 - 20.18)                       | 5.30              | (3.74 - 7.47)                       | 6.56              | (4.89 - 8.75)                       |
| Region III                    | 5.56                | (3.79 - 8.08)                         | 14.63               | (10.54 - 19.95)                       | 5.31              | (3.63 - 7.71)                       | 6.35              | (4.55 - 8.78)                       |
| Region IV                     | 5.92                | (4.28 - 8.13)                         | 20.65               | (16.49 - 25.53)                       | 5.71              | (4.22 - 7.69)                       | 8.22              | (6.56 - 10.26)                      |
| Region V                      | 6.47                | (4.68 - 8.89)                         | 19.10               | (15.07 - 23.89)                       | 6.24              | (4.62 - 8.39)                       | 7.76              | (6.08 - 9.85)                       |
| Region VI                     | 5.17                | (3.61 - 7.35)                         | 12.73               | (9.53 - 16.81)                        | 4.29              | (3.02 - 6.08)                       | 5.25              | (3.91 - 7.00)                       |
| <b>Wisconsin</b>              | 7.32                | (6.03 - 8.86)                         | 16.86               | (14.51 - 19.50)                       | 5.76              | (4.70 - 7.03)                       | 7.33              | (6.28 - 8.55)                       |
| Milwaukee                     | 6.90                | (4.90 - 9.63)                         | 17.26               | (13.18 - 22.27)                       | 7.03              | (5.12 - 9.59)                       | 8.74              | (6.72 - 11.28)                      |
| Northeastern                  | 6.82                | (4.93 - 9.34)                         | 13.64               | (10.19 - 18.02)                       | 4.64              | (3.31 - 6.48)                       | 5.82              | (4.39 - 7.69)                       |
| Northern                      | 6.69                | (4.65 - 9.54)                         | 14.46               | (10.38 - 19.79)                       | 5.20              | (3.58 - 7.52)                       | 6.37              | (4.60 - 8.74)                       |
| Southeastern                  | 7.53                | (5.57 - 10.09)                        | 16.60               | (12.62 - 21.51)                       | 5.24              | (3.75 - 7.29)                       | 6.76              | (5.14 - 8.84)                       |
| Southern                      | 8.04                | (5.84 - 10.96)                        | 19.47               | (15.40 - 24.31)                       | 6.69              | (4.92 - 9.04)                       | 8.50              | (6.67 - 10.78)                      |
| Western                       | 7.72                | (5.49 - 10.77)                        | 18.83               | (14.37 - 24.28)                       | 5.89              | (4.15 - 8.32)                       | 7.87              | (5.96 - 10.32)                      |
| <b>Wyoming</b>                | 6.06                | (4.88 - 7.49)                         | 15.70               | (13.31 - 18.43)                       | 4.96              | (3.96 - 6.20)                       | 6.50              | (5.48 - 7.70)                       |
| Judicial District 1 (Laramie) | 7.29                | (5.13 - 10.27)                        | 17.90               | (13.33 - 23.61)                       | 5.54              | (3.95 - 7.72)                       | 7.18              | (5.45 - 9.42)                       |
| Judicial District 2           | 6.18                | (4.24 - 8.93)                         | 17.06               | (13.03 - 22.01)                       | 5.80              | (4.03 - 8.27)                       | 8.83              | (6.80 - 11.41)                      |
| Judicial District 3           | 5.06                | (3.51 - 7.24)                         | 12.13               | (8.65 - 16.76)                        | 4.28              | (2.90 - 6.28)                       | 5.36              | (3.86 - 7.39)                       |
| Judicial District 4           | 5.81                | (3.89 - 8.60)                         | *                   | (* - *)                               | 4.42              | (2.87 - 6.75)                       | 5.68              | (3.95 - 8.13)                       |
| Judicial District 5           | 5.04                | (3.37 - 7.46)                         | 12.59               | (8.76 - 17.76)                        | 3.34              | (2.17 - 5.09)                       | 4.47              | (3.11 - 6.37)                       |
| Judicial District 6           | 5.45                | (3.80 - 7.74)                         | 14.09               | (10.29 - 18.99)                       | 4.37              | (2.95 - 6.44)                       | 5.72              | (4.15 - 7.82)                       |
| Judicial District 7 (Natrona) | 6.11                | (4.29 - 8.62)                         | 17.00               | (12.55 - 22.61)                       | 5.23              | (3.61 - 7.52)                       | 6.79              | (5.01 - 9.14)                       |
| Judicial District 8           | 6.02                | (4.13 - 8.71)                         | *                   | (* - *)                               | 4.44              | (2.93 - 6.69)                       | 5.76              | (4.08 - 8.08)                       |
| Judicial District 9           | 7.15                | (4.91 - 10.32)                        | *                   | (* - *)                               | 6.38              | (4.49 - 9.00)                       | 7.74              | (5.74 - 10.36)                      |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs*

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 5.31                | (5.12 - 5.51)                         | 7.81                | (7.47 - 8.17)                         | 0.35              | (0.31 - 0.39)                       | 1.38              | (1.32 - 1.44)                       |
| <b>Northeast</b>           | 5.40                | (5.08 - 5.74)                         | 8.78                | (8.21 - 9.38)                         | 0.39              | (0.33 - 0.46)                       | 1.51              | (1.41 - 1.62)                       |
| <b>Midwest</b>             | 5.23                | (4.96 - 5.51)                         | 8.22                | (7.76 - 8.70)                         | 0.34              | (0.29 - 0.39)                       | 1.45              | (1.36 - 1.54)                       |
| <b>South</b>               | 4.99                | (4.75 - 5.24)                         | 6.83                | (6.47 - 7.21)                         | 0.27              | (0.23 - 0.32)                       | 1.16              | (1.09 - 1.23)                       |
| <b>West</b>                | 5.86                | (5.52 - 6.22)                         | 8.39                | (7.83 - 8.99)                         | 0.47              | (0.39 - 0.55)                       | 1.60              | (1.49 - 1.71)                       |
| <b>Alabama</b>             | 4.18                | (3.47 - 5.02)                         | 6.32                | (5.24 - 7.60)                         | 0.23              | (0.17 - 0.31)                       | 1.05              | (0.90 - 1.24)                       |
| Region 1                   | 3.99                | (2.91 - 5.44)                         | 6.48                | (4.75 - 8.78)                         | 0.24              | (0.16 - 0.35)                       | 1.01              | (0.79 - 1.29)                       |
| Region 2                   | 4.36                | (3.23 - 5.85)                         | 7.41                | (5.47 - 9.96)                         | 0.23              | (0.15 - 0.33)                       | 1.20              | (0.93 - 1.55)                       |
| Region 3                   | 3.50                | (2.44 - 4.98)                         | 5.69                | (4.17 - 7.72)                         | 0.21              | (0.14 - 0.31)                       | 1.11              | (0.85 - 1.43)                       |
| Region 4                   | 4.71                | (3.45 - 6.41)                         | 5.27                | (3.77 - 7.30)                         | 0.23              | (0.16 - 0.35)                       | 0.87              | (0.67 - 1.13)                       |
| <b>Alaska</b>              | 7.62                | (6.50 - 8.90)                         | 10.76               | (8.87 - 12.99)                        | 0.70              | (0.48 - 1.00)                       | 2.41              | (2.02 - 2.87)                       |
| Anchorage                  | 8.34                | (6.65 - 10.40)                        | 11.10               | (8.48 - 14.41)                        | 0.79              | (0.52 - 1.22)                       | 2.52              | (2.00 - 3.17)                       |
| Northern                   | 7.87                | (5.92 - 10.39)                        | 9.67                | (7.04 - 13.13)                        | 0.69              | (0.45 - 1.08)                       | 2.59              | (1.98 - 3.37)                       |
| South Central              | 6.76                | (5.17 - 8.79)                         | 11.18               | (8.03 - 15.36)                        | 0.52              | (0.33 - 0.82)                       | 2.13              | (1.60 - 2.83)                       |
| Southeast                  | 6.43                | (4.35 - 9.39)                         | 11.60               | (7.97 - 16.58)                        | 0.79              | (0.50 - 1.25)                       | 2.26              | (1.67 - 3.06)                       |
| <b>Arizona</b>             | 5.39                | (4.52 - 6.41)                         | 7.94                | (6.56 - 9.57)                         | 0.44              | (0.33 - 0.58)                       | 1.48              | (1.26 - 1.74)                       |
| Central                    | 5.05                | (3.98 - 6.39)                         | 8.30                | (6.48 - 10.57)                        | 0.48              | (0.35 - 0.65)                       | 1.59              | (1.30 - 1.93)                       |
| North                      | 5.40                | (3.71 - 7.80)                         | 7.30                | (4.95 - 10.66)                        | 0.38              | (0.24 - 0.59)                       | 1.25              | (0.92 - 1.70)                       |
| South                      | 6.18                | (4.83 - 7.87)                         | 7.49                | (5.72 - 9.75)                         | 0.39              | (0.28 - 0.55)                       | 1.38              | (1.11 - 1.72)                       |
| South A                    | 5.96                | (4.29 - 8.22)                         | 8.51                | (6.08 - 11.78)                        | 0.45              | (0.30 - 0.66)                       | 1.55              | (1.19 - 2.02)                       |
| South B                    | 6.40                | (4.58 - 8.89)                         | 6.38                | (4.40 - 9.18)                         | *                 | (* - *)                             | 1.20              | (0.90 - 1.60)                       |
| <b>Arkansas</b>            | 4.98                | (4.25 - 5.83)                         | 6.57                | (5.48 - 7.86)                         | 0.28              | (0.21 - 0.37)                       | 1.18              | (1.01 - 1.38)                       |
| Catchment Area 1           | 4.92                | (3.53 - 6.83)                         | 6.91                | (4.94 - 9.60)                         | 0.34              | (0.23 - 0.49)                       | 1.41              | (1.08 - 1.84)                       |
| Catchment Area 2           | 4.61                | (3.16 - 6.67)                         | 5.66                | (3.98 - 7.97)                         | *                 | (* - *)                             | 0.90              | (0.68 - 1.20)                       |
| Catchment Area 3           | 3.53                | (2.45 - 5.05)                         | 5.82                | (4.09 - 8.23)                         | 0.18              | (0.11 - 0.28)                       | 1.00              | (0.74 - 1.34)                       |
| Catchment Area 4           | 4.36                | (3.04 - 6.23)                         | 6.04                | (4.15 - 8.71)                         | *                 | (* - *)                             | 1.01              | (0.76 - 1.36)                       |
| Catchment Area 5           | 5.23                | (3.80 - 7.15)                         | 6.94                | (4.98 - 9.58)                         | 0.32              | (0.22 - 0.46)                       | 1.42              | (1.08 - 1.86)                       |
| Catchment Area 6           | 4.69                | (3.26 - 6.70)                         | 6.32                | (4.38 - 9.04)                         | *                 | (* - *)                             | 1.08              | (0.81 - 1.45)                       |
| Catchment Area 7           | 4.72                | (3.21 - 6.89)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.10              | (0.80 - 1.51)                       |
| Catchment Area 8           | 6.64                | (4.94 - 8.87)                         | 7.33                | (5.03 - 10.55)                        | 0.37              | (0.25 - 0.54)                       | 1.29              | (0.97 - 1.72)                       |

See notes at end of table.

(continued)

**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 5.80                | (5.29 - 6.36)                         | 7.98                | (7.16 - 8.89)                         | 0.43              | (0.33 - 0.55)                       | 1.49              | (1.35 - 1.66)                       |
| Region 1R                   | 7.42                | (5.35 - 10.19)                        | 9.47                | (6.55 - 13.52)                        | 0.67              | (0.46 - 0.98)                       | 2.02              | (1.52 - 2.68)                       |
| Region 2R                   | 5.05                | (3.62 - 7.00)                         | 10.60               | (7.69 - 14.44)                        | 0.35              | (0.24 - 0.52)                       | 1.87              | (1.44 - 2.43)                       |
| Region 3R (Sacramento)      | 6.16                | (4.51 - 8.37)                         | 9.52                | (6.92 - 12.97)                        | 0.49              | (0.33 - 0.71)                       | 1.76              | (1.38 - 2.25)                       |
| Region 4R                   | 7.09                | (5.23 - 9.54)                         | 8.64                | (6.02 - 12.25)                        | 0.56              | (0.39 - 0.80)                       | 1.61              | (1.23 - 2.10)                       |
| Region 5R (San Francisco)   | *                   | (* - *)                               | 12.15               | (8.37 - 17.30)                        | 1.41              | (0.84 - 2.35)                       | 2.42              | (1.74 - 3.34)                       |
| Region 6 (Santa Clara)      | 4.61                | (3.41 - 6.20)                         | 7.54                | (5.51 - 10.22)                        | 0.47              | (0.31 - 0.70)                       | 1.27              | (1.00 - 1.61)                       |
| Region 7R (Contra Costa)    | 5.70                | (4.12 - 7.84)                         | 10.03               | (7.29 - 13.65)                        | 0.50              | (0.35 - 0.71)                       | 1.61              | (1.26 - 2.05)                       |
| Region 8R (Alameda)         | 6.87                | (5.01 - 9.34)                         | 10.00               | (7.21 - 13.71)                        | 0.44              | (0.30 - 0.65)                       | 1.62              | (1.25 - 2.10)                       |
| Region 9R (San Mateo)       | 7.56                | (5.42 - 10.46)                        | 10.44               | (7.18 - 14.94)                        | 0.51              | (0.34 - 0.76)                       | 1.46              | (1.11 - 1.91)                       |
| Region 10                   | 6.74                | (4.89 - 9.22)                         | 9.95                | (7.02 - 13.91)                        | 0.35              | (0.24 - 0.52)                       | 1.77              | (1.36 - 2.32)                       |
| Region 11 (Los Angeles)     | 5.49                | (4.76 - 6.33)                         | 7.65                | (6.56 - 8.91)                         | 0.36              | (0.27 - 0.48)                       | 1.34              | (1.17 - 1.53)                       |
| LA SPA 1 and 5              | 8.23                | (5.90 - 11.37)                        | 10.07               | (7.21 - 13.90)                        | 0.55              | (0.37 - 0.80)                       | 2.02              | (1.55 - 2.64)                       |
| LA SPA 2                    | 5.52                | (4.18 - 7.25)                         | 9.13                | (6.76 - 12.21)                        | 0.37              | (0.25 - 0.52)                       | 1.44              | (1.14 - 1.81)                       |
| LA SPA 3                    | 3.39                | (2.40 - 4.78)                         | 6.05                | (4.25 - 8.53)                         | 0.31              | (0.20 - 0.49)                       | 1.05              | (0.79 - 1.37)                       |
| LA SPA 4                    | 5.00                | (3.41 - 7.26)                         | 7.55                | (5.39 - 10.48)                        | 0.42              | (0.29 - 0.62)                       | 1.33              | (1.03 - 1.72)                       |
| LA SPA 6                    | 6.85                | (4.98 - 9.36)                         | 7.43                | (5.30 - 10.32)                        | 0.28              | (0.19 - 0.43)                       | 1.50              | (1.14 - 1.97)                       |
| LA SPA 7                    | 4.65                | (3.32 - 6.49)                         | 5.93                | (4.18 - 8.34)                         | 0.27              | (0.18 - 0.41)                       | 1.06              | (0.81 - 1.39)                       |
| LA SPA 8                    | 6.39                | (4.78 - 8.50)                         | 8.25                | (6.00 - 11.25)                        | 0.38              | (0.26 - 0.55)                       | 1.38              | (1.08 - 1.76)                       |
| Region 12R                  | 5.89                | (4.15 - 8.30)                         | 7.41                | (5.22 - 10.41)                        | 0.55              | (0.36 - 0.85)                       | 1.58              | (1.21 - 2.05)                       |
| Regions 13 and 19R          | 5.32                | (4.06 - 6.93)                         | 6.37                | (4.84 - 8.36)                         | 0.44              | (0.29 - 0.66)                       | 1.40              | (1.12 - 1.75)                       |
| Region 14 (Orange)          | 4.19                | (3.18 - 5.50)                         | 8.23                | (6.10 - 11.01)                        | 0.34              | (0.22 - 0.51)                       | 1.34              | (1.05 - 1.70)                       |
| Region 15R (Fresno)         | 7.37                | (5.30 - 10.17)                        | 7.08                | (5.20 - 9.58)                         | 0.45              | (0.30 - 0.67)                       | 1.56              | (1.21 - 1.99)                       |
| Region 16R (San Diego)      | 6.43                | (5.03 - 8.18)                         | 7.82                | (5.87 - 10.33)                        | 0.46              | (0.32 - 0.66)                       | 1.65              | (1.31 - 2.07)                       |
| Region 17R                  | 4.64                | (3.47 - 6.18)                         | 6.40                | (4.73 - 8.59)                         | 0.36              | (0.24 - 0.52)                       | 1.38              | (1.08 - 1.76)                       |
| Region 18R (San Bernardino) | 6.55                | (4.97 - 8.59)                         | 6.65                | (4.91 - 8.93)                         | 0.35              | (0.23 - 0.51)                       | 1.41              | (1.10 - 1.79)                       |
| Region 20R                  | 4.95                | (3.42 - 7.13)                         | 5.99                | (4.23 - 8.42)                         | 0.36              | (0.24 - 0.54)                       | 1.29              | (0.99 - 1.70)                       |
| Region 21R                  | 7.35                | (5.32 - 10.08)                        | 10.45               | (7.31 - 14.74)                        | 0.40              | (0.28 - 0.57)                       | 1.95              | (1.47 - 2.58)                       |

See notes at end of table.

(continued)

**Table 3 First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 7.90                | (6.79 - 9.18)                         | 14.38               | (12.04 - 17.10)                       | 0.70              | (0.50 - 0.97)                       | 2.64              | (2.24 - 3.10)                       |
| Region 1                                  | 8.27                | (6.00 - 11.28)                        | 16.46               | (12.00 - 22.15)                       | 0.70              | (0.44 - 1.11)                       | 2.96              | (2.24 - 3.90)                       |
| Region 2                                  | 7.13                | (4.90 - 10.28)                        | 11.74               | (8.10 - 16.74)                        | *                 | (* - *)                             | 2.27              | (1.67 - 3.09)                       |
| Region 3                                  | 8.54                | (6.71 - 10.82)                        | 13.37               | (9.91 - 17.82)                        | 0.60              | (0.39 - 0.93)                       | 2.33              | (1.81 - 2.99)                       |
| Region 4                                  | 5.55                | (3.71 - 8.23)                         | 9.45                | (6.36 - 13.81)                        | *                 | (* - *)                             | 1.77              | (1.29 - 2.43)                       |
| Region 5                                  | 6.53                | (4.55 - 9.30)                         | 16.34               | (11.51 - 22.67)                       | 1.01              | (0.65 - 1.58)                       | 3.00              | (2.25 - 3.98)                       |
| Region 6                                  | 9.02                | (6.87 - 11.77)                        | 16.36               | (11.82 - 22.21)                       | 0.66              | (0.41 - 1.08)                       | 2.98              | (2.25 - 3.93)                       |
| Region 7                                  | 7.54                | (5.46 - 10.33)                        | 14.61               | (10.25 - 20.42)                       | 0.77              | (0.51 - 1.17)                       | 2.95              | (2.22 - 3.91)                       |
| <b>Connecticut</b>                        | 6.22                | (5.26 - 7.33)                         | 9.64                | (7.99 - 11.59)                        | 0.43              | (0.32 - 0.58)                       | 1.63              | (1.38 - 1.92)                       |
| Eastern                                   | 6.01                | (4.25 - 8.43)                         | 9.52                | (6.71 - 13.34)                        | 0.43              | (0.29 - 0.64)                       | 2.03              | (1.52 - 2.71)                       |
| North Central                             | 6.35                | (4.72 - 8.48)                         | 8.98                | (6.47 - 12.35)                        | 0.40              | (0.26 - 0.61)                       | 1.49              | (1.14 - 1.95)                       |
| Northwestern                              | 6.24                | (4.58 - 8.45)                         | 7.85                | (5.46 - 11.18)                        | 0.41              | (0.28 - 0.59)                       | 1.31              | (0.99 - 1.74)                       |
| South Central                             | 6.32                | (4.66 - 8.53)                         | 11.15               | (8.11 - 15.13)                        | 0.43              | (0.28 - 0.64)                       | 1.82              | (1.40 - 2.37)                       |
| Southwest                                 | 6.02                | (4.35 - 8.28)                         | 10.48               | (7.56 - 14.36)                        | 0.49              | (0.34 - 0.73)                       | 1.64              | (1.26 - 2.12)                       |
| <b>Delaware</b>                           | 5.50                | (4.64 - 6.50)                         | 7.77                | (6.39 - 9.42)                         | 0.34              | (0.25 - 0.45)                       | 1.30              | (1.10 - 1.53)                       |
| Kent                                      | 5.45                | (3.99 - 7.40)                         | 7.77                | (5.57 - 10.74)                        | 0.41              | (0.28 - 0.61)                       | 1.48              | (1.14 - 1.92)                       |
| New Castle (excluding<br>Wilmington City) | 5.07                | (3.99 - 6.44)                         | 7.86                | (6.03 - 10.18)                        | 0.32              | (0.22 - 0.45)                       | 1.38              | (1.10 - 1.73)                       |
| Sussex                                    | 5.96                | (4.35 - 8.10)                         | 7.03                | (4.95 - 9.88)                         | 0.31              | (0.21 - 0.46)                       | 0.92              | (0.70 - 1.21)                       |
| Wilmington City                           | 7.36                | (5.10 - 10.51)                        | 8.89                | (5.91 - 13.17)                        | *                 | (* - *)                             | 1.51              | (1.09 - 2.09)                       |
| <b>District of Columbia</b>               | 7.61                | (6.51 - 8.87)                         | 14.18               | (11.81 - 16.93)                       | 0.94              | (0.66 - 1.33)                       | 3.26              | (2.76 - 3.84)                       |
| Ward 1                                    | *                   | (* - *)                               | 19.25               | (13.57 - 26.57)                       | 1.42              | (0.86 - 2.33)                       | 5.08              | (3.74 - 6.88)                       |
| Ward 2                                    | *                   | (* - *)                               | 16.67               | (11.88 - 22.90)                       | 1.36              | (0.87 - 2.13)                       | 5.76              | (4.30 - 7.66)                       |
| Ward 3                                    | 5.94                | (4.10 - 8.52)                         | 16.31               | (11.33 - 22.92)                       | 1.49              | (0.88 - 2.50)                       | 3.97              | (2.94 - 5.33)                       |
| Ward 4                                    | 6.90                | (4.83 - 9.76)                         | 9.08                | (6.04 - 13.44)                        | 0.64              | (0.40 - 1.01)                       | 1.57              | (1.15 - 2.13)                       |
| Ward 5                                    | 9.44                | (6.94 - 12.72)                        | 12.33               | (8.35 - 17.84)                        | 0.61              | (0.38 - 0.97)                       | 2.56              | (1.89 - 3.45)                       |
| Ward 6                                    | 7.40                | (5.31 - 10.23)                        | 12.09               | (8.57 - 16.80)                        | 1.10              | (0.70 - 1.75)                       | 2.68              | (2.01 - 3.55)                       |
| Ward 7                                    | 7.74                | (5.63 - 10.54)                        | 11.65               | (8.03 - 16.60)                        | 0.49              | (0.29 - 0.82)                       | 2.20              | (1.63 - 2.96)                       |
| Ward 8                                    | 7.05                | (5.34 - 9.25)                         | 12.55               | (8.67 - 17.82)                        | 0.65              | (0.39 - 1.07)                       | 2.79              | (2.07 - 3.75)                       |

See notes at end of table.

(continued)



**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 5.59                | (5.05 - 6.19)                         | 7.14                | (6.35 - 8.02)                         | 0.29              | (0.23 - 0.37)                       | 1.08              | (0.96 - 1.20)                       |
| Broward (Circuit 17)                                                    | 4.09                | (2.99 - 5.57)                         | 7.33                | (5.43 - 9.83)                         | 0.25              | (0.17 - 0.35)                       | 1.04              | (0.81 - 1.32)                       |
| Central I                                                               | 4.98                | (4.06 - 6.10)                         | 7.14                | (5.75 - 8.84)                         | 0.39              | (0.29 - 0.52)                       | 1.32              | (1.10 - 1.58)                       |
| Circuit 9                                                               | 4.92                | (3.80 - 6.34)                         | 6.86                | (5.28 - 8.87)                         | 0.44              | (0.31 - 0.62)                       | 1.43              | (1.15 - 1.77)                       |
| Circuit 18                                                              | 5.08                | (3.75 - 6.85)                         | 7.75                | (5.54 - 10.74)                        | 0.31              | (0.22 - 0.44)                       | 1.14              | (0.88 - 1.48)                       |
| Central II                                                              | 5.80                | (4.98 - 6.74)                         | 7.23                | (6.09 - 8.56)                         | 0.25              | (0.19 - 0.34)                       | 0.95              | (0.82 - 1.11)                       |
| Circuit 6                                                               | 6.71                | (5.12 - 8.74)                         | 8.18                | (5.94 - 11.17)                        | 0.32              | (0.22 - 0.45)                       | 1.04              | (0.82 - 1.33)                       |
| Circuit 10                                                              | 5.09                | (3.72 - 6.92)                         | 5.26                | (3.79 - 7.26)                         | 0.21              | (0.14 - 0.31)                       | 0.81              | (0.62 - 1.04)                       |
| Circuit 12                                                              | 6.50                | (4.61 - 9.07)                         | 8.17                | (5.60 - 11.77)                        | *                 | (* - *)                             | 0.86              | (0.65 - 1.14)                       |
| Circuit 13 (Hillsborough)                                               | 5.77                | (4.41 - 7.51)                         | 7.66                | (5.75 - 10.12)                        | 0.24              | (0.16 - 0.36)                       | 1.18              | (0.93 - 1.51)                       |
| Circuit 20                                                              | 4.90                | (3.50 - 6.82)                         | 6.78                | (4.75 - 9.58)                         | 0.24              | (0.17 - 0.34)                       | 0.80              | (0.61 - 1.03)                       |
| Northeast                                                               | 6.42                | (5.42 - 7.60)                         | 7.63                | (6.27 - 9.25)                         | 0.32              | (0.24 - 0.43)                       | 1.19              | (1.01 - 1.40)                       |
| Circuit 4                                                               | 4.70                | (3.46 - 6.36)                         | 7.81                | (5.63 - 10.75)                        | 0.39              | (0.27 - 0.56)                       | 1.37              | (1.06 - 1.75)                       |
| Circuit 5                                                               | 7.38                | (5.41 - 9.98)                         | 6.73                | (4.79 - 9.38)                         | 0.26              | (0.17 - 0.39)                       | 0.80              | (0.62 - 1.05)                       |
| Circuit 7                                                               | 7.43                | (5.54 - 9.89)                         | 7.55                | (5.35 - 10.57)                        | *                 | (* - *)                             | 1.09              | (0.83 - 1.44)                       |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | 7.43                | (5.24 - 10.43)                        | 8.32                | (5.77 - 11.84)                        | *                 | (* - *)                             | 1.86              | (1.39 - 2.49)                       |
| Northwest                                                               | 7.99                | (6.42 - 9.90)                         | 10.10               | (8.10 - 12.53)                        | 0.45              | (0.33 - 0.61)                       | 1.95              | (1.62 - 2.36)                       |
| Circuit 1                                                               | 8.51                | (6.28 - 11.44)                        | 8.75                | (6.38 - 11.90)                        | 0.46              | (0.31 - 0.68)                       | 1.65              | (1.28 - 2.12)                       |
| Circuit 2 plus Madison and<br>Taylor                                    | 7.57                | (5.30 - 10.70)                        | 12.26               | (8.95 - 16.57)                        | *                 | (* - *)                             | 2.88              | (2.19 - 3.78)                       |
| Circuit 14                                                              | *                   | (* - *)                               | 8.50                | (5.74 - 12.43)                        | *                 | (* - *)                             | 1.33              | (0.98 - 1.80)                       |
| South (Circuits 11 and 16)                                              | 4.55                | (3.55 - 5.81)                         | 4.73                | (3.59 - 6.22)                         | 0.21              | (0.13 - 0.34)                       | 0.72              | (0.57 - 0.91)                       |
| Southeast                                                               | 5.72                | (4.56 - 7.15)                         | 7.55                | (5.87 - 9.66)                         | 0.33              | (0.24 - 0.45)                       | 1.02              | (0.84 - 1.24)                       |
| Circuit 15 (Palm Beach)                                                 | 5.36                | (4.02 - 7.11)                         | 7.33                | (5.33 - 10.00)                        | 0.35              | (0.24 - 0.50)                       | 1.02              | (0.80 - 1.29)                       |
| Circuit 19                                                              | 6.51                | (4.72 - 8.92)                         | 8.07                | (5.68 - 11.34)                        | *                 | (* - *)                             | 1.02              | (0.78 - 1.34)                       |
| <b>Georgia</b>                                                          | 4.69                | (4.04 - 5.44)                         | 7.14                | (6.09 - 8.35)                         | 0.27              | (0.20 - 0.35)                       | 1.24              | (1.08 - 1.42)                       |
| Region 1                                                                | 3.75                | (2.83 - 4.96)                         | 6.83                | (5.13 - 9.04)                         | 0.24              | (0.16 - 0.34)                       | 1.07              | (0.84 - 1.35)                       |
| Region 2                                                                | 4.54                | (3.35 - 6.11)                         | 6.99                | (5.13 - 9.48)                         | 0.23              | (0.16 - 0.33)                       | 1.32              | (1.01 - 1.71)                       |
| Region 3                                                                | 5.56                | (4.39 - 7.01)                         | 8.84                | (6.83 - 11.37)                        | 0.36              | (0.26 - 0.50)                       | 1.45              | (1.19 - 1.78)                       |
| Region 4                                                                | 5.00                | (3.51 - 7.10)                         | 5.88                | (4.01 - 8.53)                         | *                 | (* - *)                             | 1.14              | (0.84 - 1.56)                       |
| Region 5                                                                | 4.51                | (3.25 - 6.24)                         | 6.16                | (4.45 - 8.46)                         | 0.23              | (0.16 - 0.33)                       | 1.20              | (0.92 - 1.56)                       |
| Region 6                                                                | 4.85                | (3.57 - 6.57)                         | 6.28                | (4.53 - 8.65)                         | 0.22              | (0.15 - 0.32)                       | 1.10              | (0.85 - 1.43)                       |

See notes at end of table.

(continued)

**Table 3 First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 6.54                | (5.53 - 7.71)                         | 6.94                | (5.60 - 8.57)                         | 0.44              | (0.30 - 0.66)                       | 1.25              | (1.03 - 1.52)                       |
| Hawaii Island                   | 8.93                | (6.65 - 11.89)                        | 9.03                | (6.27 - 12.83)                        | 0.81              | (0.49 - 1.34)                       | 1.84              | (1.36 - 2.47)                       |
| Honolulu                        | 5.94                | (4.80 - 7.33)                         | 6.50                | (5.01 - 8.40)                         | 0.38              | (0.24 - 0.60)                       | 1.16              | (0.92 - 1.45)                       |
| Kauai                           | 10.00               | (6.98 - 14.13)                        | 9.22                | (6.01 - 13.87)                        | *                 | (* - *)                             | 1.42              | (1.00 - 2.01)                       |
| Maui                            | 5.94                | (4.17 - 8.38)                         | 7.07                | (4.73 - 10.46)                        | 0.48              | (0.30 - 0.77)                       | 1.24              | (0.91 - 1.69)                       |
| <b>Idaho</b>                    | 5.17                | (4.40 - 6.07)                         | 6.76                | (5.65 - 8.06)                         | 0.34              | (0.26 - 0.46)                       | 1.32              | (1.13 - 1.54)                       |
| Region 1                        | 6.62                | (4.67 - 9.32)                         | 6.73                | (4.64 - 9.67)                         | 0.37              | (0.24 - 0.57)                       | 1.15              | (0.85 - 1.53)                       |
| Region 2                        | *                   | (* - *)                               | 7.83                | (5.37 - 11.29)                        | *                 | (* - *)                             | 1.76              | (1.30 - 2.39)                       |
| Region 3                        | 4.18                | (3.02 - 5.74)                         | 5.70                | (4.10 - 7.88)                         | 0.26              | (0.18 - 0.38)                       | 1.06              | (0.81 - 1.38)                       |
| Region 4                        | 7.08                | (5.44 - 9.16)                         | 9.67                | (7.19 - 12.90)                        | 0.46              | (0.31 - 0.68)                       | 1.69              | (1.32 - 2.16)                       |
| Region 5                        | 4.31                | (3.07 - 6.00)                         | 5.49                | (3.85 - 7.78)                         | 0.33              | (0.23 - 0.47)                       | 1.05              | (0.80 - 1.37)                       |
| Region 6                        | 3.85                | (2.58 - 5.69)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.19              | (0.87 - 1.63)                       |
| Region 7                        | 3.15                | (2.19 - 4.50)                         | 5.34                | (3.85 - 7.37)                         | 0.27              | (0.17 - 0.42)                       | 1.27              | (0.96 - 1.68)                       |
| <b>Illinois</b>                 | 4.83                | (4.29 - 5.44)                         | 7.99                | (7.01 - 9.08)                         | 0.29              | (0.23 - 0.37)                       | 1.32              | (1.17 - 1.50)                       |
| Region 1 (Cook)                 | 5.32                | (4.53 - 6.24)                         | 8.18                | (6.90 - 9.68)                         | 0.31              | (0.22 - 0.42)                       | 1.31              | (1.12 - 1.52)                       |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.30              | (0.98 - 1.73)                       |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.96              | (0.71 - 1.30)                       |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 2.09              | (1.52 - 2.87)                       |
| Region 1.4 (West Side)          | 5.64                | (3.84 - 8.22)                         | 7.81                | (5.49 - 11.02)                        | *                 | (* - *)                             | 1.53              | (1.15 - 2.04)                       |
| Region 1.5 (South Side)         | 8.34                | (5.96 - 11.55)                        | 10.03               | (6.85 - 14.45)                        | *                 | (* - *)                             | 1.60              | (1.16 - 2.20)                       |
| Region 1.6 (Southwest Side)     | 4.44                | (3.03 - 6.47)                         | 6.85                | (4.76 - 9.75)                         | *                 | (* - *)                             | 1.11              | (0.83 - 1.49)                       |
| Region 1.7 (Suburban Cook)      | 4.79                | (3.80 - 6.03)                         | 7.75                | (5.92 - 10.07)                        | 0.27              | (0.19 - 0.39)                       | 1.14              | (0.91 - 1.43)                       |
| Region 2                        | 4.67                | (3.92 - 5.56)                         | 7.88                | (6.51 - 9.51)                         | 0.31              | (0.24 - 0.41)                       | 1.36              | (1.15 - 1.60)                       |
| Region 2a (DuPage)              | 4.68                | (3.40 - 6.39)                         | 8.24                | (5.89 - 11.42)                        | 0.37              | (0.25 - 0.54)                       | 1.37              | (1.05 - 1.78)                       |
| Region 2b                       | 4.40                | (3.43 - 5.62)                         | 7.47                | (5.71 - 9.72)                         | 0.28              | (0.20 - 0.39)                       | 1.31              | (1.04 - 1.65)                       |
| Region 2c (Winnebago)           | 5.09                | (3.45 - 7.45)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.38              | (1.04 - 1.84)                       |
| Region 2d                       | 5.58                | (4.06 - 7.62)                         | 8.68                | (6.24 - 11.95)                        | *                 | (* - *)                             | 1.49              | (1.14 - 1.96)                       |
| Region 3                        | 4.46                | (3.40 - 5.83)                         | 8.78                | (6.91 - 11.11)                        | 0.26              | (0.19 - 0.37)                       | 1.58              | (1.29 - 1.95)                       |
| Region 3a (Champaign)           | *                   | (* - *)                               | 9.66                | (6.83 - 13.51)                        | *                 | (* - *)                             | 2.91              | (2.16 - 3.92)                       |
| Region 3b                       | 4.39                | (3.24 - 5.91)                         | 8.50                | (6.38 - 11.24)                        | 0.24              | (0.17 - 0.35)                       | 1.37              | (1.07 - 1.74)                       |
| Region 4                        | 4.56                | (3.46 - 5.98)                         | 6.86                | (5.13 - 9.11)                         | 0.24              | (0.17 - 0.34)                       | 1.09              | (0.86 - 1.38)                       |
| Region 4a (Sangamon)            | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.24              | (0.91 - 1.68)                       |
| Region 4b                       | 4.46                | (3.20 - 6.18)                         | 6.53                | (4.60 - 9.18)                         | 0.22              | (0.15 - 0.34)                       | 1.05              | (0.79 - 1.39)                       |
| Region 5                        | 3.99                | (3.08 - 5.16)                         | 7.29                | (5.61 - 9.43)                         | 0.26              | (0.18 - 0.36)                       | 1.18              | (0.94 - 1.46)                       |
| Region 5a                       | 3.71                | (2.58 - 5.30)                         | 8.09                | (5.53 - 11.68)                        | *                 | (* - *)                             | 1.23              | (0.91 - 1.67)                       |
| Region 5b                       | 4.24                | (3.01 - 5.93)                         | 6.70                | (4.82 - 9.23)                         | 0.26              | (0.17 - 0.39)                       | 1.13              | (0.86 - 1.48)                       |

See notes at end of table.

(continued)

**Table 3 First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 5.79                | (4.94 - 6.77)                         | 8.67                | (7.28 - 10.29)                        | 0.37              | (0.28 - 0.48)                       | 1.58              | (1.35 - 1.84)                       |
| Central                                     | 6.07                | (4.57 - 8.02)                         | 7.19                | (5.23 - 9.82)                         | 0.41              | (0.29 - 0.57)                       | 1.34              | (1.05 - 1.71)                       |
| East                                        | 5.66                | (3.90 - 8.14)                         | 8.79                | (6.11 - 12.48)                        | *                 | (* - *)                             | 1.55              | (1.14 - 2.10)                       |
| North Central                               | 5.79                | (4.15 - 8.03)                         | 9.83                | (6.98 - 13.69)                        | 0.37              | (0.25 - 0.53)                       | 1.67              | (1.26 - 2.21)                       |
| Northeast                                   | 5.49                | (3.80 - 7.86)                         | 9.39                | (6.62 - 13.15)                        | 0.49              | (0.32 - 0.73)                       | 1.71              | (1.29 - 2.26)                       |
| Northwest                                   | 5.61                | (3.95 - 7.90)                         | 7.70                | (5.33 - 10.99)                        | *                 | (* - *)                             | 1.35              | (1.00 - 1.82)                       |
| Southeast                                   | 5.12                | (3.65 - 7.15)                         | 8.86                | (6.17 - 12.58)                        | *                 | (* - *)                             | 1.29              | (0.96 - 1.74)                       |
| Southwest                                   | *                   | (* - *)                               | 8.59                | (5.93 - 12.27)                        | *                 | (* - *)                             | 1.44              | (1.06 - 1.95)                       |
| West                                        | 6.34                | (4.25 - 9.34)                         | 10.04               | (6.90 - 14.39)                        | *                 | (* - *)                             | 2.56              | (1.85 - 3.53)                       |
| <b>Iowa</b>                                 | 4.15                | (3.49 - 4.93)                         | 7.93                | (6.63 - 9.46)                         | 0.26              | (0.19 - 0.35)                       | 1.35              | (1.15 - 1.58)                       |
| Central                                     | 5.63                | (4.08 - 7.72)                         | 7.33                | (5.27 - 10.11)                        | 0.32              | (0.21 - 0.48)                       | 1.32              | (1.01 - 1.72)                       |
| North Central                               | 4.00                | (2.76 - 5.76)                         | 8.35                | (6.01 - 11.49)                        | *                 | (* - *)                             | 1.67              | (1.26 - 2.20)                       |
| Northeast                                   | 3.39                | (2.41 - 4.73)                         | 8.38                | (6.21 - 11.20)                        | 0.23              | (0.15 - 0.35)                       | 1.38              | (1.06 - 1.78)                       |
| Northwest                                   | 4.11                | (2.87 - 5.84)                         | 6.71                | (4.71 - 9.46)                         | 0.24              | (0.16 - 0.36)                       | 1.07              | (0.81 - 1.42)                       |
| Southeast                                   | 4.12                | (3.01 - 5.61)                         | 8.58                | (6.26 - 11.66)                        | 0.29              | (0.19 - 0.42)                       | 1.50              | (1.16 - 1.95)                       |
| Southwest                                   | 3.58                | (2.43 - 5.24)                         | 7.57                | (5.23 - 10.84)                        | *                 | (* - *)                             | 1.07              | (0.80 - 1.44)                       |
| <b>Kansas</b>                               | 5.06                | (4.24 - 6.03)                         | 6.87                | (5.64 - 8.34)                         | 0.39              | (0.29 - 0.53)                       | 1.35              | (1.14 - 1.60)                       |
| Northeast                                   | 5.01                | (3.90 - 6.43)                         | 7.73                | (5.98 - 9.95)                         | 0.43              | (0.30 - 0.61)                       | 1.58              | (1.27 - 1.95)                       |
| Northwest and North Central                 | 4.82                | (3.21 - 7.17)                         | *                   | (* - *)                               | *                 | (* - *)                             | 0.99              | (0.72 - 1.36)                       |
| South Central                               | 5.60                | (4.27 - 7.30)                         | 6.15                | (4.55 - 8.27)                         | 0.40              | (0.28 - 0.58)                       | 1.21              | (0.96 - 1.54)                       |
| Southeast                                   | 4.50                | (3.01 - 6.67)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.13              | (0.83 - 1.54)                       |
| Southwest                                   | 3.88                | (2.55 - 5.85)                         | 4.91                | (3.28 - 7.30)                         | *                 | (* - *)                             | 0.95              | (0.69 - 1.29)                       |
| <b>Kentucky</b>                             | 4.64                | (3.93 - 5.48)                         | 6.49                | (5.35 - 7.86)                         | 0.26              | (0.19 - 0.36)                       | 1.15              | (0.97 - 1.36)                       |
| Adanta, Cumberland River,<br>and Lifeskills | 5.04                | (3.66 - 6.90)                         | 5.25                | (3.66 - 7.47)                         | 0.23              | (0.15 - 0.36)                       | 0.96              | (0.72 - 1.29)                       |
| Bluegrass, Comprehend, and<br>North Key     | 3.76                | (2.75 - 5.11)                         | 7.91                | (5.89 - 10.56)                        | 0.26              | (0.17 - 0.40)                       | 1.34              | (1.04 - 1.73)                       |
| Centerstone                                 | 5.84                | (4.39 - 7.73)                         | 6.91                | (4.86 - 9.73)                         | 0.34              | (0.23 - 0.50)                       | 1.28              | (0.96 - 1.69)                       |
| Communicare and River Valley                | 4.23                | (2.88 - 6.16)                         | 5.71                | (3.89 - 8.31)                         | *                 | (* - *)                             | 1.07              | (0.78 - 1.46)                       |
| Four Rivers and Pennyroyal                  | 5.35                | (3.64 - 7.78)                         | 5.77                | (3.95 - 8.36)                         | *                 | (* - *)                             | 1.11              | (0.82 - 1.50)                       |
| Kentucky River, Mountain,<br>and Pathways   | 3.91                | (2.68 - 5.66)                         | 5.46                | (3.76 - 7.87)                         | *                 | (* - *)                             | 0.86              | (0.63 - 1.17)                       |

See notes at end of table.

(continued)

**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 4.62                | (3.92 - 5.44)                         | 7.08                | (5.92 - 8.44)                         | 0.24              | (0.18 - 0.32)                       | 1.19              | (1.02 - 1.39)                       |
| Regions 1 and 10      | 5.24                | (3.97 - 6.90)                         | 7.30                | (5.47 - 9.68)                         | 0.30              | (0.21 - 0.41)                       | 1.21              | (0.96 - 1.51)                       |
| Region 1              | 5.65                | (3.90 - 8.13)                         | 7.89                | (5.42 - 11.36)                        | *                 | (* - *)                             | 1.49              | (1.11 - 1.99)                       |
| Region 10 (Jefferson) | 4.83                | (3.32 - 6.97)                         | 6.55                | (4.57 - 9.32)                         | *                 | (* - *)                             | 0.94              | (0.71 - 1.25)                       |
| Regions 2 and 9       | 4.64                | (3.45 - 6.21)                         | 8.68                | (6.55 - 11.42)                        | 0.22              | (0.15 - 0.33)                       | 1.43              | (1.12 - 1.81)                       |
| Region 3              | 4.11                | (2.87 - 5.85)                         | 5.65                | (3.88 - 8.14)                         | *                 | (* - *)                             | 0.98              | (0.74 - 1.30)                       |
| Regions 4, 5, and 6   | 4.93                | (3.69 - 6.54)                         | 6.14                | (4.37 - 8.55)                         | 0.25              | (0.18 - 0.36)                       | 1.10              | (0.84 - 1.43)                       |
| Regions 7 and 8       | 3.89                | (2.78 - 5.42)                         | 6.63                | (4.80 - 9.09)                         | 0.20              | (0.14 - 0.29)                       | 1.09              | (0.84 - 1.42)                       |
| <b>Maine</b>          | 6.77                | (5.84 - 7.83)                         | 10.50               | (8.72 - 12.60)                        | 0.46              | (0.32 - 0.64)                       | 1.70              | (1.43 - 2.02)                       |
| Aroostook/Downeast    | 5.74                | (4.26 - 7.68)                         | 8.46                | (6.27 - 11.32)                        | 0.42              | (0.28 - 0.64)                       | 1.29              | (1.01 - 1.66)                       |
| Aroostook             | 5.37                | (3.67 - 7.78)                         | 7.73                | (5.21 - 11.33)                        | *                 | (* - *)                             | 1.15              | (0.84 - 1.56)                       |
| Downeast              | *                   | (* - *)                               | 9.16                | (6.09 - 13.56)                        | *                 | (* - *)                             | 1.43              | (1.02 - 2.00)                       |
| Central               | 6.29                | (4.46 - 8.81)                         | 10.66               | (7.27 - 15.39)                        | *                 | (* - *)                             | 1.60              | (1.17 - 2.20)                       |
| Cumberland            | 7.05                | (5.29 - 9.33)                         | 12.06               | (8.54 - 16.76)                        | 0.53              | (0.33 - 0.87)                       | 1.98              | (1.48 - 2.64)                       |
| Midcoast              | 7.81                | (5.47 - 11.03)                        | 10.73               | (7.22 - 15.66)                        | *                 | (* - *)                             | 1.54              | (1.11 - 2.14)                       |
| Penquis               | 6.28                | (4.51 - 8.68)                         | 10.24               | (7.24 - 14.28)                        | 0.47              | (0.30 - 0.75)                       | 1.95              | (1.45 - 2.62)                       |
| Western               | 7.25                | (5.41 - 9.65)                         | 9.32                | (6.52 - 13.15)                        | 0.41              | (0.26 - 0.64)                       | 1.57              | (1.16 - 2.11)                       |
| York                  | 6.72                | (4.87 - 9.21)                         | 11.35               | (8.15 - 15.60)                        | 0.49              | (0.31 - 0.76)                       | 1.80              | (1.36 - 2.38)                       |
| <b>Maryland</b>       | 6.05                | (5.20 - 7.02)                         | 9.60                | (7.98 - 11.51)                        | 0.42              | (0.32 - 0.54)                       | 1.58              | (1.35 - 1.84)                       |
| Anne Arundel          | 5.83                | (4.08 - 8.26)                         | 9.92                | (6.78 - 14.28)                        | *                 | (* - *)                             | 1.57              | (1.16 - 2.13)                       |
| Baltimore City        | 7.10                | (5.01 - 9.97)                         | 9.66                | (6.71 - 13.70)                        | 0.50              | (0.33 - 0.75)                       | 1.90              | (1.41 - 2.54)                       |
| Baltimore County      | 7.30                | (5.20 - 10.16)                        | 9.58                | (6.52 - 13.86)                        | *                 | (* - *)                             | 1.59              | (1.18 - 2.15)                       |
| Montgomery            | 4.58                | (3.28 - 6.37)                         | 8.42                | (5.85 - 11.97)                        | 0.42              | (0.29 - 0.62)                       | 1.22              | (0.93 - 1.59)                       |
| North Central         | 4.69                | (3.24 - 6.74)                         | 10.58               | (7.22 - 15.26)                        | *                 | (* - *)                             | 1.68              | (1.25 - 2.26)                       |
| Northeast             | 7.45                | (5.13 - 10.70)                        | 10.19               | (6.85 - 14.90)                        | *                 | (* - *)                             | 1.65              | (1.20 - 2.26)                       |
| Prince George's       | 6.34                | (4.41 - 9.03)                         | 11.65               | (8.25 - 16.21)                        | 0.35              | (0.22 - 0.56)                       | 1.80              | (1.36 - 2.39)                       |
| South                 | 5.20                | (3.65 - 7.36)                         | 8.01                | (5.41 - 11.71)                        | *                 | (* - *)                             | 1.53              | (1.12 - 2.08)                       |
| West                  | 7.35                | (5.22 - 10.26)                        | 8.28                | (5.52 - 12.23)                        | *                 | (* - *)                             | 1.50              | (1.09 - 2.06)                       |

See notes at end of table.

(continued)

**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 6.61                | (5.67 - 7.69)                         | 10.55               | (8.82 - 12.58)                        | 0.61              | (0.46 - 0.80)                       | 2.03              | (1.74 - 2.38)                       |
| Boston                | 5.03                | (3.40 - 7.38)                         | 10.82               | (7.67 - 15.04)                        | 0.80              | (0.53 - 1.21)                       | 2.78              | (2.10 - 3.67)                       |
| Central               | 6.70                | (4.77 - 9.35)                         | 10.11               | (7.11 - 14.18)                        | 0.55              | (0.37 - 0.82)                       | 1.94              | (1.47 - 2.57)                       |
| Metrowest             | 6.05                | (4.52 - 8.05)                         | 10.70               | (7.55 - 14.96)                        | 0.66              | (0.45 - 0.97)                       | 2.03              | (1.55 - 2.65)                       |
| Northeast             | 7.35                | (5.61 - 9.56)                         | 9.45                | (6.76 - 13.06)                        | 0.53              | (0.37 - 0.77)                       | 1.63              | (1.27 - 2.09)                       |
| Southeast             | 6.22                | (4.52 - 8.51)                         | 9.05                | (6.42 - 12.62)                        | 0.55              | (0.37 - 0.80)                       | 1.63              | (1.25 - 2.12)                       |
| Western               | 8.24                | (5.81 - 11.54)                        | 13.76               | (9.93 - 18.76)                        | 0.57              | (0.37 - 0.89)                       | 2.63              | (1.99 - 3.47)                       |
| <b>Michigan</b>       | 5.84                | (5.23 - 6.52)                         | 8.34                | (7.34 - 9.47)                         | 0.46              | (0.37 - 0.59)                       | 1.63              | (1.45 - 1.84)                       |
| Region 1              | 5.17                | (3.62 - 7.34)                         | 7.88                | (5.50 - 11.18)                        | *                 | (* - *)                             | 1.58              | (1.18 - 2.11)                       |
| Region 2              | 5.43                | (3.74 - 7.82)                         | 6.59                | (4.51 - 9.52)                         | *                 | (* - *)                             | 1.04              | (0.78 - 1.39)                       |
| Region 3              | 5.84                | (4.54 - 7.49)                         | 9.74                | (7.34 - 12.81)                        | 0.49              | (0.35 - 0.69)                       | 1.91              | (1.51 - 2.40)                       |
| Region 4              | 7.14                | (5.46 - 9.29)                         | 9.14                | (6.82 - 12.13)                        | 0.47              | (0.34 - 0.67)                       | 1.82              | (1.44 - 2.30)                       |
| Region 5              | 5.22                | (4.11 - 6.61)                         | 7.99                | (6.22 - 10.20)                        | 0.44              | (0.31 - 0.61)                       | 1.72              | (1.40 - 2.12)                       |
| Region 6              | 4.51                | (3.31 - 6.11)                         | 9.28                | (6.89 - 12.39)                        | 0.44              | (0.31 - 0.63)                       | 1.93              | (1.50 - 2.48)                       |
| Region 7              | 6.47                | (5.14 - 8.10)                         | 7.43                | (5.72 - 9.60)                         | 0.53              | (0.38 - 0.74)                       | 1.58              | (1.28 - 1.94)                       |
| Region 8              | 5.59                | (4.35 - 7.17)                         | 8.53                | (6.38 - 11.32)                        | 0.44              | (0.30 - 0.64)                       | 1.45              | (1.14 - 1.83)                       |
| Region 9              | 6.28                | (4.70 - 8.35)                         | 7.82                | (5.72 - 10.61)                        | 0.51              | (0.36 - 0.71)                       | 1.42              | (1.12 - 1.81)                       |
| Region 10             | 6.12                | (4.50 - 8.29)                         | 8.67                | (6.36 - 11.72)                        | 0.43              | (0.30 - 0.62)                       | 1.56              | (1.21 - 2.02)                       |
| <b>Minnesota</b>      | 5.24                | (4.47 - 6.13)                         | 8.55                | (7.14 - 10.22)                        | 0.36              | (0.27 - 0.47)                       | 1.50              | (1.28 - 1.76)                       |
| Regions 1 and 2       | 4.43                | (3.23 - 6.05)                         | 7.76                | (5.62 - 10.61)                        | *                 | (* - *)                             | 1.32              | (1.02 - 1.71)                       |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.23              | (0.90 - 1.69)                       |
| Region 2              | 4.46                | (2.92 - 6.75)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.38              | (1.00 - 1.91)                       |
| Regions 3 and 4       | 5.46                | (4.21 - 7.07)                         | 7.67                | (5.75 - 10.16)                        | 0.37              | (0.26 - 0.52)                       | 1.49              | (1.18 - 1.89)                       |
| Region 3              | 6.89                | (4.61 - 10.18)                        | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 4              | 4.83                | (3.47 - 6.68)                         | 7.15                | (5.05 - 10.05)                        | 0.36              | (0.25 - 0.53)                       | 1.46              | (1.10 - 1.94)                       |
| Regions 5 and 6       | 5.05                | (3.78 - 6.72)                         | 9.04                | (6.98 - 11.64)                        | 0.28              | (0.20 - 0.40)                       | 1.46              | (1.17 - 1.82)                       |
| Region 5              | 4.37                | (2.95 - 6.43)                         | 8.04                | (5.73 - 11.18)                        | *                 | (* - *)                             | 1.30              | (0.98 - 1.73)                       |
| Region 6              | 5.74                | (3.91 - 8.36)                         | 10.24               | (7.14 - 14.49)                        | *                 | (* - *)                             | 1.65              | (1.23 - 2.21)                       |
| Region 7              | 5.36                | (4.35 - 6.58)                         | 8.84                | (7.05 - 11.04)                        | 0.38              | (0.28 - 0.52)                       | 1.56              | (1.29 - 1.89)                       |
| Region 7A (Hennepin)  | 5.32                | (3.92 - 7.18)                         | 10.59               | (7.71 - 14.38)                        | 0.47              | (0.32 - 0.69)                       | 1.75              | (1.35 - 2.26)                       |
| Region 7B (Ramsey)    | 4.48                | (3.10 - 6.45)                         | 6.57                | (4.60 - 9.31)                         | *                 | (* - *)                             | 1.44              | (1.07 - 1.93)                       |
| Region 7C             | 5.70                | (4.22 - 7.67)                         | 8.60                | (6.09 - 12.00)                        | 0.30              | (0.20 - 0.46)                       | 1.42              | (1.07 - 1.89)                       |

See notes at end of table.

(continued)

**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 4.41                | (3.72 - 5.21)                         | 6.03                | (4.99 - 7.26)                         | 0.17              | (0.12 - 0.24)                       | 1.02              | (0.86 - 1.21)                       |
| Region 1                               | 4.54                | (3.38 - 6.06)                         | 6.03                | (4.35 - 8.30)                         | 0.17              | (0.11 - 0.25)                       | 1.01              | (0.77 - 1.33)                       |
| Region 2                               | 4.14                | (2.82 - 6.03)                         | 5.22                | (3.66 - 7.39)                         | *                 | (* - *)                             | 0.87              | (0.65 - 1.18)                       |
| Region 3                               | 4.39                | (3.04 - 6.29)                         | 6.09                | (4.29 - 8.57)                         | *                 | (* - *)                             | 1.13              | (0.84 - 1.52)                       |
| Region 4                               | 4.06                | (2.89 - 5.68)                         | 6.97                | (5.02 - 9.59)                         | 0.18              | (0.11 - 0.28)                       | 1.13              | (0.85 - 1.50)                       |
| Region 5                               | 5.37                | (3.63 - 7.88)                         | *                   | (* - *)                               | *                 | (* - *)                             | 0.87              | (0.62 - 1.21)                       |
| Region 6                               | 4.51                | (3.16 - 6.40)                         | 5.74                | (4.06 - 8.06)                         | *                 | (* - *)                             | 1.05              | (0.79 - 1.39)                       |
| Region 7                               | 4.44                | (3.09 - 6.35)                         | 5.92                | (4.12 - 8.45)                         | *                 | (* - *)                             | 0.96              | (0.71 - 1.29)                       |
| <b>Missouri</b>                        | 5.03                | (4.29 - 5.89)                         | 9.15                | (7.62 - 10.95)                        | 0.31              | (0.24 - 0.41)                       | 1.53              | (1.31 - 1.80)                       |
| Central                                | 3.76                | (2.59 - 5.44)                         | 8.30                | (5.93 - 11.50)                        | 0.30              | (0.20 - 0.46)                       | 1.60              | (1.21 - 2.12)                       |
| Eastern                                | 6.29                | (5.03 - 7.84)                         | 10.70               | (8.24 - 13.78)                        | 0.29              | (0.20 - 0.41)                       | 1.65              | (1.32 - 2.06)                       |
| Eastern (St. Louis City and<br>County) | 5.72                | (4.16 - 7.80)                         | 10.45               | (7.51 - 14.36)                        | 0.29              | (0.19 - 0.43)                       | 1.65              | (1.25 - 2.17)                       |
| Eastern (excluding St. Louis)          | 7.14                | (5.28 - 9.58)                         | 11.14               | (7.78 - 15.69)                        | 0.29              | (0.18 - 0.46)                       | 1.66              | (1.23 - 2.23)                       |
| Northwest                              | 5.29                | (4.07 - 6.85)                         | 10.37               | (7.88 - 13.54)                        | 0.38              | (0.28 - 0.52)                       | 1.74              | (1.39 - 2.18)                       |
| Northwest (Jackson)                    | 5.75                | (4.09 - 8.02)                         | 11.63               | (8.12 - 16.40)                        | 0.46              | (0.32 - 0.65)                       | 1.87              | (1.41 - 2.47)                       |
| Northwest (excluding Jackson)          | 4.94                | (3.46 - 7.02)                         | 9.46                | (6.62 - 13.35)                        | *                 | (* - *)                             | 1.63              | (1.22 - 2.19)                       |
| Southeast                              | 4.10                | (2.82 - 5.92)                         | 6.81                | (4.89 - 9.42)                         | *                 | (* - *)                             | 1.11              | (0.84 - 1.46)                       |
| Southwest                              | 3.70                | (2.55 - 5.33)                         | 7.46                | (5.29 - 10.42)                        | 0.33              | (0.22 - 0.48)                       | 1.31              | (0.99 - 1.72)                       |
| <b>Montana</b>                         | 6.35                | (5.46 - 7.37)                         | 9.27                | (7.71 - 11.10)                        | 0.52              | (0.39 - 0.68)                       | 1.81              | (1.54 - 2.12)                       |
| Region 1                               | 4.48                | (3.08 - 6.46)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.25              | (0.93 - 1.68)                       |
| Region 2                               | 5.29                | (3.83 - 7.26)                         | 7.00                | (4.85 - 10.02)                        | 0.57              | (0.38 - 0.85)                       | 1.55              | (1.16 - 2.06)                       |
| Region 3                               | 6.78                | (5.10 - 8.97)                         | 7.15                | (5.13 - 9.89)                         | 0.52              | (0.36 - 0.76)                       | 1.40              | (1.08 - 1.82)                       |
| Region 4                               | 6.41                | (4.83 - 8.47)                         | 10.97               | (8.12 - 14.66)                        | 0.47              | (0.33 - 0.67)                       | 2.16              | (1.66 - 2.80)                       |
| Region 5                               | 7.13                | (5.60 - 9.04)                         | 10.93               | (8.21 - 14.41)                        | 0.56              | (0.38 - 0.81)                       | 2.14              | (1.68 - 2.72)                       |
| <b>Nebraska</b>                        | 4.23                | (3.51 - 5.09)                         | 8.48                | (7.03 - 10.19)                        | 0.26              | (0.19 - 0.36)                       | 1.42              | (1.20 - 1.68)                       |
| Regions 1 and 2                        | 4.48                | (3.23 - 6.20)                         | 7.88                | (5.76 - 10.69)                        | *                 | (* - *)                             | 1.20              | (0.93 - 1.57)                       |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.25              | (0.88 - 1.77)                       |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.17              | (0.84 - 1.63)                       |
| Region 3                               | 3.02                | (2.09 - 4.34)                         | 6.84                | (4.73 - 9.78)                         | 0.22              | (0.14 - 0.34)                       | 1.11              | (0.82 - 1.51)                       |
| Region 4                               | 2.97                | (1.96 - 4.48)                         | 8.10                | (5.65 - 11.49)                        | *                 | (* - *)                             | 1.23              | (0.91 - 1.67)                       |
| Region 5                               | 4.06                | (2.90 - 5.66)                         | 9.48                | (6.96 - 12.77)                        | 0.30              | (0.20 - 0.44)                       | 1.73              | (1.33 - 2.24)                       |
| Region 6                               | 4.94                | (3.79 - 6.42)                         | 8.59                | (6.56 - 11.17)                        | 0.28              | (0.19 - 0.41)                       | 1.45              | (1.16 - 1.83)                       |

See notes at end of table.

(continued)

**Table 3 First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 6.60                | (5.54 - 7.86)                         | 8.38                | (6.76 - 10.34)                        | 0.49              | (0.35 - 0.68)                       | 1.48              | (1.23 - 1.78)                       |
| Clark – Region 1        | 6.11                | (4.91 - 7.59)                         | 7.75                | (5.99 - 9.97)                         | 0.48              | (0.33 - 0.71)                       | 1.40              | (1.13 - 1.73)                       |
| Region 3                | 7.51                | (5.49 - 10.19)                        | 8.07                | (5.75 - 11.21)                        | *                 | (* - *)                             | 1.30              | (0.99 - 1.70)                       |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.23              | (0.89 - 1.71)                       |
| Washoe – Region 2       | 8.37                | (6.18 - 11.25)                        | 12.12               | (8.63 - 16.76)                        | 0.60              | (0.40 - 0.91)                       | 2.08              | (1.57 - 2.75)                       |
| <b>New Hampshire</b>    | 6.63                | (5.69 - 7.72)                         | 11.35               | (9.40 - 13.64)                        | 0.45              | (0.33 - 0.62)                       | 2.08              | (1.75 - 2.46)                       |
| Central                 | 5.51                | (4.35 - 6.95)                         | 10.12               | (7.76 - 13.09)                        | 0.35              | (0.23 - 0.53)                       | 1.93              | (1.53 - 2.43)                       |
| Central 1               | 5.78                | (4.20 - 7.91)                         | 11.19               | (7.92 - 15.57)                        | 0.36              | (0.24 - 0.55)                       | 2.29              | (1.71 - 3.05)                       |
| Central 2               | 5.27                | (3.86 - 7.15)                         | 8.82                | (6.35 - 12.13)                        | 0.34              | (0.21 - 0.56)                       | 1.57              | (1.18 - 2.10)                       |
| Northern                | 7.85                | (5.54 - 11.03)                        | 14.98               | (10.62 - 20.72)                       | *                 | (* - *)                             | 2.65              | (1.94 - 3.62)                       |
| Southern                | 6.93                | (5.73 - 8.35)                         | 11.24               | (8.83 - 14.21)                        | 0.50              | (0.35 - 0.71)                       | 2.03              | (1.66 - 2.50)                       |
| Southern 1 (Rockingham) | 6.13                | (4.52 - 8.26)                         | 12.22               | (8.57 - 17.13)                        | 0.47              | (0.31 - 0.72)                       | 2.09              | (1.56 - 2.80)                       |
| Southern 2              | 7.46                | (5.90 - 9.38)                         | 10.73               | (7.99 - 14.26)                        | 0.52              | (0.35 - 0.77)                       | 2.00              | (1.56 - 2.56)                       |
| <b>New Jersey</b>       | 4.75                | (4.10 - 5.49)                         | 8.17                | (6.96 - 9.58)                         | 0.32              | (0.25 - 0.43)                       | 1.27              | (1.11 - 1.47)                       |
| Central                 | 4.29                | (3.26 - 5.63)                         | 8.77                | (6.55 - 11.65)                        | 0.32              | (0.23 - 0.46)                       | 1.30              | (1.04 - 1.64)                       |
| Metropolitan            | 3.97                | (2.92 - 5.38)                         | 6.35                | (4.71 - 8.51)                         | 0.28              | (0.19 - 0.42)                       | 1.06              | (0.83 - 1.35)                       |
| Northern                | 4.84                | (3.84 - 6.09)                         | 7.54                | (5.78 - 9.78)                         | 0.34              | (0.25 - 0.48)                       | 1.17              | (0.95 - 1.45)                       |
| Southern                | 6.10                | (4.72 - 7.86)                         | 11.46               | (8.55 - 15.19)                        | 0.35              | (0.24 - 0.52)                       | 1.76              | (1.38 - 2.26)                       |
| <b>New Mexico</b>       | 6.72                | (5.76 - 7.82)                         | 8.26                | (6.77 - 10.06)                        | 0.54              | (0.38 - 0.74)                       | 1.56              | (1.31 - 1.86)                       |
| Region 1                | 6.99                | (5.18 - 9.36)                         | 8.48                | (6.02 - 11.83)                        | 0.65              | (0.43 - 1.00)                       | 1.71              | (1.32 - 2.22)                       |
| Region 2                | 8.26                | (6.01 - 11.24)                        | 10.41               | (7.02 - 15.17)                        | 0.51              | (0.31 - 0.81)                       | 1.56              | (1.15 - 2.13)                       |
| Region 3 (Bernalillo)   | 7.09                | (5.51 - 9.09)                         | 9.22                | (6.85 - 12.29)                        | 0.69              | (0.46 - 1.03)                       | 1.75              | (1.37 - 2.22)                       |
| Region 4                | 5.08                | (3.61 - 7.12)                         | 6.25                | (4.18 - 9.26)                         | 0.32              | (0.22 - 0.47)                       | 1.18              | (0.87 - 1.59)                       |
| Region 5                | 6.02                | (4.61 - 7.82)                         | 7.25                | (5.47 - 9.56)                         | 0.34              | (0.23 - 0.50)                       | 1.38              | (1.08 - 1.75)                       |
| Region 5a               | 5.85                | (4.07 - 8.32)                         | 6.93                | (4.77 - 9.96)                         | 0.36              | (0.24 - 0.55)                       | 1.17              | (0.88 - 1.57)                       |
| Region 5b (Dona Ana)    | 6.16                | (4.28 - 8.78)                         | 7.46                | (5.17 - 10.66)                        | *                 | (* - *)                             | 1.56              | (1.15 - 2.13)                       |

See notes at end of table.

(continued)

**Table 3 First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 5.40                | (4.85 - 6.01)                         | 8.54                | (7.56 - 9.63)                         | 0.38              | (0.30 - 0.48)                       | 1.51              | (1.35 - 1.69)                       |
| Region 1: Long Island                          | 5.57                | (4.46 - 6.92)                         | 9.98                | (7.74 - 12.78)                        | 0.39              | (0.28 - 0.55)                       | 1.62              | (1.31 - 2.01)                       |
| Region 2: New York City                        | 4.82                | (4.09 - 5.66)                         | 7.13                | (6.04 - 8.39)                         | 0.40              | (0.31 - 0.52)                       | 1.29              | (1.12 - 1.49)                       |
| Region 2A: Bronx                               | 4.22                | (3.10 - 5.73)                         | 5.18                | (3.80 - 7.02)                         | 0.24              | (0.16 - 0.36)                       | 1.05              | (0.81 - 1.35)                       |
| Region 2B: Kings                               | 5.48                | (4.18 - 7.16)                         | 8.23                | (6.20 - 10.85)                        | 0.42              | (0.31 - 0.57)                       | 1.50              | (1.20 - 1.86)                       |
| Region 2C: New York                            | 7.12                | (5.18 - 9.71)                         | 10.46               | (7.60 - 14.24)                        | 0.82              | (0.54 - 1.25)                       | 1.97              | (1.53 - 2.55)                       |
| Region 2D: Queens                              | 3.48                | (2.53 - 4.78)                         | 5.76                | (4.19 - 7.88)                         | 0.29              | (0.20 - 0.43)                       | 0.92              | (0.72 - 1.18)                       |
| Region 2E: Richmond                            | 4.41                | (2.98 - 6.48)                         | 7.06                | (4.89 - 10.07)                        | *                 | (* - *)                             | 1.12              | (0.83 - 1.51)                       |
| Region 3: Mid-Hudson                           | 4.91                | (3.79 - 6.35)                         | 8.25                | (6.15 - 10.99)                        | 0.34              | (0.24 - 0.47)                       | 1.44              | (1.14 - 1.81)                       |
| Region 4: Capital Region                       | 7.47                | (5.49 - 10.07)                        | 12.91               | (9.39 - 17.51)                        | 0.40              | (0.25 - 0.63)                       | 2.16              | (1.63 - 2.84)                       |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.46              | (1.05 - 2.02)                       |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.57              | (1.13 - 2.17)                       |
| Region 7: Tug Hill Seaway                      | 4.38                | (2.98 - 6.39)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.88              | (1.37 - 2.57)                       |
| Region 8: Central                              | 6.58                | (5.04 - 8.57)                         | 9.64                | (7.05 - 13.05)                        | 0.37              | (0.25 - 0.54)                       | 1.87              | (1.44 - 2.43)                       |
| Region 9: Southern Tier                        | 5.51                | (3.81 - 7.92)                         | 11.21               | (7.87 - 15.72)                        | *                 | (* - *)                             | 2.36              | (1.73 - 3.20)                       |
| Region 10: Finger Lakes                        | 6.91                | (5.33 - 8.92)                         | 10.37               | (7.69 - 13.83)                        | 0.33              | (0.22 - 0.48)                       | 1.84              | (1.42 - 2.37)                       |
| Region 11: Western                             | 5.45                | (4.29 - 6.91)                         | 9.32                | (7.06 - 12.22)                        | 0.38              | (0.27 - 0.53)                       | 1.72              | (1.37 - 2.17)                       |
| <b>North Carolina</b>                          | 5.33                | (4.67 - 6.08)                         | 7.36                | (6.29 - 8.59)                         | 0.31              | (0.25 - 0.40)                       | 1.27              | (1.11 - 1.46)                       |
| Alliance Behavioral<br>Healthcare 1            | 5.10                | (3.68 - 7.03)                         | 7.81                | (5.65 - 10.70)                        | 0.53              | (0.36 - 0.76)                       | 1.63              | (1.27 - 2.10)                       |
| Alliance Behavioral<br>Healthcare 2            | 5.58                | (4.01 - 7.70)                         | 7.89                | (5.58 - 11.06)                        | 0.32              | (0.22 - 0.45)                       | 1.41              | (1.06 - 1.88)                       |
| Cardinal Innovations<br>Healthcare Solutions 1 | 5.00                | (3.58 - 6.95)                         | 7.78                | (5.38 - 11.13)                        | *                 | (* - *)                             | 1.20              | (0.89 - 1.61)                       |
| Cardinal Innovations<br>Healthcare Solutions 2 | 5.35                | (3.72 - 7.64)                         | 7.16                | (4.99 - 10.17)                        | *                 | (* - *)                             | 1.29              | (0.97 - 1.70)                       |
| Cardinal Innovations<br>Healthcare Solutions 3 | 6.56                | (4.76 - 8.99)                         | 8.69                | (6.36 - 11.77)                        | 0.41              | (0.27 - 0.62)                       | 1.54              | (1.20 - 1.99)                       |
| CenterPoint Human Services                     | 4.73                | (3.28 - 6.76)                         | 6.12                | (4.18 - 8.88)                         | *                 | (* - *)                             | 1.00              | (0.74 - 1.36)                       |
| Eastpointe                                     | 4.82                | (3.48 - 6.62)                         | 5.42                | (3.80 - 7.68)                         | 0.25              | (0.17 - 0.37)                       | 0.91              | (0.69 - 1.20)                       |
| Partners Behavioral Health<br>Management       | 5.72                | (4.09 - 7.94)                         | 7.64                | (5.32 - 10.84)                        | *                 | (* - *)                             | 1.11              | (0.84 - 1.48)                       |
| Sandhills Center 1                             | *                   | (* - *)                               | 6.22                | (4.33 - 8.86)                         | *                 | (* - *)                             | 1.02              | (0.77 - 1.36)                       |
| Sandhills Center 2                             | 5.00                | (3.48 - 7.14)                         | 8.23                | (5.67 - 11.81)                        | *                 | (* - *)                             | 1.46              | (1.08 - 1.97)                       |
| Smoky Mountain Center 1                        | 6.01                | (4.12 - 8.70)                         | 7.46                | (5.26 - 10.46)                        | *                 | (* - *)                             | 1.23              | (0.93 - 1.63)                       |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | 6.86                | (4.62 - 10.07)                        | *                 | (* - *)                             | 1.05              | (0.78 - 1.42)                       |
| Trillium Health Resources 1                    | 4.67                | (3.27 - 6.63)                         | 6.60                | (4.67 - 9.27)                         | 0.32              | (0.22 - 0.47)                       | 1.28              | (0.98 - 1.68)                       |
| Trillium Health Resources 2                    | *                   | (* - *)                               | 8.45                | (5.85 - 12.07)                        | *                 | (* - *)                             | 1.63              | (1.21 - 2.19)                       |

See notes at end of table.

(continued)



**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 4.38                | (3.68 - 5.21)                         | 7.26                | (6.09 - 8.64)                         | 0.30              | (0.22 - 0.41)                       | 1.52              | (1.29 - 1.79)                       |
| Badlands and West Central     | 4.83                | (3.74 - 6.23)                         | 7.60                | (5.72 - 10.03)                        | 0.33              | (0.23 - 0.47)                       | 1.34              | (1.06 - 1.71)                       |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.45              | (1.06 - 2.00)                       |
| West Central                  | 4.74                | (3.53 - 6.32)                         | 7.38                | (5.29 - 10.20)                        | 0.31              | (0.21 - 0.47)                       | 1.31              | (0.99 - 1.73)                       |
| Lake Region                   | 5.69                | (3.77 - 8.49)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.16              | (0.84 - 1.61)                       |
| North Central                 | 4.07                | (2.82 - 5.82)                         | 7.56                | (5.33 - 10.61)                        | *                 | (* - *)                             | 1.48              | (1.10 - 1.98)                       |
| Northeast                     | 5.04                | (3.57 - 7.06)                         | 7.95                | (5.73 - 10.92)                        | *                 | (* - *)                             | 2.19              | (1.65 - 2.89)                       |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.34              | (0.96 - 1.88)                       |
| South Central                 | 3.36                | (2.16 - 5.19)                         | *                   | (* - *)                               | *                 | (* - *)                             | 0.90              | (0.65 - 1.24)                       |
| Southeast                     | 3.68                | (2.64 - 5.10)                         | 7.11                | (5.47 - 9.20)                         | 0.29              | (0.19 - 0.44)                       | 1.73              | (1.37 - 2.19)                       |
| <b>Ohio</b>                   | 5.19                | (4.63 - 5.82)                         | 7.80                | (6.80 - 8.93)                         | 0.27              | (0.21 - 0.35)                       | 1.29              | (1.14 - 1.46)                       |
| Boards 2, 46, 55, and 68      | 3.85                | (2.65 - 5.56)                         | 6.90                | (4.74 - 9.93)                         | *                 | (* - *)                             | 1.06              | (0.78 - 1.44)                       |
| Boards 3, 52, and 85          | 3.54                | (2.39 - 5.21)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.14              | (0.83 - 1.57)                       |
| Boards 4 and 78               | 6.62                | (4.55 - 9.53)                         | 7.38                | (5.11 - 10.55)                        | *                 | (* - *)                             | 1.09              | (0.81 - 1.46)                       |
| Boards 5 and 60               | 4.87                | (3.32 - 7.08)                         | 6.56                | (4.64 - 9.19)                         | *                 | (* - *)                             | 1.37              | (1.01 - 1.85)                       |
| Boards 7, 15, 41, 79, and 84  | 3.75                | (2.57 - 5.45)                         | 6.37                | (4.38 - 9.17)                         | *                 | (* - *)                             | 0.90              | (0.67 - 1.21)                       |
| Boards 8, 13, and 83          | 4.75                | (3.35 - 6.69)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.07              | (0.79 - 1.45)                       |
| Board 9 (Butler)              | 4.41                | (2.99 - 6.44)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.54              | (1.14 - 2.08)                       |
| Board 12                      | 4.14                | (2.80 - 6.08)                         | 7.50                | (5.25 - 10.61)                        | *                 | (* - *)                             | 1.32              | (0.99 - 1.77)                       |
| Boards 18 and 47              | 5.52                | (4.19 - 7.25)                         | 8.33                | (6.15 - 11.18)                        | 0.28              | (0.19 - 0.40)                       | 1.27              | (1.00 - 1.63)                       |
| Boards 20, 32, 54, and 69     | 3.34                | (2.28 - 4.87)                         | 6.84                | (4.75 - 9.75)                         | *                 | (* - *)                             | 1.08              | (0.80 - 1.45)                       |
| Boards 21, 39, 51, 70, and 80 | 4.44                | (3.15 - 6.23)                         | 6.16                | (4.26 - 8.83)                         | *                 | (* - *)                             | 1.01              | (0.75 - 1.36)                       |
| Boards 22, 74, and 87         | 4.81                | (3.38 - 6.80)                         | 8.95                | (6.42 - 12.36)                        | *                 | (* - *)                             | 1.44              | (1.09 - 1.90)                       |
| Boards 23 and 45              | 4.34                | (3.04 - 6.16)                         | 8.14                | (5.77 - 11.36)                        | *                 | (* - *)                             | 1.43              | (1.08 - 1.90)                       |
| Board 25 (Franklin)           | 4.79                | (3.58 - 6.37)                         | 9.22                | (6.97 - 12.10)                        | 0.41              | (0.29 - 0.58)                       | 1.75              | (1.40 - 2.19)                       |
| Boards 27, 71, and 73         | 5.27                | (3.72 - 7.41)                         | 6.51                | (4.47 - 9.39)                         | *                 | (* - *)                             | 1.05              | (0.77 - 1.42)                       |
| Boards 28, 43, and 67         | 6.06                | (4.32 - 8.44)                         | 7.72                | (5.39 - 10.95)                        | *                 | (* - *)                             | 1.41              | (1.05 - 1.88)                       |
| Board 31 (Hamilton)           | 7.16                | (5.34 - 9.55)                         | 9.30                | (6.55 - 13.06)                        | 0.33              | (0.21 - 0.50)                       | 1.61              | (1.20 - 2.15)                       |
| Board 48 (Lucas)              | 7.42                | (5.17 - 10.54)                        | 8.56                | (5.95 - 12.15)                        | *                 | (* - *)                             | 1.53              | (1.14 - 2.04)                       |
| Boards 50 and 76              | 5.09                | (3.70 - 6.97)                         | 8.49                | (6.01 - 11.85)                        | 0.24              | (0.17 - 0.36)                       | 1.20              | (0.91 - 1.58)                       |
| Board 57 (Montgomery)         | 6.90                | (4.91 - 9.62)                         | 7.13                | (4.92 - 10.22)                        | *                 | (* - *)                             | 1.19              | (0.89 - 1.60)                       |
| Board 77 (Summit)             | 6.81                | (4.83 - 9.52)                         | 7.59                | (5.26 - 10.84)                        | *                 | (* - *)                             | 1.20              | (0.89 - 1.62)                       |

See notes at end of table.

(continued)

**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 5.09                | (4.31 - 6.01)                         | 5.85                | (4.81 - 7.10)                         | 0.41              | (0.30 - 0.56)                       | 1.23              | (1.03 - 1.46)                       |
| Central                               | 6.26                | (4.49 - 8.66)                         | 7.03                | (4.89 - 10.00)                        | 0.39              | (0.26 - 0.59)                       | 1.50              | (1.12 - 2.01)                       |
| East Central                          | 3.61                | (2.45 - 5.29)                         | 4.42                | (3.02 - 6.42)                         | 0.42              | (0.27 - 0.65)                       | 1.01              | (0.75 - 1.35)                       |
| Northeast                             | 4.73                | (3.26 - 6.82)                         | 5.57                | (3.88 - 7.92)                         | 0.37              | (0.25 - 0.55)                       | 1.23              | (0.92 - 1.64)                       |
| Northwest and Southwest               | 5.61                | (4.00 - 7.81)                         | 5.93                | (4.16 - 8.38)                         | 0.39              | (0.27 - 0.55)                       | 1.23              | (0.94 - 1.62)                       |
| Oklahoma County                       | 5.22                | (3.71 - 7.31)                         | 6.41                | (4.56 - 8.95)                         | 0.42              | (0.27 - 0.65)                       | 1.29              | (0.97 - 1.71)                       |
| Southeast                             | 3.89                | (2.66 - 5.66)                         | 4.62                | (3.19 - 6.65)                         | 0.38              | (0.25 - 0.60)                       | 0.98              | (0.73 - 1.32)                       |
| Tulsa County                          | 5.97                | (4.32 - 8.20)                         | 6.76                | (4.68 - 9.67)                         | 0.49              | (0.31 - 0.77)                       | 1.39              | (1.04 - 1.87)                       |
| <b>Oregon</b>                         | 6.56                | (5.61 - 7.66)                         | 10.01               | (8.30 - 12.02)                        | 0.57              | (0.41 - 0.79)                       | 1.87              | (1.58 - 2.22)                       |
| Region 1 (Multnomah)                  | 7.97                | (5.95 - 10.59)                        | 12.51               | (8.86 - 17.36)                        | 1.01              | (0.65 - 1.56)                       | 2.68              | (2.01 - 3.57)                       |
| Region 2                              | 4.98                | (3.77 - 6.57)                         | 11.41               | (8.40 - 15.33)                        | 0.47              | (0.30 - 0.74)                       | 1.89              | (1.45 - 2.46)                       |
| Region 3                              | 6.52                | (4.90 - 8.63)                         | 8.03                | (5.92 - 10.82)                        | 0.51              | (0.34 - 0.77)                       | 1.72              | (1.33 - 2.21)                       |
| Region 4                              | 8.45                | (6.21 - 11.40)                        | 10.46               | (7.30 - 14.79)                        | 0.46              | (0.29 - 0.72)                       | 1.50              | (1.13 - 2.01)                       |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 6 (Eastern)                    | 6.61                | (4.47 - 9.66)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.71              | (1.23 - 2.35)                       |
| <b>Pennsylvania</b>                   | 4.66                | (4.12 - 5.28)                         | 7.86                | (6.90 - 8.95)                         | 0.31              | (0.24 - 0.40)                       | 1.30              | (1.15 - 1.46)                       |
| Region 1 (Allegheny)                  | 5.05                | (3.69 - 6.89)                         | 7.42                | (5.30 - 10.30)                        | 0.32              | (0.22 - 0.47)                       | 1.19              | (0.91 - 1.55)                       |
| Regions 3, 8, 9, and 51               | 4.67                | (3.36 - 6.44)                         | 8.28                | (6.04 - 11.24)                        | 0.28              | (0.19 - 0.41)                       | 1.31              | (1.01 - 1.70)                       |
| Regions 4, 11, 37, and 49             | 5.10                | (3.68 - 7.01)                         | 5.72                | (3.98 - 8.14)                         | 0.32              | (0.22 - 0.46)                       | 1.07              | (0.82 - 1.41)                       |
| Regions 5, 18, 23, 24, and 46         | 3.18                | (2.29 - 4.39)                         | 5.71                | (4.12 - 7.86)                         | 0.24              | (0.16 - 0.36)                       | 0.92              | (0.70 - 1.20)                       |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 4.49                | (3.11 - 6.45)                         | 10.54               | (7.73 - 14.22)                        | *                 | (* - *)                             | 2.03              | (1.56 - 2.64)                       |
| Regions 7, 13, 20, and 33             | 5.29                | (4.17 - 6.70)                         | 10.35               | (7.89 - 13.47)                        | 0.34              | (0.24 - 0.49)                       | 1.48              | (1.18 - 1.84)                       |
| Regions 10, 15, 27, 32, 43, and 44    | 3.60                | (2.46 - 5.23)                         | 6.44                | (4.45 - 9.24)                         | *                 | (* - *)                             | 0.90              | (0.67 - 1.22)                       |
| Regions 17 and 21                     | 5.02                | (3.40 - 7.34)                         | 6.87                | (4.75 - 9.84)                         | *                 | (* - *)                             | 1.37              | (1.02 - 1.83)                       |
| Regions 19, 26, 28, and 42            | 3.81                | (2.85 - 5.09)                         | 7.59                | (5.58 - 10.24)                        | 0.29              | (0.20 - 0.42)                       | 1.20              | (0.93 - 1.54)                       |
| Regions 22, 38, 40, 41, and 48        | 4.98                | (3.57 - 6.90)                         | 6.96                | (4.93 - 9.76)                         | 0.23              | (0.15 - 0.35)                       | 0.96              | (0.72 - 1.27)                       |
| Regions 29 and 34                     | 4.39                | (3.06 - 6.25)                         | 7.40                | (5.10 - 10.61)                        | *                 | (* - *)                             | 1.22              | (0.91 - 1.63)                       |
| Regions 30 and 50                     | 3.83                | (2.68 - 5.43)                         | 7.19                | (4.94 - 10.37)                        | 0.29              | (0.19 - 0.44)                       | 1.10              | (0.81 - 1.48)                       |
| Region 36 (Philadelphia)              | 5.27                | (3.97 - 6.95)                         | 7.42                | (5.60 - 9.77)                         | 0.42              | (0.29 - 0.60)                       | 1.63              | (1.30 - 2.05)                       |

See notes at end of table.

(continued)

**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 6.42                | (5.49 - 7.51)                         | 9.55                | (7.83 - 11.59)                        | 0.56              | (0.42 - 0.74)                       | 1.87              | (1.58 - 2.21)                       |
| Region 1: Southern Providence<br>County                   | 5.89                | (4.25 - 8.09)                         | 9.91                | (6.83 - 14.16)                        | 0.59              | (0.40 - 0.89)                       | 1.70              | (1.29 - 2.24)                       |
| Region 2: Northern Providence<br>County/Blackstone Valley | 5.25                | (3.77 - 7.27)                         | 7.48                | (5.32 - 10.41)                        | 0.56              | (0.38 - 0.81)                       | 1.36              | (1.05 - 1.76)                       |
| Region 3: Providence                                      | 5.96                | (4.11 - 8.57)                         | 8.45                | (5.97 - 11.83)                        | 0.70              | (0.47 - 1.03)                       | 2.61              | (1.99 - 3.43)                       |
| Region 4: Kent County                                     | 6.49                | (4.73 - 8.83)                         | 9.36                | (6.45 - 13.40)                        | 0.37              | (0.24 - 0.56)                       | 1.33              | (0.99 - 1.79)                       |
| Region 5: East Bay                                        | 10.25               | (7.36 - 14.10)                        | 10.81               | (7.08 - 16.15)                        | 0.62              | (0.39 - 0.97)                       | 1.97              | (1.41 - 2.72)                       |
| Region 6: Newport County                                  | 6.92                | (4.71 - 10.04)                        | *                   | (* - *)                               | *                 | (* - *)                             | 1.74              | (1.25 - 2.41)                       |
| Region 7: South County                                    | 7.02                | (5.07 - 9.65)                         | 14.32               | (10.02 - 20.06)                       | 0.59              | (0.37 - 0.95)                       | 2.83              | (2.08 - 3.84)                       |
| <b>South Carolina</b>                                     | 4.95                | (4.18 - 5.86)                         | 7.54                | (6.24 - 9.08)                         | 0.28              | (0.21 - 0.37)                       | 1.21              | (1.02 - 1.42)                       |
| Region 1                                                  | 4.60                | (3.44 - 6.12)                         | 6.91                | (5.11 - 9.28)                         | 0.22              | (0.15 - 0.32)                       | 1.10              | (0.85 - 1.43)                       |
| Region 2                                                  | 4.80                | (3.63 - 6.34)                         | 7.76                | (5.64 - 10.58)                        | 0.38              | (0.27 - 0.54)                       | 1.41              | (1.10 - 1.81)                       |
| Region 3                                                  | 4.77                | (3.46 - 6.53)                         | 6.09                | (4.30 - 8.57)                         | 0.23              | (0.16 - 0.34)                       | 0.93              | (0.71 - 1.22)                       |
| Region 4                                                  | 5.66                | (4.23 - 7.55)                         | 9.26                | (6.73 - 12.61)                        | 0.31              | (0.21 - 0.44)                       | 1.35              | (1.04 - 1.75)                       |
| <b>South Dakota</b>                                       | 4.66                | (3.96 - 5.47)                         | 7.58                | (6.31 - 9.07)                         | 0.36              | (0.27 - 0.49)                       | 1.40              | (1.19 - 1.65)                       |
| Region 1                                                  | 6.32                | (4.77 - 8.32)                         | 8.28                | (6.04 - 11.25)                        | 0.47              | (0.31 - 0.72)                       | 1.56              | (1.21 - 2.02)                       |
| Region 2                                                  | 4.14                | (2.84 - 5.99)                         | 6.44                | (4.41 - 9.33)                         | *                 | (* - *)                             | 1.19              | (0.88 - 1.61)                       |
| Region 3                                                  | 4.10                | (3.01 - 5.57)                         | 7.57                | (5.57 - 10.22)                        | 0.27              | (0.18 - 0.40)                       | 1.44              | (1.11 - 1.86)                       |
| Region 4                                                  | 4.30                | (3.08 - 5.96)                         | 8.92                | (6.40 - 12.29)                        | 0.30              | (0.20 - 0.44)                       | 1.59              | (1.21 - 2.09)                       |
| Region 5                                                  | 4.06                | (3.00 - 5.47)                         | 6.65                | (4.94 - 8.89)                         | 0.37              | (0.25 - 0.56)                       | 1.21              | (0.95 - 1.55)                       |
| <b>Tennessee</b>                                          | 4.54                | (3.84 - 5.36)                         | 6.54                | (5.43 - 7.87)                         | 0.24              | (0.18 - 0.32)                       | 1.09              | (0.92 - 1.29)                       |
| Region 1                                                  | 4.95                | (3.37 - 7.22)                         | 5.58                | (3.90 - 7.91)                         | *                 | (* - *)                             | 0.84              | (0.63 - 1.13)                       |
| Region 2                                                  | 4.68                | (3.35 - 6.49)                         | 6.26                | (4.37 - 8.89)                         | 0.23              | (0.15 - 0.35)                       | 1.01              | (0.76 - 1.35)                       |
| Region 3                                                  | 5.26                | (3.79 - 7.24)                         | 6.50                | (4.58 - 9.15)                         | 0.20              | (0.13 - 0.30)                       | 1.00              | (0.75 - 1.33)                       |
| Region 4 (Davidson)                                       | 5.00                | (3.33 - 7.43)                         | 8.58                | (5.90 - 12.34)                        | *                 | (* - *)                             | 1.42              | (1.06 - 1.92)                       |
| Region 5                                                  | 4.44                | (3.27 - 6.00)                         | 7.11                | (5.20 - 9.66)                         | 0.31              | (0.22 - 0.44)                       | 1.25              | (0.97 - 1.62)                       |
| Region 6                                                  | 3.54                | (2.38 - 5.25)                         | 4.90                | (3.37 - 7.07)                         | *                 | (* - *)                             | 0.81              | (0.60 - 1.09)                       |
| Region 7 (Shelby)                                         | 4.12                | (2.93 - 5.76)                         | 6.45                | (4.56 - 9.04)                         | 0.23              | (0.15 - 0.35)                       | 1.16              | (0.88 - 1.54)                       |

See notes at end of table.

(continued)

**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 4.78                | (4.29 - 5.33)                         | 5.75                | (5.02 - 6.58)                         | 0.19              | (0.14 - 0.25)                       | 1.01              | (0.89 - 1.15)                       |
| Region 1                                                    | 5.98                | (4.07 - 8.71)                         | 5.31                | (3.67 - 7.63)                         | *                 | (* - *)                             | 1.14              | (0.85 - 1.52)                       |
| Region 2                                                    | 3.73                | (2.52 - 5.50)                         | 5.94                | (4.00 - 8.73)                         | *                 | (* - *)                             | 1.04              | (0.76 - 1.42)                       |
| Region 3                                                    | 4.27                | (3.57 - 5.11)                         | 5.84                | (4.76 - 7.14)                         | 0.20              | (0.15 - 0.28)                       | 1.02              | (0.85 - 1.22)                       |
| Region 3a                                                   | 3.85                | (3.02 - 4.90)                         | 5.79                | (4.53 - 7.38)                         | 0.19              | (0.13 - 0.28)                       | 1.00              | (0.81 - 1.24)                       |
| Region 3bc                                                  | 5.05                | (3.92 - 6.48)                         | 5.91                | (4.39 - 7.92)                         | 0.23              | (0.16 - 0.33)                       | 1.05              | (0.82 - 1.34)                       |
| Region 4                                                    | 4.48                | (3.21 - 6.22)                         | 5.59                | (3.99 - 7.78)                         | 0.21              | (0.14 - 0.31)                       | 0.93              | (0.71 - 1.21)                       |
| Region 5                                                    | 3.93                | (2.65 - 5.79)                         | 6.41                | (4.42 - 9.21)                         | *                 | (* - *)                             | 1.06              | (0.79 - 1.43)                       |
| Region 6                                                    | 5.29                | (4.35 - 6.40)                         | 5.40                | (4.22 - 6.88)                         | 0.16              | (0.11 - 0.24)                       | 0.89              | (0.72 - 1.11)                       |
| Region 6a                                                   | 5.43                | (4.42 - 6.65)                         | 5.38                | (4.13 - 6.98)                         | 0.16              | (0.10 - 0.24)                       | 0.89              | (0.71 - 1.12)                       |
| Region 6bc                                                  | 4.05                | (2.70 - 6.04)                         | 5.59                | (3.83 - 8.09)                         | *                 | (* - *)                             | 0.89              | (0.66 - 1.22)                       |
| Region 7                                                    | 4.93                | (3.89 - 6.24)                         | 7.52                | (5.91 - 9.53)                         | 0.24              | (0.17 - 0.33)                       | 1.49              | (1.21 - 1.83)                       |
| Region 7a                                                   | 5.58                | (4.15 - 7.46)                         | 8.48                | (6.22 - 11.47)                        | 0.26              | (0.17 - 0.39)                       | 1.54              | (1.18 - 1.99)                       |
| Region 7bcd                                                 | 3.78                | (2.70 - 5.26)                         | 6.44                | (4.63 - 8.88)                         | 0.20              | (0.14 - 0.29)                       | 1.42              | (1.07 - 1.88)                       |
| Region 8                                                    | 5.22                | (4.01 - 6.77)                         | 6.46                | (4.87 - 8.52)                         | 0.20              | (0.14 - 0.30)                       | 1.07              | (0.85 - 1.36)                       |
| Region 9                                                    | 5.92                | (4.01 - 8.66)                         | 6.86                | (4.62 - 10.05)                        | *                 | (* - *)                             | 1.13              | (0.82 - 1.54)                       |
| Region 10                                                   | 4.56                | (3.12 - 6.63)                         | 4.74                | (3.37 - 6.64)                         | *                 | (* - *)                             | 0.83              | (0.63 - 1.11)                       |
| Region 11                                                   | 4.37                | (3.42 - 5.57)                         | 3.65                | (2.79 - 4.75)                         | 0.11              | (0.07 - 0.17)                       | 0.66              | (0.52 - 0.83)                       |
| Region 11abd                                                | 4.72                | (3.46 - 6.40)                         | 3.75                | (2.70 - 5.20)                         | *                 | (* - *)                             | 0.67              | (0.51 - 0.88)                       |
| Region 11c (Hidalgo)                                        | 3.85                | (2.66 - 5.54)                         | 3.49                | (2.42 - 5.00)                         | *                 | (* - *)                             | 0.64              | (0.47 - 0.88)                       |
| <b>Utah</b>                                                 | 3.32                | (2.74 - 4.02)                         | 5.45                | (4.41 - 6.72)                         | 0.25              | (0.17 - 0.38)                       | 1.20              | (0.98 - 1.45)                       |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | 3.26                | (2.20 - 4.81)                         | 5.22                | (3.62 - 7.48)                         | *                 | (* - *)                             | 1.23              | (0.90 - 1.69)                       |
| Central, Four Corners, San<br>Juan, and Southwest           | 3.54                | (2.49 - 5.01)                         | 4.96                | (3.56 - 6.88)                         | *                 | (* - *)                             | 1.06              | (0.79 - 1.40)                       |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.00              | (0.71 - 1.41)                       |
| Southwest                                                   | 3.85                | (2.49 - 5.91)                         | 5.16                | (3.42 - 7.71)                         | *                 | (* - *)                             | 1.09              | (0.77 - 1.54)                       |
| Davis County                                                | 3.10                | (2.07 - 4.62)                         | 5.75                | (3.87 - 8.46)                         | *                 | (* - *)                             | 1.14              | (0.82 - 1.57)                       |
| Salt Lake County                                            | 3.99                | (3.02 - 5.25)                         | 6.04                | (4.49 - 8.08)                         | 0.30              | (0.18 - 0.48)                       | 1.15              | (0.90 - 1.48)                       |
| Utah County                                                 | 2.14                | (1.46 - 3.15)                         | 5.07                | (3.57 - 7.16)                         | 0.21              | (0.12 - 0.34)                       | 1.43              | (1.04 - 1.95)                       |
| Weber, Morgan                                               | 3.48                | (2.35 - 5.14)                         | 5.29                | (3.59 - 7.72)                         | *                 | (* - *)                             | 1.05              | (0.77 - 1.44)                       |

See notes at end of table.

(continued)

**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 6.29                | (5.31 - 7.44)                         | 13.17               | (10.73 - 16.06)                       | 0.58              | (0.42 - 0.80)                       | 2.34              | (1.95 - 2.81)                       |
| Champlain Valley                      | 5.88                | (4.53 - 7.61)                         | 15.76               | (11.99 - 20.44)                       | 0.68              | (0.46 - 1.00)                       | 3.12              | (2.45 - 3.96)                       |
| Rural Northeast                       | 6.63                | (4.97 - 8.81)                         | 10.71               | (7.30 - 15.43)                        | 0.54              | (0.36 - 0.81)                       | 1.93              | (1.42 - 2.61)                       |
| Rural Southeast                       | 6.87                | (5.09 - 9.20)                         | 11.34               | (7.81 - 16.17)                        | 0.60              | (0.39 - 0.92)                       | 1.82              | (1.35 - 2.44)                       |
| Rural Southwest                       | 6.10                | (4.45 - 8.31)                         | 11.62               | (8.03 - 16.53)                        | 0.40              | (0.26 - 0.62)                       | 1.86              | (1.38 - 2.51)                       |
| <b>Virginia</b>                       | 4.93                | (4.28 - 5.68)                         | 7.98                | (6.77 - 9.37)                         | 0.30              | (0.23 - 0.39)                       | 1.37              | (1.19 - 1.58)                       |
| Region 1                              | 4.36                | (3.18 - 5.94)                         | 7.49                | (5.47 - 10.19)                        | 0.22              | (0.15 - 0.33)                       | 1.37              | (1.05 - 1.78)                       |
| Region 2                              | 3.86                | (2.97 - 5.00)                         | 6.94                | (5.23 - 9.16)                         | 0.35              | (0.24 - 0.51)                       | 1.10              | (0.88 - 1.38)                       |
| Region 3                              | 5.62                | (4.28 - 7.34)                         | 7.39                | (5.52 - 9.83)                         | 0.22              | (0.15 - 0.32)                       | 1.28              | (0.99 - 1.64)                       |
| Region 4                              | 6.14                | (4.68 - 8.03)                         | 8.58                | (6.27 - 11.63)                        | 0.32              | (0.22 - 0.47)                       | 1.56              | (1.20 - 2.04)                       |
| Region 5                              | 5.54                | (4.33 - 7.05)                         | 9.66                | (7.28 - 12.72)                        | 0.34              | (0.25 - 0.48)                       | 1.73              | (1.36 - 2.20)                       |
| <b>Washington</b>                     | 5.56                | (4.74 - 6.52)                         | 9.16                | (7.71 - 10.85)                        | 0.63              | (0.47 - 0.84)                       | 1.88              | (1.61 - 2.19)                       |
| Region 1                              | 6.43                | (5.00 - 8.24)                         | 8.09                | (6.19 - 10.50)                        | 0.56              | (0.40 - 0.81)                       | 1.87              | (1.49 - 2.33)                       |
| Greater Columbia and North<br>Central | 5.64                | (4.07 - 7.75)                         | 6.91                | (4.91 - 9.63)                         | 0.43              | (0.29 - 0.64)                       | 1.61              | (1.22 - 2.11)                       |
| Spokane                               | 7.85                | (5.48 - 11.13)                        | 10.71               | (7.30 - 15.44)                        | *                 | (* - *)                             | 2.37              | (1.73 - 3.23)                       |
| Region 2                              | 4.66                | (3.62 - 5.99)                         | 9.54                | (7.46 - 12.13)                        | 0.60              | (0.42 - 0.86)                       | 1.81              | (1.48 - 2.23)                       |
| King                                  | 4.19                | (3.01 - 5.80)                         | 10.00               | (7.39 - 13.39)                        | 0.66              | (0.44 - 0.98)                       | 1.85              | (1.45 - 2.35)                       |
| North Sound                           | 5.44                | (3.89 - 7.56)                         | 8.81                | (6.23 - 12.32)                        | 0.51              | (0.34 - 0.75)                       | 1.76              | (1.33 - 2.32)                       |
| Region 3                              | 6.14                | (4.98 - 7.54)                         | 9.55                | (7.70 - 11.79)                        | 0.71              | (0.51 - 0.99)                       | 1.98              | (1.64 - 2.39)                       |
| Pierce                                | 6.22                | (4.50 - 8.54)                         | 8.82                | (6.33 - 12.16)                        | 0.94              | (0.62 - 1.43)                       | 2.21              | (1.69 - 2.89)                       |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.76              | (1.28 - 2.43)                       |
| SW WA and Great Rivers                | 5.35                | (3.63 - 7.80)                         | 10.08               | (7.04 - 14.22)                        | *                 | (* - *)                             | 1.88              | (1.40 - 2.51)                       |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |

See notes at end of table.

(continued)

**Table 3 First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 5.19                | (4.42 - 6.09)                         | 7.52                | (6.20 - 9.08)                         | 0.23              | (0.17 - 0.31)                       | 1.10              | (0.93 - 1.31)                       |
| Region I                      | 5.25                | (3.56 - 7.68)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.04              | (0.75 - 1.45)                       |
| Region II                     | 5.29                | (3.88 - 7.18)                         | 6.73                | (4.57 - 9.80)                         | 0.29              | (0.20 - 0.43)                       | 1.12              | (0.83 - 1.52)                       |
| Region III                    | 6.46                | (4.53 - 9.14)                         | 6.30                | (4.26 - 9.22)                         | *                 | (* - *)                             | 0.88              | (0.65 - 1.19)                       |
| Region IV                     | 5.22                | (3.90 - 6.96)                         | 9.53                | (7.01 - 12.83)                        | 0.28              | (0.19 - 0.42)                       | 1.71              | (1.32 - 2.22)                       |
| Region V                      | 4.38                | (3.21 - 5.94)                         | 7.19                | (5.23 - 9.79)                         | 0.18              | (0.12 - 0.28)                       | 0.93              | (0.71 - 1.21)                       |
| Region VI                     | 5.71                | (4.16 - 7.79)                         | 6.02                | (4.28 - 8.39)                         | 0.21              | (0.14 - 0.31)                       | 0.82              | (0.62 - 1.08)                       |
| <b>Wisconsin</b>              | 5.93                | (5.07 - 6.93)                         | 8.69                | (7.27 - 10.37)                        | 0.39              | (0.29 - 0.51)                       | 1.58              | (1.35 - 1.86)                       |
| Milwaukee                     | 7.37                | (5.35 - 10.06)                        | 9.80                | (7.02 - 13.51)                        | 0.58              | (0.40 - 0.85)                       | 2.18              | (1.67 - 2.84)                       |
| Northeastern                  | 5.01                | (3.64 - 6.86)                         | 7.12                | (5.09 - 9.88)                         | 0.33              | (0.23 - 0.47)                       | 1.24              | (0.95 - 1.62)                       |
| Northern                      | 5.59                | (3.85 - 8.05)                         | 7.19                | (4.90 - 10.42)                        | *                 | (* - *)                             | 1.27              | (0.93 - 1.73)                       |
| Southeastern                  | 5.88                | (4.42 - 7.77)                         | 9.18                | (6.59 - 12.65)                        | 0.38              | (0.25 - 0.56)                       | 1.63              | (1.24 - 2.14)                       |
| Southern                      | 5.56                | (4.08 - 7.53)                         | 7.90                | (5.76 - 10.75)                        | 0.35              | (0.23 - 0.51)                       | 1.41              | (1.07 - 1.83)                       |
| Western                       | 6.42                | (4.59 - 8.90)                         | 11.20               | (8.00 - 15.45)                        | *                 | (* - *)                             | 1.96              | (1.47 - 2.60)                       |
| <b>Wyoming</b>                | 5.25                | (4.44 - 6.21)                         | 7.94                | (6.63 - 9.49)                         | 0.35              | (0.26 - 0.48)                       | 1.41              | (1.20 - 1.66)                       |
| Judicial District 1 (Laramie) | 7.32                | (5.23 - 10.16)                        | 7.79                | (5.38 - 11.15)                        | 0.33              | (0.20 - 0.54)                       | 1.27              | (0.94 - 1.72)                       |
| Judicial District 2           | 5.14                | (3.51 - 7.46)                         | 8.85                | (6.41 - 12.09)                        | *                 | (* - *)                             | 2.69              | (2.01 - 3.59)                       |
| Judicial District 3           | 4.20                | (2.96 - 5.92)                         | 7.01                | (4.88 - 9.96)                         | 0.35              | (0.24 - 0.51)                       | 1.24              | (0.93 - 1.64)                       |
| Judicial District 4           | 4.89                | (3.17 - 7.48)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.16              | (0.82 - 1.62)                       |
| Judicial District 5           | 3.44                | (2.27 - 5.18)                         | 5.96                | (3.98 - 8.83)                         | *                 | (* - *)                             | 0.93              | (0.68 - 1.26)                       |
| Judicial District 6           | 5.41                | (3.83 - 7.60)                         | 7.40                | (5.23 - 10.37)                        | *                 | (* - *)                             | 1.25              | (0.94 - 1.68)                       |
| Judicial District 7 (Natrona) | 4.94                | (3.48 - 6.96)                         | 10.40               | (7.34 - 14.54)                        | 0.35              | (0.22 - 0.57)                       | 1.53              | (1.15 - 2.05)                       |
| Judicial District 8           | 5.57                | (3.78 - 8.11)                         | 7.44                | (5.10 - 10.73)                        | *                 | (* - *)                             | 1.15              | (0.86 - 1.55)                       |
| Judicial District 9           | 5.81                | (4.00 - 8.35)                         | 8.16                | (5.60 - 11.74)                        | 0.56              | (0.37 - 0.83)                       | 1.48              | (1.11 - 1.99)                       |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: The substate, state, and census region Bayesian confidence (credible) intervals presented here use a simultaneous solution for the First Use of Marijuana and Never Used Marijuana outcomes, which had age group-specific random effects that were allowed to be correlated across the two outcomes. The associated Markov Chain Monte Carlo chains were used to calculate the posterior variance. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: *Average annual initiation of marijuana (%)* =  $100 * \{[X_1 \div (0.5 * X_1 + X_2)] \div 2\}$ , where  $X_1$  is the number of marijuana initiates in the past 24 months and  $X_2$  is the number of individuals who never used marijuana (with the at-risk population defined as  $0.5 * X_1 + X_2$ ). Both of the computation components,  $X_1$  and  $X_2$ , are based on a survey-weighted hierarchical Bayes estimation approach. The age group shown is based on a respondent's age at the time of the interview, not his or her age at first use. For details, see Section B of the "2015-2016 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 0.61                | (0.53 - 0.71)                         | 5.17                | (4.89 - 5.47)                         | 1.38              | (1.29 - 1.47)                       | 1.92              | (1.84 - 2.01)                       |
| <b>Northeast</b>           | 0.60                | (0.48 - 0.76)                         | 6.17                | (5.65 - 6.74)                         | 1.79              | (1.58 - 2.02)                       | 2.40              | (2.20 - 2.62)                       |
| <b>Midwest</b>             | 0.52                | (0.42 - 0.66)                         | 4.23                | (3.84 - 4.64)                         | 1.07              | (0.93 - 1.22)                       | 1.52              | (1.39 - 1.67)                       |
| <b>South</b>               | 0.49                | (0.39 - 0.61)                         | 4.39                | (4.05 - 4.75)                         | 1.19              | (1.06 - 1.33)                       | 1.64              | (1.52 - 1.77)                       |
| <b>West</b>                | 0.89                | (0.70 - 1.13)                         | 6.48                | (5.92 - 7.09)                         | 1.66              | (1.47 - 1.87)                       | 2.37              | (2.18 - 2.57)                       |
| <b>Alabama</b>             | 0.33                | (0.19 - 0.57)                         | 3.12                | (2.23 - 4.35)                         | 0.97              | (0.64 - 1.46)                       | 1.27              | (0.91 - 1.79)                       |
| Region 1                   | 0.44                | (0.23 - 0.82)                         | 2.71                | (1.62 - 4.51)                         | 0.65              | (0.35 - 1.19)                       | 0.91              | (0.55 - 1.52)                       |
| Region 2                   | 0.31                | (0.16 - 0.60)                         | 4.59                | (2.88 - 7.24)                         | 1.35              | (0.78 - 2.35)                       | 1.83              | (1.15 - 2.89)                       |
| Region 3                   | *                   | (* - *)                               | 2.21                | (1.22 - 3.96)                         | 0.96              | (0.51 - 1.81)                       | 1.17              | (0.67 - 2.06)                       |
| Region 4                   | *                   | (* - *)                               | 2.22                | (1.24 - 3.97)                         | 0.83              | (0.43 - 1.59)                       | 1.01              | (0.57 - 1.81)                       |
| <b>Alaska</b>              | 0.76                | (0.47 - 1.21)                         | 5.79                | (4.43 - 7.55)                         | 1.64              | (1.19 - 2.26)                       | 2.29              | (1.78 - 2.95)                       |
| Anchorage                  | 0.63                | (0.36 - 1.08)                         | 6.76                | (4.75 - 9.53)                         | 1.77              | (1.17 - 2.67)                       | 2.56              | (1.85 - 3.53)                       |
| Northern                   | 0.74                | (0.41 - 1.34)                         | 3.72                | (2.23 - 6.14)                         | 1.46              | (0.85 - 2.48)                       | 1.87              | (1.18 - 2.95)                       |
| South Central              | 0.93                | (0.52 - 1.65)                         | 6.44                | (4.03 - 10.14)                        | 1.69              | (1.02 - 2.79)                       | 2.37              | (1.53 - 3.64)                       |
| Southeast                  | *                   | (* - *)                               | *                   | (* - *)                               | 1.38              | (0.76 - 2.48)                       | 1.91              | (1.13 - 3.21)                       |
| <b>Arizona</b>             | 0.97                | (0.60 - 1.54)                         | 6.14                | (4.73 - 7.94)                         | 1.67              | (1.20 - 2.30)                       | 2.32              | (1.80 - 2.98)                       |
| Central                    | 0.93                | (0.55 - 1.55)                         | 6.07                | (4.41 - 8.30)                         | 1.59              | (1.07 - 2.34)                       | 2.24              | (1.65 - 3.04)                       |
| North                      | *                   | (* - *)                               | 6.36                | (3.76 - 10.56)                        | 1.66              | (0.92 - 2.99)                       | 2.31              | (1.39 - 3.81)                       |
| South                      | 0.99                | (0.58 - 1.68)                         | 6.20                | (4.17 - 9.13)                         | 1.84              | (1.17 - 2.87)                       | 2.48              | (1.70 - 3.61)                       |
| South A                    | 1.01                | (0.55 - 1.87)                         | 7.85                | (4.92 - 12.31)                        | 2.21              | (1.30 - 3.73)                       | 3.03              | (1.94 - 4.71)                       |
| South B                    | 0.97                | (0.53 - 1.76)                         | 4.21                | (2.33 - 7.49)                         | 1.38              | (0.74 - 2.54)                       | 1.80              | (1.04 - 3.11)                       |
| <b>Arkansas</b>            | 0.45                | (0.27 - 0.74)                         | 3.00                | (2.12 - 4.22)                         | 0.90              | (0.61 - 1.33)                       | 1.20              | (0.86 - 1.68)                       |
| Catchment Area 1           | *                   | (* - *)                               | 2.99                | (1.64 - 5.42)                         | 0.74              | (0.39 - 1.40)                       | 1.10              | (0.63 - 1.92)                       |
| Catchment Area 2           | *                   | (* - *)                               | 2.81                | (1.51 - 5.16)                         | 0.64              | (0.32 - 1.28)                       | 0.91              | (0.50 - 1.66)                       |
| Catchment Area 3           | *                   | (* - *)                               | 2.28                | (1.25 - 4.14)                         | 0.93              | (0.49 - 1.75)                       | 1.13              | (0.63 - 2.00)                       |
| Catchment Area 4           | *                   | (* - *)                               | 2.59                | (1.37 - 4.86)                         | 0.71              | (0.37 - 1.36)                       | 0.97              | (0.54 - 1.74)                       |
| Catchment Area 5           | *                   | (* - *)                               | 3.37                | (1.90 - 5.90)                         | 0.90              | (0.48 - 1.69)                       | 1.30              | (0.75 - 2.24)                       |
| Catchment Area 6           | *                   | (* - *)                               | *                   | (* - *)                               | 1.25              | (0.64 - 2.42)                       | 1.37              | (0.74 - 2.53)                       |
| Catchment Area 7           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.11              | (0.59 - 2.10)                       |
| Catchment Area 8           | *                   | (* - *)                               | 4.05                | (2.32 - 6.97)                         | 1.15              | (0.64 - 2.05)                       | 1.53              | (0.91 - 2.55)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 0.91                | (0.66 - 1.26)                         | 7.12                | (6.26 - 8.10)                         | 1.79              | (1.51 - 2.13)                       | 2.59              | (2.30 - 2.93)                       |
| Region 1R                   | 1.37                | (0.81 - 2.30)                         | *                   | (* - *)                               | 1.75              | (1.04 - 2.93)                       | 2.59              | (1.65 - 4.04)                       |
| Region 2R                   | 1.08                | (0.66 - 1.76)                         | *                   | (* - *)                               | 1.48              | (0.91 - 2.41)                       | 2.62              | (1.73 - 3.96)                       |
| Region 3R (Sacramento)      | 0.70                | (0.43 - 1.16)                         | 6.16                | (3.94 - 9.52)                         | 1.71              | (1.06 - 2.74)                       | 2.36              | (1.56 - 3.56)                       |
| Region 4R                   | 0.82                | (0.50 - 1.35)                         | *                   | (* - *)                               | 1.57              | (0.96 - 2.55)                       | 2.47              | (1.62 - 3.74)                       |
| Region 5R (San Francisco)   | *                   | (* - *)                               | *                   | (* - *)                               | 4.65              | (2.95 - 7.25)                       | 5.57              | (3.72 - 8.26)                       |
| Region 6 (Santa Clara)      | 0.84                | (0.47 - 1.47)                         | 6.24                | (4.04 - 9.54)                         | 1.11              | (0.69 - 1.78)                       | 1.77              | (1.19 - 2.63)                       |
| Region 7R (Contra Costa)    | *                   | (* - *)                               | 8.49                | (5.49 - 12.91)                        | 1.50              | (0.91 - 2.47)                       | 2.42              | (1.60 - 3.66)                       |
| Region 8R (Alameda)         | *                   | (* - *)                               | 8.65                | (5.75 - 12.81)                        | 2.03              | (1.28 - 3.21)                       | 2.91              | (1.98 - 4.27)                       |
| Region 9R (San Mateo)       | *                   | (* - *)                               | *                   | (* - *)                               | 1.43              | (0.85 - 2.38)                       | 2.28              | (1.45 - 3.57)                       |
| Region 10                   | 1.09                | (0.64 - 1.85)                         | *                   | (* - *)                               | 1.89              | (1.13 - 3.15)                       | 3.73              | (2.50 - 5.51)                       |
| Region 11 (Los Angeles)     | 0.82                | (0.57 - 1.17)                         | 6.58                | (5.43 - 7.96)                         | 2.00              | (1.59 - 2.50)                       | 2.69              | (2.25 - 3.21)                       |
| LA SPA 1 and 5              | *                   | (* - *)                               | 7.41                | (4.69 - 11.51)                        | 2.32              | (1.44 - 3.72)                       | 3.09              | (2.03 - 4.66)                       |
| LA SPA 2                    | 0.75                | (0.46 - 1.24)                         | 7.20                | (4.78 - 10.72)                        | 1.73              | (1.11 - 2.68)                       | 2.49              | (1.72 - 3.60)                       |
| LA SPA 3                    | 0.75                | (0.45 - 1.25)                         | 5.92                | (3.75 - 9.21)                         | 1.29              | (0.79 - 2.10)                       | 1.97              | (1.30 - 2.99)                       |
| LA SPA 4                    | *                   | (* - *)                               | *                   | (* - *)                               | 3.95              | (2.59 - 5.99)                       | 4.73              | (3.23 - 6.89)                       |
| LA SPA 6                    | 1.04                | (0.62 - 1.74)                         | 4.59                | (2.75 - 7.56)                         | 2.06              | (1.21 - 3.48)                       | 2.56              | (1.59 - 4.08)                       |
| LA SPA 7                    | 0.92                | (0.55 - 1.55)                         | 5.49                | (3.37 - 8.82)                         | 1.30              | (0.76 - 2.22)                       | 2.00              | (1.27 - 3.14)                       |
| LA SPA 8                    | 0.72                | (0.43 - 1.21)                         | 6.28                | (4.04 - 9.63)                         | 1.95              | (1.26 - 3.00)                       | 2.57              | (1.74 - 3.77)                       |
| Region 12R                  | *                   | (* - *)                               | 5.07                | (2.99 - 8.47)                         | 1.68              | (0.95 - 2.94)                       | 2.20              | (1.33 - 3.63)                       |
| Regions 13 and 19R          | 1.05                | (0.66 - 1.67)                         | 4.07                | (2.67 - 6.15)                         | 1.31              | (0.83 - 2.05)                       | 1.76              | (1.21 - 2.57)                       |
| Region 14 (Orange)          | 0.95                | (0.57 - 1.58)                         | 8.21                | (5.54 - 12.01)                        | 1.52              | (0.99 - 2.34)                       | 2.49              | (1.75 - 3.54)                       |
| Region 15R (Fresno)         | *                   | (* - *)                               | 4.45                | (2.66 - 7.33)                         | 1.71              | (1.02 - 2.88)                       | 2.20              | (1.38 - 3.47)                       |
| Region 16R (San Diego)      | 0.95                | (0.59 - 1.51)                         | 9.60                | (6.82 - 13.36)                        | 1.97              | (1.35 - 2.86)                       | 3.16              | (2.34 - 4.25)                       |
| Region 17R                  | 1.10                | (0.67 - 1.80)                         | 4.05                | (2.56 - 6.35)                         | 1.58              | (1.00 - 2.49)                       | 2.01              | (1.34 - 3.00)                       |
| Region 18R (San Bernardino) | 0.94                | (0.58 - 1.53)                         | 4.04                | (2.52 - 6.43)                         | 1.53              | (0.94 - 2.47)                       | 1.96              | (1.28 - 2.99)                       |
| Region 20R                  | *                   | (* - *)                               | 4.80                | (2.81 - 8.10)                         | 1.73              | (1.03 - 2.91)                       | 2.25              | (1.39 - 3.61)                       |
| Region 21R                  | 1.25                | (0.74 - 2.09)                         | *                   | (* - *)                               | 1.57              | (0.93 - 2.63)                       | 2.87              | (1.85 - 4.44)                       |

See notes at end of table.

(continued)



**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 1.12                | (0.73 - 1.72)                         | 7.87                | (6.20 - 9.94)                         | 1.81              | (1.33 - 2.45)                       | 2.68              | (2.12 - 3.38)                       |
| Region 1                                  | 1.40                | (0.79 - 2.46)                         | 8.02                | (5.09 - 12.42)                        | 1.71              | (1.01 - 2.86)                       | 2.62              | (1.70 - 4.01)                       |
| Region 2                                  | *                   | (* - *)                               | *                   | (* - *)                               | 1.56              | (0.85 - 2.85)                       | 2.27              | (1.34 - 3.84)                       |
| Region 3                                  | 1.01                | (0.60 - 1.69)                         | 7.35                | (4.87 - 10.95)                        | 1.87              | (1.17 - 2.97)                       | 2.63              | (1.79 - 3.86)                       |
| Region 4                                  | *                   | (* - *)                               | 5.01                | (2.84 - 8.69)                         | 1.49              | (0.83 - 2.67)                       | 1.98              | (1.17 - 3.32)                       |
| Region 5                                  | *                   | (* - *)                               | *                   | (* - *)                               | 2.81              | (1.72 - 4.55)                       | 3.90              | (2.59 - 5.83)                       |
| Region 6                                  | 1.36                | (0.77 - 2.39)                         | *                   | (* - *)                               | 1.66              | (0.98 - 2.82)                       | 2.92              | (1.90 - 4.46)                       |
| Region 7                                  | 0.93                | (0.51 - 1.69)                         | 5.30                | (3.06 - 9.01)                         | 1.34              | (0.75 - 2.41)                       | 1.98              | (1.19 - 3.28)                       |
| <b>Connecticut</b>                        | 0.64                | (0.40 - 1.02)                         | 8.03                | (6.33 - 10.14)                        | 1.68              | (1.22 - 2.32)                       | 2.57              | (2.02 - 3.26)                       |
| Eastern                                   | *                   | (* - *)                               | *                   | (* - *)                               | 1.52              | (0.86 - 2.68)                       | 2.61              | (1.63 - 4.14)                       |
| North Central                             | 0.64                | (0.35 - 1.14)                         | 8.69                | (5.83 - 12.76)                        | 2.06              | (1.28 - 3.28)                       | 2.95              | (2.01 - 4.30)                       |
| Northwestern                              | 0.70                | (0.39 - 1.24)                         | 8.80                | (5.61 - 13.54)                        | 1.51              | (0.88 - 2.57)                       | 2.43              | (1.56 - 3.74)                       |
| South Central                             | 0.65                | (0.37 - 1.15)                         | 7.46                | (4.85 - 11.32)                        | 1.56              | (0.95 - 2.56)                       | 2.40              | (1.60 - 3.59)                       |
| Southwest                                 | *                   | (* - *)                               | 7.39                | (4.68 - 11.48)                        | 1.53              | (0.90 - 2.61)                       | 2.32              | (1.49 - 3.60)                       |
| <b>Delaware</b>                           | 0.43                | (0.25 - 0.74)                         | 5.87                | (4.48 - 7.66)                         | 1.57              | (1.13 - 2.17)                       | 2.15              | (1.66 - 2.78)                       |
| Kent                                      | 0.42                | (0.22 - 0.81)                         | 3.37                | (1.96 - 5.74)                         | 1.53              | (0.89 - 2.63)                       | 1.81              | (1.10 - 2.97)                       |
| New Castle (excluding<br>Wilmington City) | 0.41                | (0.22 - 0.77)                         | 7.38                | (5.34 - 10.12)                        | 1.58              | (1.05 - 2.36)                       | 2.42              | (1.78 - 3.28)                       |
| Sussex                                    | *                   | (* - *)                               | 5.07                | (2.98 - 8.48)                         | 1.33              | (0.75 - 2.35)                       | 1.71              | (1.02 - 2.84)                       |
| Wilmington City                           | *                   | (* - *)                               | *                   | (* - *)                               | 2.27              | (1.22 - 4.19)                       | 2.45              | (1.37 - 4.36)                       |
| <b>District of Columbia</b>               | 0.25                | (0.13 - 0.48)                         | 6.53                | (4.94 - 8.59)                         | 3.02              | (2.27 - 4.01)                       | 3.62              | (2.85 - 4.59)                       |
| Ward 1                                    | *                   | (* - *)                               | 5.95                | (3.58 - 9.73)                         | 3.41              | (2.06 - 5.61)                       | 3.87              | (2.47 - 6.02)                       |
| Ward 2                                    | *                   | (* - *)                               | *                   | (* - *)                               | 3.39              | (2.05 - 5.56)                       | 5.21              | (3.47 - 7.74)                       |
| Ward 3                                    | *                   | (* - *)                               | *                   | (* - *)                               | 2.03              | (1.21 - 3.39)                       | 3.26              | (2.11 - 5.01)                       |
| Ward 4                                    | *                   | (* - *)                               | 5.70                | (3.26 - 9.76)                         | 2.79              | (1.60 - 4.84)                       | 3.12              | (1.86 - 5.19)                       |
| Ward 5                                    | *                   | (* - *)                               | 6.09                | (3.57 - 10.21)                        | 3.26              | (1.88 - 5.60)                       | 3.73              | (2.28 - 6.07)                       |
| Ward 6                                    | *                   | (* - *)                               | 6.09                | (3.74 - 9.76)                         | 2.54              | (1.55 - 4.13)                       | 2.98              | (1.92 - 4.59)                       |
| Ward 7                                    | *                   | (* - *)                               | 2.98                | (1.67 - 5.27)                         | 3.80              | (2.19 - 6.52)                       | 3.66              | (2.17 - 6.10)                       |
| Ward 8                                    | *                   | (* - *)                               | 2.21                | (1.19 - 4.07)                         | 3.12              | (1.74 - 5.53)                       | 2.94              | (1.69 - 5.05)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 0.53                | (0.37 - 0.74)                         | 5.55                | (4.74 - 6.48)                         | 1.38              | (1.10 - 1.73)                       | 1.90              | (1.61 - 2.24)                       |
| Broward (Circuit 17)                                                    | 0.40                | (0.24 - 0.67)                         | 5.61                | (3.71 - 8.39)                         | 1.45              | (0.88 - 2.39)                       | 1.96              | (1.29 - 2.96)                       |
| Central I                                                               | 0.53                | (0.34 - 0.81)                         | 5.82                | (4.32 - 7.80)                         | 1.62              | (1.13 - 2.32)                       | 2.22              | (1.66 - 2.97)                       |
| Circuit 9                                                               | 0.47                | (0.28 - 0.78)                         | 5.15                | (3.51 - 7.50)                         | 1.70              | (1.09 - 2.65)                       | 2.25              | (1.56 - 3.23)                       |
| Circuit 18                                                              | 0.63                | (0.37 - 1.05)                         | 7.11                | (4.53 - 10.98)                        | 1.51              | (0.89 - 2.56)                       | 2.19              | (1.40 - 3.41)                       |
| Central II                                                              | 0.60                | (0.41 - 0.86)                         | 5.97                | (4.74 - 7.49)                         | 1.29              | (0.95 - 1.75)                       | 1.81              | (1.42 - 2.31)                       |
| Circuit 6                                                               | 0.62                | (0.38 - 1.02)                         | 6.03                | (3.94 - 9.13)                         | 1.35              | (0.83 - 2.21)                       | 1.83              | (1.20 - 2.76)                       |
| Circuit 10                                                              | 0.56                | (0.32 - 0.95)                         | 4.30                | (2.64 - 6.92)                         | 1.38              | (0.80 - 2.35)                       | 1.74              | (1.08 - 2.79)                       |
| Circuit 12                                                              | *                   | (* - *)                               | *                   | (* - *)                               | 1.10              | (0.61 - 1.97)                       | 1.71              | (1.05 - 2.77)                       |
| Circuit 13 (Hillsborough)                                               | 0.49                | (0.30 - 0.80)                         | 5.72                | (3.81 - 8.52)                         | 1.47              | (0.90 - 2.38)                       | 2.06              | (1.38 - 3.07)                       |
| Circuit 20                                                              | *                   | (* - *)                               | 6.51                | (4.01 - 10.40)                        | 1.10              | (0.62 - 1.93)                       | 1.64              | (1.01 - 2.65)                       |
| Northeast                                                               | 0.51                | (0.34 - 0.77)                         | 4.95                | (3.74 - 6.53)                         | 1.32              | (0.94 - 1.85)                       | 1.78              | (1.35 - 2.35)                       |
| Circuit 4                                                               | *                   | (* - *)                               | 4.43                | (2.68 - 7.23)                         | 1.39              | (0.80 - 2.43)                       | 1.81              | (1.11 - 2.94)                       |
| Circuit 5                                                               | *                   | (* - *)                               | 4.23                | (2.52 - 7.01)                         | 1.03              | (0.57 - 1.84)                       | 1.33              | (0.80 - 2.21)                       |
| Circuit 7                                                               | *                   | (* - *)                               | 6.97                | (4.42 - 10.81)                        | 1.59              | (0.94 - 2.69)                       | 2.21              | (1.41 - 3.45)                       |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | *                   | (* - *)                               | 4.46                | (2.54 - 7.73)                         | 1.34              | (0.75 - 2.37)                       | 1.95              | (1.17 - 3.23)                       |
| Northwest                                                               | 0.52                | (0.33 - 0.80)                         | 6.33                | (4.72 - 8.46)                         | 1.78              | (1.24 - 2.54)                       | 2.51              | (1.88 - 3.34)                       |
| Circuit 1                                                               | *                   | (* - *)                               | 7.32                | (4.83 - 10.95)                        | 1.82              | (1.10 - 2.98)                       | 2.60              | (1.72 - 3.91)                       |
| Circuit 2 plus Madison and<br>Taylor                                    | *                   | (* - *)                               | 5.78                | (3.67 - 8.99)                         | 1.83              | (1.09 - 3.06)                       | 2.67              | (1.73 - 4.09)                       |
| Circuit 14                                                              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 2.04              | (1.19 - 3.49)                       |
| South (Circuits 11 and 16)                                              | 0.50                | (0.30 - 0.84)                         | 3.56                | (2.26 - 5.59)                         | 1.11              | (0.70 - 1.76)                       | 1.43              | (0.96 - 2.13)                       |
| Southeast                                                               | 0.52                | (0.34 - 0.81)                         | 7.44                | (5.27 - 10.41)                        | 1.43              | (0.96 - 2.15)                       | 2.09              | (1.50 - 2.92)                       |
| Circuit 15 (Palm Beach)                                                 | 0.51                | (0.30 - 0.86)                         | 8.22                | (5.44 - 12.23)                        | 1.53              | (0.94 - 2.50)                       | 2.28              | (1.52 - 3.39)                       |
| Circuit 19                                                              | *                   | (* - *)                               | 5.66                | (3.37 - 9.35)                         | 1.22              | (0.68 - 2.17)                       | 1.69              | (1.02 - 2.80)                       |
| <b>Georgia</b>                                                          | 0.38                | (0.24 - 0.61)                         | 4.06                | (3.17 - 5.18)                         | 1.50              | (1.11 - 2.04)                       | 1.88              | (1.47 - 2.41)                       |
| Region 1                                                                | 0.53                | (0.31 - 0.90)                         | 3.99                | (2.54 - 6.20)                         | 0.97              | (0.58 - 1.62)                       | 1.37              | (0.90 - 2.08)                       |
| Region 2                                                                | *                   | (* - *)                               | 3.37                | (1.98 - 5.67)                         | 1.21              | (0.69 - 2.09)                       | 1.56              | (0.95 - 2.55)                       |
| Region 3                                                                | 0.30                | (0.15 - 0.58)                         | 5.74                | (4.07 - 8.06)                         | 2.51              | (1.63 - 3.83)                       | 2.97              | (2.08 - 4.23)                       |
| Region 4                                                                | *                   | (* - *)                               | 3.18                | (1.73 - 5.79)                         | 1.54              | (0.82 - 2.85)                       | 1.81              | (1.02 - 3.19)                       |
| Region 5                                                                | *                   | (* - *)                               | 3.05                | (1.79 - 5.17)                         | 1.06              | (0.58 - 1.91)                       | 1.38              | (0.83 - 2.31)                       |
| Region 6                                                                | *                   | (* - *)                               | 2.77                | (1.61 - 4.72)                         | 0.95              | (0.52 - 1.75)                       | 1.22              | (0.72 - 2.07)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 0.86                | (0.48 - 1.53)                         | 4.86                | (3.63 - 6.48)                         | 1.69              | (1.21 - 2.35)                       | 2.10              | (1.60 - 2.75)                       |
| Hawaii Island                   | 1.16                | (0.58 - 2.29)                         | 3.50                | (2.00 - 6.06)                         | 1.80              | (1.02 - 3.16)                       | 2.01              | (1.19 - 3.37)                       |
| Honolulu                        | 0.79                | (0.42 - 1.45)                         | 4.87                | (3.46 - 6.81)                         | 1.54              | (1.04 - 2.27)                       | 1.99              | (1.45 - 2.71)                       |
| Kauai                           | *                   | (* - *)                               | *                   | (* - *)                               | 2.22              | (1.17 - 4.17)                       | 2.61              | (1.46 - 4.64)                       |
| Maui                            | *                   | (* - *)                               | 6.15                | (3.55 - 10.46)                        | 2.25              | (1.28 - 3.93)                       | 2.71              | (1.62 - 4.47)                       |
| <b>Idaho</b>                    | 0.73                | (0.44 - 1.20)                         | 3.66                | (2.69 - 4.96)                         | 0.79              | (0.52 - 1.19)                       | 1.20              | (0.88 - 1.65)                       |
| Region 1                        | *                   | (* - *)                               | 4.14                | (2.21 - 7.62)                         | 0.72              | (0.35 - 1.44)                       | 1.12              | (0.61 - 2.05)                       |
| Region 2                        | *                   | (* - *)                               | 4.50                | (2.49 - 7.98)                         | *                 | (* - *)                             | 1.55              | (0.88 - 2.72)                       |
| Region 3                        | 0.71                | (0.38 - 1.32)                         | 1.94                | (1.05 - 3.55)                         | 0.61              | (0.31 - 1.21)                       | 0.80              | (0.44 - 1.46)                       |
| Region 4                        | 0.71                | (0.38 - 1.29)                         | 5.59                | (3.61 - 8.56)                         | 1.01              | (0.58 - 1.73)                       | 1.61              | (1.04 - 2.47)                       |
| Region 5                        | *                   | (* - *)                               | 2.61                | (1.43 - 4.70)                         | 0.58              | (0.30 - 1.14)                       | 0.86              | (0.48 - 1.53)                       |
| Region 6                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.21              | (0.66 - 2.21)                       |
| Region 7                        | 0.72                | (0.39 - 1.32)                         | 2.59                | (1.43 - 4.65)                         | 0.66              | (0.35 - 1.26)                       | 1.02              | (0.58 - 1.77)                       |
| <b>Illinois</b>                 | 0.57                | (0.39 - 0.84)                         | 4.97                | (4.08 - 6.03)                         | 1.35              | (1.04 - 1.75)                       | 1.86              | (1.53 - 2.27)                       |
| Region 1 (Cook)                 | 0.42                | (0.26 - 0.67)                         | 4.57                | (3.50 - 5.96)                         | 1.67              | (1.22 - 2.28)                       | 2.07              | (1.60 - 2.67)                       |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 1.80              | (1.03 - 3.13)                       | 2.28              | (1.38 - 3.76)                       |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 1.29              | (0.71 - 2.33)                       | 1.76              | (1.03 - 2.99)                       |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | *                   | (* - *)                               | 2.58              | (1.47 - 4.49)                       | 3.41              | (2.07 - 5.56)                       |
| Region 1.4 (West Side)          | *                   | (* - *)                               | 3.72                | (2.14 - 6.41)                         | 2.72              | (1.56 - 4.68)                       | 2.88              | (1.72 - 4.78)                       |
| Region 1.5 (South Side)         | *                   | (* - *)                               | 3.38                | (1.92 - 5.89)                         | 2.62              | (1.39 - 4.90)                       | 2.73              | (1.53 - 4.85)                       |
| Region 1.6 (Southwest Side)     | *                   | (* - *)                               | 3.08                | (1.69 - 5.54)                         | 1.72              | (0.90 - 3.25)                       | 1.94              | (1.08 - 3.47)                       |
| Region 1.7 (Suburban Cook)      | 0.43                | (0.25 - 0.75)                         | 4.30                | (2.84 - 6.46)                         | 1.06              | (0.64 - 1.73)                       | 1.47              | (0.98 - 2.22)                       |
| Region 2                        | 0.67                | (0.44 - 1.02)                         | 4.89                | (3.67 - 6.50)                         | 1.08              | (0.77 - 1.53)                       | 1.63              | (1.24 - 2.13)                       |
| Region 2a (DuPage)              | 0.67                | (0.39 - 1.15)                         | 5.37                | (3.28 - 8.66)                         | 1.07              | (0.63 - 1.80)                       | 1.64              | (1.05 - 2.56)                       |
| Region 2b                       | 0.68                | (0.42 - 1.12)                         | 4.90                | (3.28 - 7.26)                         | 1.07              | (0.68 - 1.71)                       | 1.63              | (1.12 - 2.37)                       |
| Region 2c (Winnebago)           | *                   | (* - *)                               | *                   | (* - *)                               | 1.19              | (0.63 - 2.25)                       | 1.57              | (0.89 - 2.75)                       |
| Region 2d                       | *                   | (* - *)                               | 4.63                | (2.74 - 7.73)                         | 1.07              | (0.60 - 1.91)                       | 1.61              | (0.98 - 2.64)                       |
| Region 3                        | 0.65                | (0.39 - 1.07)                         | 5.98                | (4.21 - 8.42)                         | 1.16              | (0.74 - 1.80)                       | 1.95              | (1.39 - 2.74)                       |
| Region 3a (Champaign)           | *                   | (* - *)                               | 6.65                | (4.08 - 10.66)                        | *                 | (* - *)                             | 3.13              | (1.98 - 4.92)                       |
| Region 3b                       | 0.66                | (0.39 - 1.13)                         | 5.76                | (3.76 - 8.72)                         | 1.07              | (0.64 - 1.78)                       | 1.75              | (1.17 - 2.62)                       |
| Region 4                        | 0.70                | (0.41 - 1.18)                         | 4.84                | (3.04 - 7.62)                         | 1.05              | (0.65 - 1.68)                       | 1.56              | (1.03 - 2.36)                       |
| Region 4a (Sangamon)            | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.66              | (0.97 - 2.82)                       |
| Region 4b                       | 0.75                | (0.42 - 1.32)                         | 4.92                | (2.86 - 8.34)                         | 0.99              | (0.56 - 1.74)                       | 1.53              | (0.93 - 2.51)                       |
| Region 5                        | 0.65                | (0.39 - 1.07)                         | 5.55                | (3.82 - 8.01)                         | 1.32              | (0.86 - 2.01)                       | 1.90              | (1.32 - 2.72)                       |
| Region 5a                       | *                   | (* - *)                               | 6.07                | (3.68 - 9.85)                         | 1.44              | (0.83 - 2.51)                       | 2.07              | (1.28 - 3.34)                       |
| Region 5b                       | *                   | (* - *)                               | 5.15                | (3.11 - 8.41)                         | 1.22              | (0.70 - 2.11)                       | 1.76              | (1.09 - 2.83)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 0.48                | (0.29 - 0.78)                         | 3.62                | (2.65 - 4.94)                         | 0.83              | (0.56 - 1.23)                       | 1.25              | (0.92 - 1.71)                       |
| Central                                     | 0.41                | (0.23 - 0.76)                         | 3.66                | (2.21 - 5.98)                         | 0.89              | (0.50 - 1.58)                       | 1.28              | (0.79 - 2.07)                       |
| East                                        | *                   | (* - *)                               | 3.51                | (1.97 - 6.17)                         | 0.82              | (0.43 - 1.57)                       | 1.25              | (0.72 - 2.17)                       |
| North Central                               | *                   | (* - *)                               | 3.35                | (1.85 - 5.99)                         | 0.78              | (0.40 - 1.51)                       | 1.15              | (0.65 - 2.04)                       |
| Northeast                                   | *                   | (* - *)                               | 3.42                | (1.89 - 6.10)                         | 0.87              | (0.45 - 1.66)                       | 1.24              | (0.70 - 2.17)                       |
| Northwest                                   | *                   | (* - *)                               | 3.60                | (1.99 - 6.40)                         | 0.93              | (0.48 - 1.78)                       | 1.30              | (0.74 - 2.29)                       |
| Southeast                                   | *                   | (* - *)                               | 3.66                | (2.00 - 6.61)                         | 0.72              | (0.37 - 1.40)                       | 1.09              | (0.61 - 1.94)                       |
| Southwest                                   | *                   | (* - *)                               | 3.34                | (1.81 - 6.08)                         | *                 | (* - *)                             | 1.03              | (0.58 - 1.85)                       |
| West                                        | *                   | (* - *)                               | 4.07                | (2.32 - 7.07)                         | 0.85              | (0.45 - 1.61)                       | 1.56              | (0.92 - 2.65)                       |
| <b>Iowa</b>                                 | 0.47                | (0.27 - 0.84)                         | 3.52                | (2.54 - 4.87)                         | 0.68              | (0.44 - 1.06)                       | 1.11              | (0.80 - 1.55)                       |
| Central                                     | *                   | (* - *)                               | 3.94                | (2.30 - 6.67)                         | 0.75              | (0.39 - 1.42)                       | 1.20              | (0.71 - 2.03)                       |
| North Central                               | *                   | (* - *)                               | 3.37                | (1.83 - 6.12)                         | 0.58              | (0.29 - 1.16)                       | 1.11              | (0.62 - 1.97)                       |
| Northeast                                   | 0.44                | (0.23 - 0.86)                         | 3.88                | (2.40 - 6.23)                         | 0.81              | (0.45 - 1.48)                       | 1.28              | (0.79 - 2.06)                       |
| Northwest                                   | *                   | (* - *)                               | 2.98                | (1.65 - 5.33)                         | 0.56              | (0.28 - 1.12)                       | 0.90              | (0.50 - 1.59)                       |
| Southeast                                   | 0.45                | (0.23 - 0.85)                         | 3.42                | (1.93 - 5.99)                         | 0.66              | (0.35 - 1.25)                       | 1.10              | (0.64 - 1.88)                       |
| Southwest                                   | *                   | (* - *)                               | 3.07                | (1.62 - 5.74)                         | 0.58              | (0.29 - 1.18)                       | 0.90              | (0.49 - 1.65)                       |
| <b>Kansas</b>                               | 0.67                | (0.42 - 1.08)                         | 3.64                | (2.61 - 5.06)                         | 0.77              | (0.51 - 1.18)                       | 1.22              | (0.88 - 1.68)                       |
| Northeast                                   | 0.62                | (0.36 - 1.07)                         | 3.64                | (2.35 - 5.59)                         | 0.76              | (0.44 - 1.29)                       | 1.22              | (0.81 - 1.85)                       |
| Northwest and North Central                 | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.43              | (0.77 - 2.64)                       |
| South Central                               | 0.64                | (0.36 - 1.16)                         | 3.28                | (1.96 - 5.44)                         | 0.72              | (0.41 - 1.27)                       | 1.10              | (0.68 - 1.75)                       |
| Southeast                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.28              | (0.69 - 2.34)                       |
| Southwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.36              | (0.73 - 2.49)                       |
| <b>Kentucky</b>                             | 0.59                | (0.37 - 0.94)                         | 4.57                | (3.48 - 5.99)                         | 1.19              | (0.82 - 1.71)                       | 1.67              | (1.25 - 2.22)                       |
| Adanta, Cumberland River,<br>and Lifeskills | 0.73                | (0.41 - 1.30)                         | 3.89                | (2.25 - 6.65)                         | 1.13              | (0.60 - 2.08)                       | 1.52              | (0.89 - 2.60)                       |
| Bluegrass, Comprehend, and<br>North Key     | 0.56                | (0.32 - 0.97)                         | 5.06                | (3.28 - 7.74)                         | 1.12              | (0.68 - 1.84)                       | 1.71              | (1.14 - 2.56)                       |
| Centerstone                                 | 0.44                | (0.24 - 0.78)                         | 5.30                | (3.37 - 8.25)                         | 1.50              | (0.89 - 2.52)                       | 2.01              | (1.29 - 3.12)                       |
| Communicare and River Valley                | *                   | (* - *)                               | 4.32                | (2.38 - 7.73)                         | 1.13              | (0.58 - 2.19)                       | 1.58              | (0.88 - 2.82)                       |
| Four Rivers and Pennyroyal                  | *                   | (* - *)                               | 3.64                | (1.98 - 6.59)                         | 0.84              | (0.43 - 1.65)                       | 1.25              | (0.70 - 2.24)                       |
| Kentucky River, Mountain,<br>and Pathways   | *                   | (* - *)                               | 3.90                | (2.21 - 6.79)                         | 1.16              | (0.61 - 2.18)                       | 1.52              | (0.87 - 2.66)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 0.33                | (0.19 - 0.57)                         | 4.01                | (2.93 - 5.47)                         | 1.41              | (0.98 - 2.03)                       | 1.79              | (1.32 - 2.43)                       |
| Regions 1 and 10      | *                   | (* - *)                               | 5.30                | (3.36 - 8.26)                         | 2.00              | (1.20 - 3.32)                       | 2.46              | (1.57 - 3.84)                       |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | 2.82              | (1.52 - 5.17)                       | 3.32              | (1.91 - 5.72)                       |
| Region 10 (Jefferson) | *                   | (* - *)                               | 4.22                | (2.33 - 7.54)                         | 1.14              | (0.60 - 2.15)                       | 1.51              | (0.85 - 2.67)                       |
| Regions 2 and 9       | 0.36                | (0.19 - 0.68)                         | 4.19                | (2.61 - 6.65)                         | 1.21              | (0.70 - 2.10)                       | 1.67              | (1.05 - 2.64)                       |
| Region 3              | *                   | (* - *)                               | 3.65                | (2.04 - 6.45)                         | 1.31              | (0.70 - 2.43)                       | 1.64              | (0.94 - 2.86)                       |
| Regions 4, 5, and 6   | 0.35                | (0.18 - 0.67)                         | 3.86                | (2.24 - 6.58)                         | 1.29              | (0.71 - 2.31)                       | 1.66              | (0.99 - 2.79)                       |
| Regions 7 and 8       | *                   | (* - *)                               | 2.93                | (1.63 - 5.20)                         | 1.28              | (0.70 - 2.33)                       | 1.53              | (0.89 - 2.61)                       |
| <b>Maine</b>          | 0.81                | (0.52 - 1.26)                         | 6.04                | (4.64 - 7.83)                         | 1.32              | (0.94 - 1.84)                       | 1.88              | (1.44 - 2.46)                       |
| Aroostook/Downeast    | *                   | (* - *)                               | 5.20                | (3.32 - 8.06)                         | 1.20              | (0.71 - 2.01)                       | 1.64              | (1.04 - 2.56)                       |
| Aroostook             | *                   | (* - *)                               | 4.76                | (2.66 - 8.40)                         | 1.26              | (0.65 - 2.42)                       | 1.66              | (0.92 - 2.97)                       |
| Downeast              | *                   | (* - *)                               | *                   | (* - *)                               | 1.15              | (0.60 - 2.21)                       | 1.62              | (0.91 - 2.88)                       |
| Central               | *                   | (* - *)                               | 4.72                | (2.57 - 8.51)                         | 1.10              | (0.58 - 2.06)                       | 1.52              | (0.86 - 2.66)                       |
| Cumberland            | 0.76                | (0.43 - 1.33)                         | 8.98                | (5.91 - 13.41)                        | 1.60              | (0.95 - 2.67)                       | 2.51              | (1.66 - 3.78)                       |
| Midcoast              | *                   | (* - *)                               | *                   | (* - *)                               | 1.11              | (0.59 - 2.09)                       | 1.52              | (0.86 - 2.67)                       |
| Penquis               | *                   | (* - *)                               | 5.10                | (2.99 - 8.56)                         | 1.35              | (0.75 - 2.42)                       | 1.90              | (1.14 - 3.13)                       |
| Western               | 0.63                | (0.37 - 1.09)                         | 4.93                | (2.87 - 8.32)                         | 1.40              | (0.79 - 2.48)                       | 1.84              | (1.10 - 3.07)                       |
| York                  | 1.06                | (0.57 - 1.95)                         | 6.08                | (3.73 - 9.77)                         | 1.24              | (0.69 - 2.20)                       | 1.79              | (1.10 - 2.90)                       |
| <b>Maryland</b>       | 0.33                | (0.19 - 0.55)                         | 4.20                | (3.12 - 5.62)                         | 1.20              | (0.83 - 1.73)                       | 1.61              | (1.19 - 2.17)                       |
| Anne Arundel          | *                   | (* - *)                               | *                   | (* - *)                               | 0.94              | (0.50 - 1.79)                       | 1.46              | (0.82 - 2.58)                       |
| Baltimore City        | *                   | (* - *)                               | 4.17                | (2.39 - 7.15)                         | 2.63              | (1.46 - 4.70)                       | 2.87              | (1.69 - 4.86)                       |
| Baltimore County      | *                   | (* - *)                               | 4.64                | (2.64 - 8.02)                         | 1.05              | (0.56 - 1.97)                       | 1.54              | (0.90 - 2.63)                       |
| Montgomery            | *                   | (* - *)                               | 4.18                | (2.42 - 7.12)                         | 0.98              | (0.54 - 1.76)                       | 1.35              | (0.80 - 2.26)                       |
| North Central         | *                   | (* - *)                               | 4.99                | (2.85 - 8.61)                         | 0.91              | (0.48 - 1.72)                       | 1.44              | (0.84 - 2.47)                       |
| Northeast             | *                   | (* - *)                               | *                   | (* - *)                               | 1.00              | (0.53 - 1.90)                       | 1.61              | (0.93 - 2.78)                       |
| Prince George's       | *                   | (* - *)                               | 2.59                | (1.46 - 4.56)                         | 1.31              | (0.68 - 2.51)                       | 1.51              | (0.83 - 2.70)                       |
| South                 | *                   | (* - *)                               | 3.85                | (2.14 - 6.82)                         | 0.98              | (0.52 - 1.83)                       | 1.40              | (0.81 - 2.43)                       |
| West                  | *                   | (* - *)                               | 4.23                | (2.32 - 7.58)                         | 0.95              | (0.51 - 1.74)                       | 1.38              | (0.80 - 2.38)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 0.72                | (0.46 - 1.13)                         | 8.02                | (6.32 - 10.13)                        | 1.92              | (1.43 - 2.57)                       | 2.82              | (2.25 - 3.53)                       |
| Boston                | *                   | (* - *)                               | 8.49                | (5.41 - 13.09)                        | 3.08              | (1.85 - 5.09)                       | 4.20              | (2.76 - 6.35)                       |
| Central               | *                   | (* - *)                               | 7.14                | (4.37 - 11.46)                        | 1.71              | (1.00 - 2.90)                       | 2.50              | (1.58 - 3.93)                       |
| Metrowest             | 0.56                | (0.31 - 1.01)                         | 8.39                | (5.37 - 12.89)                        | 1.93              | (1.21 - 3.05)                       | 2.80              | (1.88 - 4.16)                       |
| Northeast             | 0.76                | (0.42 - 1.35)                         | 7.09                | (4.45 - 11.10)                        | 1.63              | (1.03 - 2.59)                       | 2.36              | (1.58 - 3.51)                       |
| Southeast             | 0.79                | (0.45 - 1.39)                         | *                   | (* - *)                               | 1.72              | (1.01 - 2.89)                       | 2.69              | (1.75 - 4.10)                       |
| Western               | *                   | (* - *)                               | *                   | (* - *)                               | 1.75              | (0.98 - 3.09)                       | 2.69              | (1.67 - 4.33)                       |
| <b>Michigan</b>       | 0.39                | (0.26 - 0.60)                         | 3.69                | (2.97 - 4.58)                         | 1.03              | (0.77 - 1.36)                       | 1.42              | (1.14 - 1.75)                       |
| Region 1              | *                   | (* - *)                               | 3.06                | (1.69 - 5.47)                         | 0.83              | (0.43 - 1.58)                       | 1.14              | (0.64 - 2.03)                       |
| Region 2              | *                   | (* - *)                               | *                   | (* - *)                               | 0.73              | (0.39 - 1.38)                       | 1.04              | (0.60 - 1.82)                       |
| Region 3              | 0.42                | (0.25 - 0.71)                         | 3.34                | (2.09 - 5.31)                         | 0.94              | (0.56 - 1.57)                       | 1.31              | (0.84 - 2.03)                       |
| Region 4              | *                   | (* - *)                               | 3.72                | (2.28 - 6.01)                         | 0.95              | (0.56 - 1.63)                       | 1.37              | (0.87 - 2.16)                       |
| Region 5              | 0.44                | (0.25 - 0.76)                         | 3.31                | (2.17 - 5.03)                         | 0.82              | (0.50 - 1.32)                       | 1.24              | (0.84 - 1.83)                       |
| Region 6              | 0.51                | (0.29 - 0.87)                         | 4.80                | (2.89 - 7.85)                         | 1.03              | (0.61 - 1.75)                       | 1.66              | (1.05 - 2.61)                       |
| Region 7              | 0.25                | (0.13 - 0.48)                         | 3.07                | (2.00 - 4.69)                         | 1.49              | (0.90 - 2.45)                       | 1.73              | (1.12 - 2.66)                       |
| Region 8              | 0.33                | (0.18 - 0.59)                         | 4.59                | (2.89 - 7.20)                         | 0.88              | (0.53 - 1.47)                       | 1.34              | (0.88 - 2.05)                       |
| Region 9              | *                   | (* - *)                               | 4.01                | (2.44 - 6.52)                         | 0.92              | (0.54 - 1.56)                       | 1.31              | (0.83 - 2.08)                       |
| Region 10             | *                   | (* - *)                               | 4.14                | (2.47 - 6.86)                         | 1.30              | (0.74 - 2.27)                       | 1.68              | (1.03 - 2.74)                       |
| <b>Minnesota</b>      | 0.60                | (0.37 - 0.96)                         | 4.92                | (3.69 - 6.54)                         | 1.12              | (0.76 - 1.63)                       | 1.64              | (1.22 - 2.21)                       |
| Regions 1 and 2       | *                   | (* - *)                               | 4.43                | (2.70 - 7.19)                         | 1.01              | (0.57 - 1.77)                       | 1.46              | (0.90 - 2.38)                       |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.52              | (0.82 - 2.80)                       |
| Region 2              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.43              | (0.78 - 2.60)                       |
| Regions 3 and 4       | 0.72                | (0.41 - 1.25)                         | 3.57                | (2.24 - 5.63)                         | 0.86              | (0.51 - 1.43)                       | 1.24              | (0.80 - 1.93)                       |
| Region 3              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 4              | *                   | (* - *)                               | 3.38                | (1.96 - 5.79)                         | 0.84              | (0.46 - 1.52)                       | 1.21              | (0.72 - 2.03)                       |
| Regions 5 and 6       | *                   | (* - *)                               | 3.98                | (2.55 - 6.17)                         | 0.85              | (0.50 - 1.45)                       | 1.31              | (0.84 - 2.03)                       |
| Region 5              | *                   | (* - *)                               | 3.77                | (2.15 - 6.51)                         | *                 | (* - *)                             | 1.24              | (0.71 - 2.14)                       |
| Region 6              | *                   | (* - *)                               | 4.21                | (2.30 - 7.57)                         | 0.89              | (0.46 - 1.73)                       | 1.37              | (0.77 - 2.44)                       |
| Region 7              | 0.53                | (0.31 - 0.88)                         | 5.80                | (4.15 - 8.05)                         | 1.31              | (0.86 - 1.99)                       | 1.92              | (1.37 - 2.68)                       |
| Region 7A (Hennepin)  | 0.44                | (0.23 - 0.84)                         | 8.71                | (5.65 - 13.18)                        | 1.87              | (1.11 - 3.14)                       | 2.77              | (1.82 - 4.19)                       |
| Region 7B (Ramsey)    | *                   | (* - *)                               | 4.11                | (2.31 - 7.20)                         | 1.30              | (0.70 - 2.40)                       | 1.74              | (1.01 - 2.98)                       |
| Region 7C             | 0.64                | (0.35 - 1.17)                         | 3.70                | (2.13 - 6.34)                         | 0.75              | (0.41 - 1.35)                       | 1.13              | (0.67 - 1.88)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 0.23                | (0.12 - 0.42)                         | 2.26                | (1.55 - 3.29)                         | 0.97              | (0.63 - 1.50)                       | 1.17              | (0.80 - 1.70)                       |
| Region 1                               | *                   | (* - *)                               | 2.98                | (1.69 - 5.18)                         | 1.00              | (0.54 - 1.85)                       | 1.30              | (0.76 - 2.22)                       |
| Region 2                               | *                   | (* - *)                               | 1.46                | (0.75 - 2.81)                         | 1.22              | (0.63 - 2.35)                       | 1.26              | (0.68 - 2.33)                       |
| Region 3                               | *                   | (* - *)                               | 2.43                | (1.29 - 4.53)                         | 1.06              | (0.54 - 2.09)                       | 1.29              | (0.70 - 2.36)                       |
| Region 4                               | *                   | (* - *)                               | 1.97                | (1.10 - 3.52)                         | 1.10              | (0.56 - 2.12)                       | 1.23              | (0.67 - 2.23)                       |
| Region 5                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.04              | (0.50 - 2.12)                       |
| Region 6                               | *                   | (* - *)                               | 2.19                | (1.16 - 4.09)                         | 0.80              | (0.40 - 1.62)                       | 1.02              | (0.55 - 1.89)                       |
| Region 7                               | *                   | (* - *)                               | 2.30                | (1.21 - 4.33)                         | 0.66              | (0.33 - 1.31)                       | 0.89              | (0.48 - 1.64)                       |
| <b>Missouri</b>                        | 0.43                | (0.26 - 0.72)                         | 3.91                | (2.88 - 5.29)                         | 0.87              | (0.60 - 1.28)                       | 1.31              | (0.96 - 1.77)                       |
| Central                                | *                   | (* - *)                               | 5.26                | (3.12 - 8.73)                         | 1.07              | (0.58 - 1.95)                       | 1.80              | (1.10 - 2.94)                       |
| Eastern                                | 0.37                | (0.20 - 0.66)                         | 4.65                | (3.06 - 7.01)                         | 0.97              | (0.60 - 1.58)                       | 1.47              | (0.98 - 2.20)                       |
| Eastern (St. Louis City and<br>County) | *                   | (* - *)                               | 4.20                | (2.45 - 7.10)                         | 0.97              | (0.54 - 1.76)                       | 1.42              | (0.85 - 2.36)                       |
| Eastern (excluding St. Louis)          | *                   | (* - *)                               | 5.46                | (3.16 - 9.28)                         | 0.97              | (0.52 - 1.79)                       | 1.56              | (0.93 - 2.62)                       |
| Northwest                              | 0.39                | (0.22 - 0.71)                         | 3.20                | (2.00 - 5.10)                         | 0.83              | (0.49 - 1.40)                       | 1.16              | (0.74 - 1.83)                       |
| Northwest (Jackson)                    | *                   | (* - *)                               | 3.26                | (1.82 - 5.79)                         | 0.99              | (0.53 - 1.86)                       | 1.30              | (0.74 - 2.27)                       |
| Northwest (excluding Jackson)          | *                   | (* - *)                               | 3.16                | (1.72 - 5.74)                         | 0.69              | (0.36 - 1.33)                       | 1.04              | (0.59 - 1.86)                       |
| Southeast                              | *                   | (* - *)                               | 2.69                | (1.49 - 4.83)                         | 0.74              | (0.39 - 1.40)                       | 1.00              | (0.57 - 1.76)                       |
| Southwest                              | *                   | (* - *)                               | 2.83                | (1.56 - 5.09)                         | 0.67              | (0.35 - 1.27)                       | 0.97              | (0.55 - 1.70)                       |
| <b>Montana</b>                         | 0.88                | (0.55 - 1.42)                         | 5.03                | (3.86 - 6.53)                         | 1.17              | (0.83 - 1.66)                       | 1.71              | (1.31 - 2.24)                       |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | 1.01              | (0.51 - 1.98)                       | 1.48              | (0.81 - 2.69)                       |
| Region 2                               | 0.75                | (0.42 - 1.34)                         | 3.57                | (2.05 - 6.15)                         | 1.03              | (0.58 - 1.82)                       | 1.40              | (0.84 - 2.32)                       |
| Region 3                               | 0.81                | (0.46 - 1.42)                         | 4.57                | (2.76 - 7.47)                         | 1.09              | (0.64 - 1.85)                       | 1.54              | (0.97 - 2.43)                       |
| Region 4                               | 0.99                | (0.55 - 1.77)                         | 5.21                | (3.38 - 7.95)                         | 1.18              | (0.70 - 1.96)                       | 1.78              | (1.18 - 2.69)                       |
| Region 5                               | 0.95                | (0.52 - 1.71)                         | 5.90                | (3.92 - 8.77)                         | 1.32              | (0.81 - 2.15)                       | 1.97              | (1.33 - 2.91)                       |
| <b>Nebraska</b>                        | 0.58                | (0.36 - 0.94)                         | 4.45                | (3.28 - 6.01)                         | 1.00              | (0.68 - 1.46)                       | 1.52              | (1.13 - 2.05)                       |
| Regions 1 and 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 0.78              | (0.44 - 1.38)                       | 1.22              | (0.74 - 1.99)                       |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.24              | (0.67 - 2.27)                       |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.20              | (0.65 - 2.23)                       |
| Region 3                               | *                   | (* - *)                               | 5.01                | (2.85 - 8.65)                         | 0.91              | (0.48 - 1.73)                       | 1.52              | (0.88 - 2.61)                       |
| Region 4                               | *                   | (* - *)                               | 3.19                | (1.71 - 5.88)                         | 0.63              | (0.32 - 1.25)                       | 1.00              | (0.55 - 1.79)                       |
| Region 5                               | 0.59                | (0.33 - 1.05)                         | 3.54                | (2.04 - 6.08)                         | 0.94              | (0.53 - 1.67)                       | 1.38              | (0.83 - 2.27)                       |
| Region 6                               | 0.49                | (0.27 - 0.88)                         | 5.32                | (3.54 - 7.93)                         | 1.21              | (0.74 - 1.97)                       | 1.83              | (1.24 - 2.68)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 0.70                | (0.44 - 1.14)                         | 4.67                | (3.47 - 6.27)                         | 1.47              | (1.03 - 2.10)                       | 1.89              | (1.41 - 2.54)                       |
| Clark – Region 1        | 0.61                | (0.35 - 1.05)                         | 3.95                | (2.70 - 5.74)                         | 1.44              | (0.95 - 2.19)                       | 1.78              | (1.24 - 2.53)                       |
| Region 3                | *                   | (* - *)                               | 5.26                | (3.16 - 8.63)                         | 1.10              | (0.61 - 1.95)                       | 1.58              | (0.95 - 2.62)                       |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.71              | (0.91 - 3.17)                       |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | 1.06              | (0.52 - 2.13)                       | 1.47              | (0.78 - 2.75)                       |
| Washoe – Region 2       | 0.98                | (0.54 - 1.76)                         | 7.58                | (4.82 - 11.73)                        | 1.88              | (1.12 - 3.14)                       | 2.66              | (1.72 - 4.08)                       |
| <b>New Hampshire</b>    | 1.05                | (0.67 - 1.65)                         | 10.68               | (8.59 - 13.20)                        | 1.86              | (1.37 - 2.52)                       | 3.06              | (2.46 - 3.79)                       |
| Central                 | 1.07                | (0.65 - 1.76)                         | 8.78                | (6.47 - 11.80)                        | 1.74              | (1.16 - 2.60)                       | 2.76              | (2.03 - 3.74)                       |
| Central 1               | 1.10                | (0.62 - 1.93)                         | 7.36                | (4.62 - 11.53)                        | 1.62              | (0.96 - 2.73)                       | 2.55              | (1.65 - 3.90)                       |
| Central 2               | 1.05                | (0.60 - 1.84)                         | 10.53               | (7.19 - 15.16)                        | 1.85              | (1.12 - 3.04)                       | 2.96              | (2.02 - 4.33)                       |
| Northern                | *                   | (* - *)                               | *                   | (* - *)                               | 1.55              | (0.88 - 2.71)                       | 2.71              | (1.73 - 4.22)                       |
| Southern                | 1.04                | (0.64 - 1.69)                         | 11.92               | (9.06 - 15.51)                        | 1.99              | (1.39 - 2.83)                       | 3.28              | (2.53 - 4.26)                       |
| Southern 1 (Rockingham) | 1.05                | (0.60 - 1.82)                         | *                   | (* - *)                               | 1.40              | (0.84 - 2.32)                       | 2.42              | (1.60 - 3.64)                       |
| Southern 2              | 1.04                | (0.59 - 1.82)                         | 12.95               | (9.35 - 17.67)                        | 2.37              | (1.57 - 3.56)                       | 3.82              | (2.81 - 5.18)                       |
| <b>New Jersey</b>       | 0.52                | (0.33 - 0.80)                         | 5.64                | (4.45 - 7.13)                         | 1.39              | (1.04 - 1.87)                       | 1.95              | (1.55 - 2.45)                       |
| Central                 | 0.57                | (0.34 - 0.97)                         | 6.54                | (4.27 - 9.89)                         | 1.27              | (0.76 - 2.10)                       | 1.93              | (1.28 - 2.91)                       |
| Metropolitan            | 0.40                | (0.22 - 0.71)                         | 4.28                | (2.68 - 6.76)                         | 1.39              | (0.85 - 2.28)                       | 1.79              | (1.17 - 2.75)                       |
| Northern                | 0.58                | (0.34 - 0.99)                         | 5.57                | (3.86 - 7.97)                         | 1.37              | (0.90 - 2.08)                       | 1.90              | (1.35 - 2.66)                       |
| Southern                | 0.49                | (0.28 - 0.86)                         | 6.46                | (4.36 - 9.48)                         | 1.58              | (0.99 - 2.50)                       | 2.23              | (1.52 - 3.25)                       |
| <b>New Mexico</b>       | 1.04                | (0.66 - 1.63)                         | 5.52                | (4.20 - 7.22)                         | 1.54              | (1.09 - 2.17)                       | 2.11              | (1.61 - 2.77)                       |
| Region 1                | 1.03                | (0.58 - 1.85)                         | 4.12                | (2.42 - 6.92)                         | 1.66              | (0.95 - 2.90)                       | 2.02              | (1.22 - 3.33)                       |
| Region 2                | 1.17                | (0.64 - 2.10)                         | 5.76                | (3.36 - 9.73)                         | 1.18              | (0.65 - 2.16)                       | 1.73              | (1.03 - 2.89)                       |
| Region 3 (Bernalillo)   | 0.98                | (0.56 - 1.71)                         | 6.51                | (4.35 - 9.63)                         | 1.70              | (1.07 - 2.70)                       | 2.38              | (1.63 - 3.45)                       |
| Region 4                | 1.00                | (0.56 - 1.77)                         | 5.37                | (3.05 - 9.28)                         | 1.38              | (0.76 - 2.49)                       | 2.01              | (1.19 - 3.39)                       |
| Region 5                | 1.09                | (0.64 - 1.83)                         | 5.36                | (3.55 - 8.03)                         | 1.51              | (0.94 - 2.42)                       | 2.12              | (1.42 - 3.16)                       |
| Region 5a               | *                   | (* - *)                               | *                   | (* - *)                               | 1.49              | (0.80 - 2.78)                       | 2.04              | (1.18 - 3.50)                       |
| Region 5b (Dona Ana)    | *                   | (* - *)                               | 5.23                | (3.06 - 8.79)                         | 1.52              | (0.85 - 2.72)                       | 2.20              | (1.33 - 3.62)                       |

See notes at end of table.

(continued)



**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 0.58                | (0.40 - 0.83)                         | 5.74                | (4.89 - 6.72)                         | 2.21              | (1.85 - 2.65)                       | 2.72              | (2.36 - 3.14)                       |
| Region 1: Long Island                          | 0.59                | (0.36 - 0.97)                         | 7.14                | (5.05 - 10.01)                        | 1.42              | (0.93 - 2.17)                       | 2.20              | (1.59 - 3.05)                       |
| Region 2: New York City                        | 0.41                | (0.26 - 0.65)                         | 5.20                | (4.15 - 6.51)                         | 2.95              | (2.37 - 3.67)                       | 3.27              | (2.70 - 3.95)                       |
| Region 2A: Bronx                               | 0.47                | (0.27 - 0.82)                         | 2.50                | (1.50 - 4.14)                         | 2.14              | (1.33 - 3.43)                       | 2.20              | (1.41 - 3.42)                       |
| Region 2B: Kings                               | 0.30                | (0.16 - 0.56)                         | 4.92                | (3.30 - 7.28)                         | 3.30              | (2.30 - 4.73)                       | 3.54              | (2.54 - 4.90)                       |
| Region 2C: New York                            | *                   | (* - *)                               | 9.95                | (6.89 - 14.16)                        | 4.69              | (3.35 - 6.52)                       | 5.36              | (3.98 - 7.19)                       |
| Region 2D: Queens                              | 0.40                | (0.23 - 0.72)                         | 3.72                | (2.32 - 5.92)                         | 1.92              | (1.27 - 2.89)                       | 2.15              | (1.46 - 3.15)                       |
| Region 2E: Richmond                            | *                   | (* - *)                               | 6.33                | (3.73 - 10.56)                        | 1.90              | (1.14 - 3.14)                       | 2.51              | (1.58 - 3.98)                       |
| Region 3: Mid-Hudson                           | 0.62                | (0.37 - 1.06)                         | 5.70                | (3.68 - 8.73)                         | 1.25              | (0.78 - 1.98)                       | 1.89              | (1.28 - 2.78)                       |
| Region 4: Capital Region                       | 0.80                | (0.47 - 1.36)                         | 7.83                | (5.13 - 11.77)                        | 1.95              | (1.23 - 3.09)                       | 2.81              | (1.90 - 4.14)                       |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | 2.30              | (1.34 - 3.94)                       | 2.97              | (1.81 - 4.83)                       |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | 2.04              | (1.20 - 3.46)                       | 2.56              | (1.56 - 4.17)                       |
| Region 7: Tug Hill Seaway                      | *                   | (* - *)                               | *                   | (* - *)                               | 1.53              | (0.88 - 2.65)                       | 1.99              | (1.20 - 3.30)                       |
| Region 8: Central                              | 0.76                | (0.43 - 1.34)                         | 6.88                | (4.52 - 10.33)                        | 2.44              | (1.59 - 3.72)                       | 3.15              | (2.18 - 4.54)                       |
| Region 9: Southern Tier                        | *                   | (* - *)                               | 7.04                | (4.32 - 11.28)                        | 2.28              | (1.36 - 3.80)                       | 3.18              | (2.03 - 4.93)                       |
| Region 10: Finger Lakes                        | 0.66                | (0.39 - 1.12)                         | 4.84                | (3.07 - 7.54)                         | 1.78              | (1.13 - 2.80)                       | 2.24              | (1.50 - 3.35)                       |
| Region 11: Western                             | 0.74                | (0.43 - 1.29)                         | 4.50                | (2.94 - 6.82)                         | 1.45              | (0.93 - 2.25)                       | 1.89              | (1.30 - 2.76)                       |
| <b>North Carolina</b>                          | 0.42                | (0.27 - 0.65)                         | 5.01                | (3.99 - 6.27)                         | 1.36              | (1.02 - 1.82)                       | 1.87              | (1.49 - 2.36)                       |
| Alliance Behavioral<br>Healthcare 1            | *                   | (* - *)                               | 4.84                | (2.83 - 8.17)                         | 1.59              | (0.90 - 2.79)                       | 2.10              | (1.26 - 3.47)                       |
| Alliance Behavioral<br>Healthcare 2            | *                   | (* - *)                               | 4.95                | (2.93 - 8.25)                         | 1.16              | (0.66 - 2.02)                       | 1.68              | (1.03 - 2.74)                       |
| Cardinal Innovations<br>Healthcare Solutions 1 | *                   | (* - *)                               | 3.86                | (2.15 - 6.85)                         | 0.96              | (0.51 - 1.77)                       | 1.33              | (0.77 - 2.30)                       |
| Cardinal Innovations<br>Healthcare Solutions 2 | *                   | (* - *)                               | 4.87                | (2.92 - 8.02)                         | 1.54              | (0.86 - 2.73)                       | 2.03              | (1.23 - 3.33)                       |
| Cardinal Innovations<br>Healthcare Solutions 3 | *                   | (* - *)                               | 5.49                | (3.39 - 8.78)                         | 1.72              | (1.01 - 2.89)                       | 2.23              | (1.41 - 3.52)                       |
| CenterPoint Human Services                     | *                   | (* - *)                               | 5.35                | (3.12 - 9.02)                         | 1.47              | (0.80 - 2.70)                       | 1.99              | (1.17 - 3.39)                       |
| Eastpointe                                     | *                   | (* - *)                               | 3.40                | (1.99 - 5.73)                         | 1.45              | (0.80 - 2.62)                       | 1.72              | (1.01 - 2.93)                       |
| Partners Behavioral Health<br>Management       | *                   | (* - *)                               | 3.99                | (2.30 - 6.84)                         | 0.98              | (0.54 - 1.77)                       | 1.36              | (0.81 - 2.28)                       |
| Sandhills Center 1                             | *                   | (* - *)                               | 4.94                | (2.79 - 8.59)                         | 1.47              | (0.79 - 2.71)                       | 1.92              | (1.10 - 3.32)                       |
| Sandhills Center 2                             | *                   | (* - *)                               | *                   | (* - *)                               | 1.91              | (1.06 - 3.41)                       | 2.54              | (1.51 - 4.24)                       |
| Smoky Mountain Center 1                        | *                   | (* - *)                               | 5.71                | (3.35 - 9.58)                         | 1.15              | (0.64 - 2.07)                       | 1.79              | (1.08 - 2.96)                       |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | 4.46                | (2.50 - 7.84)                         | 0.90              | (0.48 - 1.67)                       | 1.29              | (0.74 - 2.23)                       |
| Trillium Health Resources 1                    | *                   | (* - *)                               | 5.69                | (3.47 - 9.20)                         | 1.58              | (0.92 - 2.71)                       | 2.23              | (1.40 - 3.54)                       |
| Trillium Health Resources 2                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 2.27              | (1.39 - 3.67)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 0.58                | (0.33 - 1.01)                         | 3.91                | (2.87 - 5.30)                         | 0.64              | (0.41 - 0.99)                       | 1.22              | (0.89 - 1.68)                       |
| Badlands and West Central     | 0.65                | (0.35 - 1.22)                         | 3.97                | (2.45 - 6.39)                         | 0.57              | (0.32 - 1.01)                       | 1.07              | (0.67 - 1.70)                       |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.17              | (0.64 - 2.14)                       |
| West Central                  | 0.67                | (0.35 - 1.30)                         | 3.77                | (2.12 - 6.59)                         | 0.57              | (0.30 - 1.08)                       | 1.04              | (0.60 - 1.77)                       |
| Lake Region                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.90              | (0.47 - 1.73)                       |
| North Central                 | *                   | (* - *)                               | 4.71                | (2.69 - 8.13)                         | 0.71              | (0.37 - 1.38)                       | 1.42              | (0.84 - 2.42)                       |
| Northeast                     | *                   | (* - *)                               | 3.31                | (1.89 - 5.75)                         | 0.63              | (0.32 - 1.22)                       | 1.28              | (0.75 - 2.19)                       |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| South Central                 | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.94              | (0.51 - 1.76)                       |
| Southeast                     | 0.49                | (0.26 - 0.92)                         | 3.95                | (2.55 - 6.06)                         | 0.74              | (0.42 - 1.28)                       | 1.40              | (0.93 - 2.10)                       |
| <b>Ohio</b>                   | 0.47                | (0.32 - 0.70)                         | 4.37                | (3.58 - 5.33)                         | 1.22              | (0.96 - 1.56)                       | 1.66              | (1.37 - 2.01)                       |
| Boards 2, 46, 55, and 68      | *                   | (* - *)                               | 4.03                | (2.28 - 7.05)                         | 1.05              | (0.58 - 1.90)                       | 1.46              | (0.86 - 2.48)                       |
| Boards 3, 52, and 85          | *                   | (* - *)                               | *                   | (* - *)                               | 1.03              | (0.57 - 1.86)                       | 1.46              | (0.84 - 2.51)                       |
| Boards 4 and 78               | *                   | (* - *)                               | 4.32                | (2.48 - 7.41)                         | 1.21              | (0.68 - 2.15)                       | 1.59              | (0.95 - 2.65)                       |
| Boards 5 and 60               | *                   | (* - *)                               | 4.44                | (2.56 - 7.60)                         | 1.31              | (0.73 - 2.34)                       | 1.86              | (1.11 - 3.09)                       |
| Boards 7, 15, 41, 79, and 84  | *                   | (* - *)                               | *                   | (* - *)                               | 1.19              | (0.66 - 2.16)                       | 1.55              | (0.90 - 2.67)                       |
| Boards 8, 13, and 83          | *                   | (* - *)                               | *                   | (* - *)                               | 1.05              | (0.57 - 1.93)                       | 1.49              | (0.86 - 2.56)                       |
| Board 9 (Butler)              | *                   | (* - *)                               | *                   | (* - *)                               | 1.27              | (0.72 - 2.24)                       | 1.90              | (1.13 - 3.15)                       |
| Board 12                      | *                   | (* - *)                               | 4.69                | (2.71 - 8.01)                         | 1.40              | (0.79 - 2.49)                       | 1.91              | (1.14 - 3.18)                       |
| Boards 18 and 47              | 0.32                | (0.17 - 0.60)                         | 3.14                | (1.89 - 5.17)                         | 1.01              | (0.60 - 1.70)                       | 1.29              | (0.82 - 2.05)                       |
| Boards 20, 32, 54, and 69     | *                   | (* - *)                               | 3.74                | (2.14 - 6.46)                         | 0.93              | (0.52 - 1.64)                       | 1.30              | (0.78 - 2.16)                       |
| Boards 21, 39, 51, 70, and 80 | *                   | (* - *)                               | 4.46                | (2.64 - 7.44)                         | 1.06              | (0.61 - 1.83)                       | 1.49              | (0.91 - 2.43)                       |
| Boards 22, 74, and 87         | *                   | (* - *)                               | 4.31                | (2.50 - 7.35)                         | 1.00              | (0.57 - 1.76)                       | 1.50              | (0.91 - 2.46)                       |
| Boards 23 and 45              | *                   | (* - *)                               | 3.30                | (1.84 - 5.85)                         | 0.89              | (0.50 - 1.60)                       | 1.24              | (0.73 - 2.08)                       |
| Board 25 (Franklin)           | *                   | (* - *)                               | 5.67                | (3.87 - 8.23)                         | 1.74              | (1.12 - 2.69)                       | 2.34              | (1.62 - 3.35)                       |
| Boards 27, 71, and 73         | *                   | (* - *)                               | 4.49                | (2.55 - 7.79)                         | 1.83              | (1.00 - 3.33)                       | 2.17              | (1.25 - 3.74)                       |
| Boards 28, 43, and 67         | *                   | (* - *)                               | 4.10                | (2.40 - 6.93)                         | 0.89              | (0.50 - 1.55)                       | 1.34              | (0.82 - 2.19)                       |
| Board 31 (Hamilton)           | *                   | (* - *)                               | 5.58                | (3.40 - 9.02)                         | 1.54              | (0.92 - 2.56)                       | 2.12              | (1.35 - 3.32)                       |
| Board 48 (Lucas)              | *                   | (* - *)                               | 4.12                | (2.36 - 7.11)                         | 1.49              | (0.84 - 2.62)                       | 1.88              | (1.12 - 3.14)                       |
| Boards 50 and 76              | *                   | (* - *)                               | 4.34                | (2.54 - 7.32)                         | 1.17              | (0.67 - 2.04)                       | 1.58              | (0.96 - 2.58)                       |
| Board 57 (Montgomery)         | *                   | (* - *)                               | 4.19                | (2.38 - 7.27)                         | 1.11              | (0.60 - 2.01)                       | 1.53              | (0.90 - 2.59)                       |
| Board 77 (Summit)             | *                   | (* - *)                               | 4.11                | (2.39 - 6.97)                         | 1.02              | (0.58 - 1.79)                       | 1.43              | (0.87 - 2.34)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 0.44                | (0.26 - 0.74)                         | 3.31                | (2.36 - 4.63)                         | 0.76              | (0.48 - 1.18)                       | 1.14              | (0.80 - 1.61)                       |
| Central                               | *                   | (* - *)                               | 2.98                | (1.55 - 5.68)                         | 0.62              | (0.32 - 1.22)                       | 1.00              | (0.55 - 1.81)                       |
| East Central                          | *                   | (* - *)                               | 2.08                | (1.07 - 4.00)                         | 0.66              | (0.32 - 1.39)                       | 0.86              | (0.45 - 1.67)                       |
| Northeast                             | *                   | (* - *)                               | 2.58                | (1.38 - 4.79)                         | 0.61              | (0.30 - 1.24)                       | 0.94              | (0.51 - 1.72)                       |
| Northwest and Southwest               | *                   | (* - *)                               | 2.97                | (1.62 - 5.39)                         | 0.75              | (0.38 - 1.47)                       | 1.10              | (0.61 - 1.96)                       |
| Oklahoma County                       | *                   | (* - *)                               | 4.45                | (2.65 - 7.38)                         | 0.92              | (0.49 - 1.72)                       | 1.43              | (0.85 - 2.37)                       |
| Southeast                             | *                   | (* - *)                               | 2.32                | (1.22 - 4.37)                         | 0.69              | (0.33 - 1.42)                       | 0.92              | (0.48 - 1.74)                       |
| Tulsa County                          | *                   | (* - *)                               | 4.92                | (2.87 - 8.31)                         | 0.90              | (0.48 - 1.70)                       | 1.48              | (0.88 - 2.48)                       |
| <b>Oregon</b>                         | 1.08                | (0.68 - 1.70)                         | 7.64                | (6.06 - 9.60)                         | 1.89              | (1.44 - 2.49)                       | 2.66              | (2.14 - 3.30)                       |
| Region 1 (Multnomah)                  | 0.80                | (0.45 - 1.44)                         | 9.96                | (6.76 - 14.44)                        | 3.79              | (2.60 - 5.49)                       | 4.56              | (3.29 - 6.28)                       |
| Region 2                              | 1.10                | (0.63 - 1.91)                         | 7.22                | (4.63 - 11.10)                        | 1.34              | (0.83 - 2.13)                       | 2.09              | (1.41 - 3.09)                       |
| Region 3                              | 1.15                | (0.65 - 2.01)                         | 7.15                | (4.86 - 10.39)                        | 1.46              | (0.92 - 2.32)                       | 2.33              | (1.62 - 3.35)                       |
| Region 4                              | 1.14                | (0.64 - 2.05)                         | 7.06                | (4.36 - 11.23)                        | 1.31              | (0.73 - 2.34)                       | 1.98              | (1.22 - 3.18)                       |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 2.10              | (1.19 - 3.70)                       |
| Region 6 (Eastern)                    | *                   | (* - *)                               | *                   | (* - *)                               | 1.72              | (0.93 - 3.17)                       | 2.37              | (1.37 - 4.06)                       |
| <b>Pennsylvania</b>                   | 0.52                | (0.35 - 0.77)                         | 4.77                | (3.92 - 5.79)                         | 1.41              | (1.09 - 1.82)                       | 1.87              | (1.53 - 2.28)                       |
| Region 1 (Allegheny)                  | *                   | (* - *)                               | 7.10                | (4.64 - 10.72)                        | 1.60              | (1.01 - 2.53)                       | 2.29              | (1.56 - 3.37)                       |
| Regions 3, 8, 9, and 51               | 0.65                | (0.37 - 1.15)                         | 3.52                | (2.06 - 5.96)                         | 0.90              | (0.50 - 1.61)                       | 1.26              | (0.76 - 2.08)                       |
| Regions 4, 11, 37, and 49             | *                   | (* - *)                               | 3.26                | (1.88 - 5.61)                         | 0.99              | (0.56 - 1.74)                       | 1.29              | (0.78 - 2.14)                       |
| Regions 5, 18, 23, 24, and 46         | 0.61                | (0.35 - 1.07)                         | 3.04                | (1.74 - 5.25)                         | 0.92              | (0.52 - 1.61)                       | 1.19              | (0.72 - 1.97)                       |
| Regions 6, 12, 16, 31, 35, 45, and 47 | *                   | (* - *)                               | 5.14                | (3.18 - 8.19)                         | 1.51              | (0.90 - 2.52)                       | 2.17              | (1.40 - 3.35)                       |
| Regions 7, 13, 20, and 33             | 0.47                | (0.27 - 0.80)                         | 6.39                | (4.54 - 8.93)                         | 1.31              | (0.86 - 1.99)                       | 1.97              | (1.41 - 2.73)                       |
| Regions 10, 15, 27, 32, 43, and 44    | *                   | (* - *)                               | 3.14                | (1.74 - 5.59)                         | 1.09              | (0.59 - 2.00)                       | 1.34              | (0.77 - 2.32)                       |
| Regions 17 and 21                     | *                   | (* - *)                               | 3.62                | (2.03 - 6.38)                         | 1.53              | (0.86 - 2.70)                       | 1.85              | (1.09 - 3.12)                       |
| Regions 19, 26, 28, and 42            | 0.61                | (0.36 - 1.03)                         | 3.65                | (2.30 - 5.73)                         | 1.07              | (0.66 - 1.74)                       | 1.41              | (0.92 - 2.14)                       |
| Regions 22, 38, 40, 41, and 48        | *                   | (* - *)                               | 4.72                | (2.71 - 8.09)                         | 1.07              | (0.59 - 1.93)                       | 1.48              | (0.88 - 2.49)                       |
| Regions 29 and 34                     | *                   | (* - *)                               | 3.59                | (2.03 - 6.25)                         | 0.88              | (0.48 - 1.60)                       | 1.25              | (0.74 - 2.12)                       |
| Regions 30 and 50                     | *                   | (* - *)                               | 3.39                | (1.90 - 5.98)                         | 0.94              | (0.50 - 1.74)                       | 1.25              | (0.72 - 2.16)                       |
| Region 36 (Philadelphia)              | *                   | (* - *)                               | 5.25                | (3.43 - 7.97)                         | 3.18              | (1.97 - 5.08)                       | 3.53              | (2.33 - 5.32)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 0.87                | (0.56 - 1.36)                         | 7.75                | (6.05 - 9.88)                         | 1.79              | (1.29 - 2.47)                       | 2.71              | (2.12 - 3.47)                       |
| Region 1: Southern Providence<br>County                   | 0.87                | (0.49 - 1.54)                         | *                   | (* - *)                               | 1.55              | (0.90 - 2.67)                       | 2.39              | (1.49 - 3.80)                       |
| Region 2: Northern Providence<br>County/Blackstone Valley | 0.76                | (0.44 - 1.31)                         | 7.12                | (4.50 - 11.08)                        | 1.99              | (1.20 - 3.27)                       | 2.65              | (1.72 - 4.06)                       |
| Region 3: Providence                                      | *                   | (* - *)                               | 6.09                | (3.73 - 9.80)                         | 2.64              | (1.54 - 4.50)                       | 3.55              | (2.26 - 5.53)                       |
| Region 4: Kent County                                     | 1.04                | (0.57 - 1.88)                         | *                   | (* - *)                               | 1.34              | (0.79 - 2.29)                       | 2.10              | (1.33 - 3.28)                       |
| Region 5: East Bay                                        | *                   | (* - *)                               | *                   | (* - *)                               | 1.71              | (0.98 - 2.99)                       | 2.69              | (1.67 - 4.32)                       |
| Region 6: Newport County                                  | *                   | (* - *)                               | *                   | (* - *)                               | 1.63              | (0.91 - 2.88)                       | 2.76              | (1.70 - 4.44)                       |
| Region 7: South County                                    | *                   | (* - *)                               | *                   | (* - *)                               | 1.58              | (0.92 - 2.70)                       | 3.02              | (1.96 - 4.62)                       |
| <b>South Carolina</b>                                     | 0.34                | (0.20 - 0.59)                         | 4.25                | (3.18 - 5.65)                         | 1.13              | (0.78 - 1.64)                       | 1.57              | (1.17 - 2.10)                       |
| Region 1                                                  | 0.39                | (0.20 - 0.74)                         | 2.86                | (1.67 - 4.83)                         | 0.76              | (0.42 - 1.37)                       | 1.05              | (0.63 - 1.75)                       |
| Region 2                                                  | 0.33                | (0.17 - 0.61)                         | 3.81                | (2.33 - 6.17)                         | 1.16              | (0.67 - 2.01)                       | 1.55              | (0.97 - 2.49)                       |
| Region 3                                                  | *                   | (* - *)                               | 3.67                | (2.13 - 6.26)                         | 1.26              | (0.70 - 2.26)                       | 1.57              | (0.93 - 2.63)                       |
| Region 4                                                  | *                   | (* - *)                               | 6.65                | (4.40 - 9.95)                         | 1.46              | (0.87 - 2.45)                       | 2.18              | (1.44 - 3.28)                       |
| <b>South Dakota</b>                                       | 0.55                | (0.32 - 0.95)                         | 3.14                | (2.22 - 4.44)                         | 0.66              | (0.42 - 1.03)                       | 1.02              | (0.72 - 1.45)                       |
| Region 1                                                  | 0.59                | (0.30 - 1.14)                         | 4.37                | (2.58 - 7.33)                         | 0.89              | (0.49 - 1.63)                       | 1.39              | (0.84 - 2.29)                       |
| Region 2                                                  | *                   | (* - *)                               | *                   | (* - *)                               | 0.73              | (0.35 - 1.50)                       | 0.99              | (0.52 - 1.89)                       |
| Region 3                                                  | 0.57                | (0.29 - 1.09)                         | 3.02                | (1.70 - 5.31)                         | 0.56              | (0.30 - 1.06)                       | 0.97              | (0.57 - 1.64)                       |
| Region 4                                                  | *                   | (* - *)                               | 2.93                | (1.59 - 5.35)                         | 0.58              | (0.29 - 1.12)                       | 0.95              | (0.54 - 1.68)                       |
| Region 5                                                  | 0.46                | (0.24 - 0.89)                         | 2.43                | (1.38 - 4.24)                         | 0.54              | (0.29 - 1.02)                       | 0.80              | (0.47 - 1.36)                       |
| <b>Tennessee</b>                                          | 0.48                | (0.30 - 0.76)                         | 4.20                | (3.14 - 5.61)                         | 1.15              | (0.80 - 1.66)                       | 1.58              | (1.17 - 2.12)                       |
| Region 1                                                  | *                   | (* - *)                               | 4.11                | (2.35 - 7.09)                         | 0.88              | (0.47 - 1.65)                       | 1.28              | (0.74 - 2.21)                       |
| Region 2                                                  | *                   | (* - *)                               | 3.81                | (2.16 - 6.63)                         | 0.80              | (0.44 - 1.47)                       | 1.20              | (0.71 - 2.02)                       |
| Region 3                                                  | *                   | (* - *)                               | 4.31                | (2.50 - 7.33)                         | 1.04              | (0.57 - 1.92)                       | 1.48              | (0.87 - 2.51)                       |
| Region 4 (Davidson)                                       | *                   | (* - *)                               | *                   | (* - *)                               | 1.74              | (0.96 - 3.13)                       | 2.44              | (1.44 - 4.10)                       |
| Region 5                                                  | 0.54                | (0.30 - 0.96)                         | 4.76                | (2.98 - 7.51)                         | 1.27              | (0.75 - 2.16)                       | 1.76              | (1.12 - 2.76)                       |
| Region 6                                                  | *                   | (* - *)                               | 3.29                | (1.82 - 5.88)                         | 1.15              | (0.61 - 2.16)                       | 1.46              | (0.82 - 2.57)                       |
| Region 7 (Shelby)                                         | *                   | (* - *)                               | 2.81                | (1.56 - 4.99)                         | 1.29              | (0.68 - 2.45)                       | 1.54              | (0.86 - 2.72)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 0.67                | (0.46 - 0.96)                         | 4.40                | (3.67 - 5.27)                         | 0.95              | (0.74 - 1.23)                       | 1.49              | (1.24 - 1.78)                       |
| Region 1                                                    | *                   | (* - *)                               | 4.77                | (2.73 - 8.22)                         | 1.00              | (0.55 - 1.79)                       | 1.65              | (0.98 - 2.75)                       |
| Region 2                                                    | *                   | (* - *)                               | 4.80                | (2.72 - 8.34)                         | 0.90              | (0.49 - 1.64)                       | 1.51              | (0.89 - 2.55)                       |
| Region 3                                                    | 0.52                | (0.34 - 0.81)                         | 3.75                | (2.74 - 5.12)                         | 0.88              | (0.61 - 1.27)                       | 1.30              | (0.97 - 1.73)                       |
| Region 3a                                                   | 0.49                | (0.30 - 0.82)                         | 3.58                | (2.41 - 5.28)                         | 0.87              | (0.55 - 1.38)                       | 1.27              | (0.88 - 1.82)                       |
| Region 3bc                                                  | 0.58                | (0.34 - 0.97)                         | 4.07                | (2.57 - 6.37)                         | 0.89              | (0.53 - 1.48)                       | 1.35              | (0.88 - 2.07)                       |
| Region 4                                                    | *                   | (* - *)                               | 4.15                | (2.52 - 6.76)                         | 0.90              | (0.51 - 1.59)                       | 1.35              | (0.83 - 2.18)                       |
| Region 5                                                    | *                   | (* - *)                               | 3.87                | (2.26 - 6.56)                         | 0.99              | (0.54 - 1.80)                       | 1.41              | (0.84 - 2.36)                       |
| Region 6                                                    | 0.52                | (0.32 - 0.84)                         | 4.52                | (3.24 - 6.27)                         | 0.88              | (0.59 - 1.31)                       | 1.43              | (1.05 - 1.94)                       |
| Region 6a                                                   | 0.52                | (0.31 - 0.86)                         | 4.43                | (3.07 - 6.33)                         | 0.87              | (0.56 - 1.34)                       | 1.41              | (1.01 - 1.97)                       |
| Region 6bc                                                  | *                   | (* - *)                               | 5.40                | (3.12 - 9.20)                         | 0.99              | (0.54 - 1.82)                       | 1.60              | (0.94 - 2.70)                       |
| Region 7                                                    | 0.64                | (0.41 - 1.00)                         | 6.82                | (4.97 - 9.28)                         | 1.35              | (0.91 - 1.99)                       | 2.29              | (1.69 - 3.09)                       |
| Region 7a                                                   | 0.70                | (0.42 - 1.17)                         | 7.67                | (5.15 - 11.26)                        | 1.37              | (0.85 - 2.21)                       | 2.34              | (1.60 - 3.41)                       |
| Region 7bcd                                                 | 0.52                | (0.31 - 0.89)                         | 5.69                | (3.55 - 8.99)                         | 1.29              | (0.75 - 2.21)                       | 2.19              | (1.41 - 3.39)                       |
| Region 8                                                    | 0.74                | (0.45 - 1.23)                         | 3.28                | (2.05 - 5.22)                         | 0.87              | (0.52 - 1.45)                       | 1.24              | (0.81 - 1.91)                       |
| Region 9                                                    | *                   | (* - *)                               | *                   | (* - *)                               | 1.36              | (0.72 - 2.56)                       | 2.33              | (1.37 - 3.93)                       |
| Region 10                                                   | *                   | (* - *)                               | 3.51                | (2.02 - 6.04)                         | 1.01              | (0.55 - 1.86)                       | 1.45              | (0.86 - 2.44)                       |
| Region 11                                                   | 1.27                | (0.74 - 2.18)                         | 3.09                | (2.02 - 4.71)                         | 0.80              | (0.49 - 1.29)                       | 1.19              | (0.80 - 1.78)                       |
| Region 11abd                                                | 1.15                | (0.63 - 2.07)                         | 3.66                | (2.18 - 6.10)                         | 0.85              | (0.47 - 1.52)                       | 1.32              | (0.80 - 2.15)                       |
| Region 11c (Hidalgo)                                        | 1.47                | (0.79 - 2.70)                         | 2.18                | (1.20 - 3.92)                         | 0.71              | (0.38 - 1.34)                       | 0.97              | (0.56 - 1.70)                       |
| <b>Utah</b>                                                 | 0.54                | (0.28 - 1.04)                         | 2.79                | (1.92 - 4.02)                         | 0.64              | (0.40 - 1.02)                       | 1.03              | (0.72 - 1.48)                       |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | *                   | (* - *)                               | *                   | (* - *)                               | 0.58              | (0.28 - 1.19)                       | 0.90              | (0.48 - 1.68)                       |
| Central, Four Corners, San<br>Juan, and Southwest           | *                   | (* - *)                               | 2.17                | (1.25 - 3.76)                         | 0.60              | (0.32 - 1.12)                       | 0.88              | (0.51 - 1.50)                       |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Southwest                                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.90              | (0.47 - 1.72)                       |
| Davis County                                                | *                   | (* - *)                               | *                   | (* - *)                               | 0.57              | (0.27 - 1.19)                       | 0.87              | (0.46 - 1.64)                       |
| Salt Lake County                                            | 0.48                | (0.23 - 1.01)                         | 3.84                | (2.37 - 6.16)                         | 0.75              | (0.43 - 1.31)                       | 1.25              | (0.80 - 1.95)                       |
| Utah County                                                 | 0.59                | (0.28 - 1.25)                         | 2.26                | (1.20 - 4.24)                         | 0.54              | (0.28 - 1.07)                       | 0.97              | (0.55 - 1.73)                       |
| Weber, Morgan                                               | *                   | (* - *)                               | 2.24                | (1.15 - 4.33)                         | 0.55              | (0.27 - 1.09)                       | 0.83              | (0.45 - 1.52)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 1.14                | (0.73 - 1.78)                         | 10.68               | (8.43 - 13.45)                        | 1.91              | (1.42 - 2.58)                       | 3.22              | (2.59 - 4.00)                       |
| Champlain Valley                      | 1.07                | (0.60 - 1.87)                         | 12.87               | (9.54 - 17.15)                        | 2.16              | (1.45 - 3.20)                       | 4.02              | (3.04 - 5.31)                       |
| Rural Northeast                       | 1.20                | (0.68 - 2.08)                         | *                   | (* - *)                               | 2.17              | (1.31 - 3.57)                       | 3.28              | (2.16 - 4.96)                       |
| Rural Southeast                       | 1.23                | (0.70 - 2.15)                         | *                   | (* - *)                               | 1.35              | (0.79 - 2.30)                       | 2.03              | (1.28 - 3.22)                       |
| Rural Southwest                       | 1.13                | (0.64 - 1.98)                         | *                   | (* - *)                               | 1.68              | (0.99 - 2.84)                       | 2.62              | (1.65 - 4.12)                       |
| <b>Virginia</b>                       | 0.40                | (0.25 - 0.63)                         | 4.03                | (3.16 - 5.14)                         | 1.12              | (0.81 - 1.55)                       | 1.53              | (1.19 - 1.97)                       |
| Region 1                              | 0.51                | (0.29 - 0.91)                         | 3.48                | (2.13 - 5.65)                         | 0.91              | (0.53 - 1.57)                       | 1.31              | (0.82 - 2.09)                       |
| Region 2                              | 0.36                | (0.19 - 0.67)                         | 3.40                | (2.12 - 5.39)                         | 0.81              | (0.48 - 1.37)                       | 1.12              | (0.72 - 1.73)                       |
| Region 3                              | 0.50                | (0.28 - 0.89)                         | 4.58                | (2.95 - 7.04)                         | 1.31              | (0.78 - 2.21)                       | 1.79              | (1.16 - 2.75)                       |
| Region 4                              | 0.33                | (0.18 - 0.59)                         | 4.26                | (2.74 - 6.57)                         | 1.36              | (0.81 - 2.25)                       | 1.77              | (1.15 - 2.72)                       |
| Region 5                              | 0.35                | (0.19 - 0.63)                         | 4.47                | (2.89 - 6.85)                         | 1.33              | (0.79 - 2.23)                       | 1.82              | (1.18 - 2.80)                       |
| <b>Washington</b>                     | 0.69                | (0.43 - 1.10)                         | 5.54                | (4.27 - 7.15)                         | 1.46              | (1.04 - 2.05)                       | 2.02              | (1.54 - 2.65)                       |
| Region 1                              | 0.82                | (0.48 - 1.39)                         | 4.19                | (2.76 - 6.31)                         | 1.23              | (0.76 - 2.00)                       | 1.70              | (1.13 - 2.56)                       |
| Greater Columbia and North<br>Central | 0.86                | (0.48 - 1.55)                         | 3.81                | (2.22 - 6.46)                         | 1.15              | (0.62 - 2.10)                       | 1.60              | (0.95 - 2.69)                       |
| Spokane                               | *                   | (* - *)                               | 4.85                | (2.74 - 8.46)                         | 1.34              | (0.71 - 2.52)                       | 1.84              | (1.06 - 3.19)                       |
| Region 2                              | 0.59                | (0.35 - 0.99)                         | 6.68                | (4.77 - 9.26)                         | 1.72              | (1.16 - 2.55)                       | 2.36              | (1.70 - 3.26)                       |
| King                                  | 0.50                | (0.27 - 0.93)                         | 8.11                | (5.43 - 11.94)                        | 2.16              | (1.39 - 3.32)                       | 2.90              | (2.00 - 4.18)                       |
| North Sound                           | *                   | (* - *)                               | 4.34                | (2.53 - 7.34)                         | 0.94              | (0.51 - 1.71)                       | 1.40              | (0.83 - 2.35)                       |
| Region 3                              | 0.74                | (0.45 - 1.22)                         | 5.03                | (3.56 - 7.08)                         | 1.24              | (0.81 - 1.90)                       | 1.76              | (1.23 - 2.50)                       |
| Pierce                                | *                   | (* - *)                               | 4.51                | (2.69 - 7.47)                         | 1.24              | (0.70 - 2.20)                       | 1.72              | (1.05 - 2.81)                       |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.86              | (1.06 - 3.26)                       |
| SW WA and Great Rivers                | *                   | (* - *)                               | 5.35                | (3.13 - 9.01)                         | 1.26              | (0.68 - 2.31)                       | 1.79              | (1.05 - 3.02)                       |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 0.61                | (0.37 - 1.00)                         | 4.61                | (3.43 - 6.16)                         | 0.90              | (0.60 - 1.35)                       | 1.38              | (1.01 - 1.88)                       |
| Region I                      | *                   | (* - *)                               | *                   | (* - *)                               | 0.85              | (0.42 - 1.70)                       | 1.35              | (0.74 - 2.46)                       |
| Region II                     | *                   | (* - *)                               | 3.16                | (1.71 - 5.78)                         | 0.77              | (0.40 - 1.47)                       | 1.08              | (0.61 - 1.92)                       |
| Region III                    | *                   | (* - *)                               | 3.54                | (1.91 - 6.45)                         | 0.76              | (0.38 - 1.53)                       | 1.07              | (0.58 - 1.98)                       |
| Region IV                     | 0.66                | (0.36 - 1.22)                         | 6.76                | (4.38 - 10.30)                        | 1.22              | (0.70 - 2.11)                       | 2.15              | (1.41 - 3.27)                       |
| Region V                      | 0.58                | (0.32 - 1.07)                         | 3.74                | (2.24 - 6.19)                         | 0.76              | (0.42 - 1.39)                       | 1.12              | (0.67 - 1.85)                       |
| Region VI                     | 0.63                | (0.34 - 1.16)                         | 3.71                | (2.18 - 6.23)                         | 0.94              | (0.51 - 1.75)                       | 1.26              | (0.74 - 2.13)                       |
| <b>Wisconsin</b>              | 0.74                | (0.46 - 1.17)                         | 4.51                | (3.41 - 5.93)                         | 1.08              | (0.75 - 1.55)                       | 1.57              | (1.18 - 2.07)                       |
| Milwaukee                     | *                   | (* - *)                               | 3.52                | (2.07 - 5.93)                         | 1.46              | (0.81 - 2.61)                       | 1.80              | (1.07 - 3.00)                       |
| Northeastern                  | 0.81                | (0.44 - 1.47)                         | 3.63                | (2.11 - 6.18)                         | 0.84              | (0.45 - 1.57)                       | 1.21              | (0.71 - 2.04)                       |
| Northern                      | *                   | (* - *)                               | 4.43                | (2.40 - 8.02)                         | 0.93              | (0.48 - 1.81)                       | 1.37              | (0.77 - 2.44)                       |
| Southeastern                  | 0.91                | (0.51 - 1.65)                         | 5.55                | (3.34 - 9.08)                         | 1.20              | (0.67 - 2.15)                       | 1.79              | (1.09 - 2.91)                       |
| Southern                      | 0.73                | (0.41 - 1.31)                         | 5.70                | (3.66 - 8.78)                         | 1.07              | (0.63 - 1.83)                       | 1.73              | (1.13 - 2.64)                       |
| Western                       | *                   | (* - *)                               | 4.05                | (2.38 - 6.81)                         | 0.94              | (0.51 - 1.72)                       | 1.42              | (0.85 - 2.35)                       |
| <b>Wyoming</b>                | 0.83                | (0.51 - 1.33)                         | 4.79                | (3.52 - 6.49)                         | 0.83              | (0.56 - 1.23)                       | 1.40              | (1.04 - 1.89)                       |
| Judicial District 1 (Laramie) | *                   | (* - *)                               | 4.92                | (2.78 - 8.56)                         | 0.80              | (0.43 - 1.46)                       | 1.35              | (0.79 - 2.27)                       |
| Judicial District 2           | *                   | (* - *)                               | 4.42                | (2.61 - 7.40)                         | 1.02              | (0.56 - 1.85)                       | 1.93              | (1.19 - 3.11)                       |
| Judicial District 3           | 0.87                | (0.48 - 1.58)                         | 4.23                | (2.35 - 7.49)                         | 0.78              | (0.41 - 1.48)                       | 1.26              | (0.73 - 2.17)                       |
| Judicial District 4           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.17              | (0.64 - 2.12)                       |
| Judicial District 5           | *                   | (* - *)                               | *                   | (* - *)                               | 0.64              | (0.33 - 1.25)                       | 1.09              | (0.61 - 1.93)                       |
| Judicial District 6           | *                   | (* - *)                               | 4.54                | (2.58 - 7.86)                         | 0.80              | (0.43 - 1.47)                       | 1.31              | (0.78 - 2.21)                       |
| Judicial District 7 (Natrona) | 0.84                | (0.46 - 1.52)                         | *                   | (* - *)                               | 0.90              | (0.50 - 1.63)                       | 1.63              | (0.99 - 2.68)                       |
| Judicial District 8           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.08              | (0.60 - 1.94)                       |
| Judicial District 9           | *                   | (* - *)                               | 4.99                | (2.75 - 8.90)                         | 1.11              | (0.61 - 2.01)                       | 1.58              | (0.93 - 2.68)                       |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 0.08                | (0.06 - 0.12)                         | 0.68                | (0.59 - 0.79)                         | 0.31              | (0.27 - 0.35)                       | 0.36              | (0.33 - 0.40)                       |
| <b>Northeast</b>           | 0.10                | (0.06 - 0.16)                         | 0.95                | (0.77 - 1.17)                         | 0.51              | (0.41 - 0.64)                       | 0.57              | (0.47 - 0.69)                       |
| <b>Midwest</b>             | 0.08                | (0.05 - 0.13)                         | 0.67                | (0.54 - 0.82)                         | 0.28              | (0.22 - 0.37)                       | 0.34              | (0.27 - 0.42)                       |
| <b>South</b>               | 0.07                | (0.05 - 0.11)                         | 0.61                | (0.51 - 0.73)                         | 0.25              | (0.19 - 0.32)                       | 0.30              | (0.24 - 0.36)                       |
| <b>West</b>                | 0.09                | (0.05 - 0.15)                         | 0.61                | (0.48 - 0.76)                         | 0.27              | (0.20 - 0.36)                       | 0.32              | (0.25 - 0.40)                       |
| <b>Alabama</b>             | 0.06                | (0.03 - 0.14)                         | 0.66                | (0.37 - 1.18)                         | 0.24              | (0.12 - 0.47)                       | 0.30              | (0.17 - 0.55)                       |
| Region 1                   | *                   | (* - *)                               | 0.78                | (0.39 - 1.56)                         | 0.23              | (0.11 - 0.51)                       | 0.30              | (0.15 - 0.59)                       |
| Region 2                   | *                   | (* - *)                               | 0.66                | (0.33 - 1.33)                         | 0.27              | (0.12 - 0.59)                       | 0.32              | (0.16 - 0.64)                       |
| Region 3                   | *                   | (* - *)                               | 0.50                | (0.24 - 1.04)                         | 0.24              | (0.10 - 0.57)                       | 0.29              | (0.14 - 0.60)                       |
| Region 4                   | *                   | (* - *)                               | 0.70                | (0.34 - 1.42)                         | 0.22              | (0.09 - 0.49)                       | 0.28              | (0.14 - 0.56)                       |
| <b>Alaska</b>              | 0.15                | (0.05 - 0.40)                         | 1.61                | (1.00 - 2.58)                         | 0.75              | (0.43 - 1.29)                       | 0.88              | (0.55 - 1.40)                       |
| Anchorage                  | *                   | (* - *)                               | 1.45                | (0.83 - 2.52)                         | 0.81              | (0.43 - 1.52)                       | 0.91              | (0.54 - 1.55)                       |
| Northern                   | *                   | (* - *)                               | 1.20                | (0.63 - 2.30)                         | 0.68              | (0.33 - 1.38)                       | 0.77              | (0.42 - 1.41)                       |
| South Central              | *                   | (* - *)                               | 2.17                | (1.18 - 3.95)                         | 0.69              | (0.35 - 1.36)                       | 0.90              | (0.52 - 1.56)                       |
| Southeast                  | *                   | (* - *)                               | *                   | (* - *)                               | 0.78              | (0.37 - 1.64)                       | 0.94              | (0.50 - 1.76)                       |
| <b>Arizona</b>             | 0.12                | (0.05 - 0.29)                         | 1.02                | (0.60 - 1.73)                         | 0.48              | (0.27 - 0.85)                       | 0.56              | (0.34 - 0.92)                       |
| Central                    | 0.13                | (0.05 - 0.35)                         | 0.85                | (0.46 - 1.59)                         | 0.50              | (0.27 - 0.95)                       | 0.55              | (0.32 - 0.97)                       |
| North                      | *                   | (* - *)                               | *                   | (* - *)                               | 0.47              | (0.22 - 1.02)                       | 0.58              | (0.30 - 1.13)                       |
| South                      | *                   | (* - *)                               | 1.28                | (0.69 - 2.34)                         | 0.43              | (0.21 - 0.85)                       | 0.55              | (0.31 - 0.99)                       |
| South A                    | *                   | (* - *)                               | 1.28                | (0.65 - 2.51)                         | 0.47              | (0.22 - 1.00)                       | 0.59              | (0.31 - 1.11)                       |
| South B                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.51              | (0.26 - 0.99)                       |
| <b>Arkansas</b>            | 0.06                | (0.03 - 0.13)                         | 0.43                | (0.21 - 0.89)                         | 0.17              | (0.07 - 0.38)                       | 0.21              | (0.10 - 0.43)                       |
| Catchment Area 1           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.17              | (0.07 - 0.39)                       |
| Catchment Area 2           | *                   | (* - *)                               | 0.56                | (0.23 - 1.33)                         | *                 | (* - *)                             | 0.20              | (0.08 - 0.46)                       |
| Catchment Area 3           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.21              | (0.09 - 0.49)                       |
| Catchment Area 4           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Catchment Area 5           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.24              | (0.11 - 0.55)                       |
| Catchment Area 6           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Catchment Area 7           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Catchment Area 8           | *                   | (* - *)                               | *                   | (* - *)                               | 0.19              | (0.07 - 0.49)                       | 0.22              | (0.09 - 0.51)                       |

See notes at end of table.

(continued)



**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 0.08                | (0.04 - 0.18)                         | 0.43                | (0.28 - 0.66)                         | 0.19              | (0.11 - 0.31)                       | 0.22              | (0.14 - 0.35)                       |
| Region 1R                   | *                   | (* - *)                               | 0.85                | (0.45 - 1.62)                         | *                 | (* - *)                             | 0.33              | (0.18 - 0.58)                       |
| Region 2R                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.24              | (0.13 - 0.43)                       |
| Region 3R (Sacramento)      | *                   | (* - *)                               | *                   | (* - *)                               | 0.16              | (0.07 - 0.34)                       | 0.20              | (0.11 - 0.37)                       |
| Region 4R                   | *                   | (* - *)                               | *                   | (* - *)                               | 0.18              | (0.08 - 0.37)                       | 0.26              | (0.14 - 0.47)                       |
| Region 5R (San Francisco)   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.28              | (0.15 - 0.53)                       |
| Region 6 (Santa Clara)      | *                   | (* - *)                               | *                   | (* - *)                               | 0.10              | (0.05 - 0.23)                       | 0.14              | (0.07 - 0.26)                       |
| Region 7R (Contra Costa)    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.21              | (0.12 - 0.38)                       |
| Region 8R (Alameda)         | *                   | (* - *)                               | *                   | (* - *)                               | 0.19              | (0.09 - 0.41)                       | 0.22              | (0.12 - 0.41)                       |
| Region 9R (San Mateo)       | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 10                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.24              | (0.13 - 0.44)                       |
| Region 11 (Los Angeles)     | 0.07                | (0.03 - 0.16)                         | 0.36                | (0.22 - 0.57)                         | 0.23              | (0.13 - 0.40)                       | 0.25              | (0.15 - 0.40)                       |
| LA SPA 1 and 5              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.23              | (0.12 - 0.45)                       |
| LA SPA 2                    | *                   | (* - *)                               | 0.51                | (0.27 - 0.94)                         | 0.22              | (0.11 - 0.45)                       | 0.26              | (0.14 - 0.47)                       |
| LA SPA 3                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.17              | (0.08 - 0.36)                       | 0.20              | (0.11 - 0.38)                       |
| LA SPA 4                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.27              | (0.14 - 0.50)                       |
| LA SPA 6                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.36              | (0.17 - 0.80)                       | 0.33              | (0.16 - 0.66)                       |
| LA SPA 7                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.22              | (0.12 - 0.43)                       |
| LA SPA 8                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.25              | (0.12 - 0.51)                       | 0.26              | (0.14 - 0.49)                       |
| Region 12R                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Regions 13 and 19R          | *                   | (* - *)                               | 0.36                | (0.19 - 0.69)                         | 0.14              | (0.07 - 0.29)                       | 0.18              | (0.10 - 0.32)                       |
| Region 14 (Orange)          | *                   | (* - *)                               | 0.46                | (0.23 - 0.89)                         | 0.17              | (0.08 - 0.36)                       | 0.21              | (0.11 - 0.40)                       |
| Region 15R (Fresno)         | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.22              | (0.12 - 0.41)                       |
| Region 16R (San Diego)      | *                   | (* - *)                               | 0.44                | (0.23 - 0.84)                         | 0.18              | (0.09 - 0.35)                       | 0.22              | (0.12 - 0.39)                       |
| Region 17R                  | *                   | (* - *)                               | 0.30                | (0.16 - 0.58)                         | 0.20              | (0.10 - 0.40)                       | 0.21              | (0.12 - 0.39)                       |
| Region 18R (San Bernardino) | *                   | (* - *)                               | 0.34                | (0.18 - 0.67)                         | 0.15              | (0.07 - 0.32)                       | 0.19              | (0.10 - 0.34)                       |
| Region 20R                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.20              | (0.11 - 0.38)                       |
| Region 21R                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.27              | (0.15 - 0.49)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 0.09                | (0.04 - 0.18)                         | 0.72                | (0.40 - 1.28)                         | 0.30              | (0.16 - 0.58)                       | 0.36              | (0.20 - 0.65)                       |
| Region 1                                  | *                   | (* - *)                               | 0.87                | (0.41 - 1.83)                         | 0.30              | (0.14 - 0.68)                       | 0.39              | (0.19 - 0.79)                       |
| Region 2                                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 3                                  | *                   | (* - *)                               | 0.60                | (0.29 - 1.21)                         | 0.23              | (0.10 - 0.50)                       | 0.28              | (0.14 - 0.56)                       |
| Region 4                                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 5                                  | *                   | (* - *)                               | *                   | (* - *)                               | 0.47              | (0.21 - 1.07)                       | 0.46              | (0.21 - 1.00)                       |
| Region 6                                  | *                   | (* - *)                               | 0.85                | (0.41 - 1.76)                         | 0.29              | (0.13 - 0.63)                       | 0.37              | (0.19 - 0.73)                       |
| Region 7                                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.34              | (0.17 - 0.70)                       |
| <b>Connecticut</b>                        | 0.11                | (0.05 - 0.22)                         | 1.34                | (0.80 - 2.23)                         | 0.63              | (0.37 - 1.08)                       | 0.73              | (0.45 - 1.19)                       |
| Eastern                                   | *                   | (* - *)                               | 1.62                | (0.84 - 3.08)                         | 0.67              | (0.34 - 1.33)                       | 0.84              | (0.46 - 1.51)                       |
| North Central                             | *                   | (* - *)                               | 1.32                | (0.70 - 2.48)                         | 0.70              | (0.36 - 1.35)                       | 0.78              | (0.44 - 1.40)                       |
| Northwestern                              | *                   | (* - *)                               | 1.42                | (0.73 - 2.73)                         | 0.56              | (0.28 - 1.12)                       | 0.67              | (0.36 - 1.23)                       |
| South Central                             | *                   | (* - *)                               | 1.39                | (0.73 - 2.65)                         | 0.70              | (0.35 - 1.38)                       | 0.80              | (0.44 - 1.45)                       |
| Southwest                                 | *                   | (* - *)                               | 0.98                | (0.47 - 2.03)                         | 0.50              | (0.23 - 1.06)                       | 0.56              | (0.29 - 1.10)                       |
| <b>Delaware</b>                           | 0.10                | (0.04 - 0.27)                         | 1.94                | (1.24 - 3.01)                         | 0.95              | (0.60 - 1.52)                       | 1.09              | (0.73 - 1.63)                       |
| Kent                                      | *                   | (* - *)                               | 1.80                | (0.95 - 3.39)                         | 0.80              | (0.41 - 1.56)                       | 0.95              | (0.54 - 1.68)                       |
| New Castle (excluding<br>Wilmington City) | 0.12                | (0.04 - 0.33)                         | 2.10                | (1.27 - 3.47)                         | 1.01              | (0.60 - 1.72)                       | 1.17              | (0.75 - 1.83)                       |
| Sussex                                    | *                   | (* - *)                               | 2.03                | (1.11 - 3.70)                         | 0.75              | (0.40 - 1.41)                       | 0.88              | (0.50 - 1.53)                       |
| Wilmington City                           | *                   | (* - *)                               | *                   | (* - *)                               | 1.55              | (0.73 - 3.24)                       | 1.46              | (0.73 - 2.93)                       |
| <b>District of Columbia</b>               | 0.05                | (0.02 - 0.11)                         | 0.25                | (0.11 - 0.55)                         | 0.54              | (0.27 - 1.06)                       | 0.49              | (0.25 - 0.95)                       |
| Ward 1                                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.45              | (0.19 - 1.04)                       | 0.39              | (0.17 - 0.90)                       |
| Ward 2                                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.40              | (0.16 - 1.00)                       | 0.37              | (0.16 - 0.87)                       |
| Ward 3                                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.33              | (0.15 - 0.74)                       |
| Ward 4                                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.31              | (0.13 - 0.77)                       | 0.32              | (0.14 - 0.74)                       |
| Ward 5                                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.67              | (0.27 - 1.65)                       | 0.61              | (0.26 - 1.44)                       |
| Ward 6                                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.35              | (0.15 - 0.83)                       | 0.34              | (0.15 - 0.78)                       |
| Ward 7                                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.79              | (0.33 - 1.91)                       |
| Ward 8                                    | *                   | (* - *)                               | *                   | (* - *)                               | 1.03              | (0.44 - 2.40)                       | 0.85              | (0.37 - 1.96)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 0.10                | (0.05 - 0.21)                         | 0.66                | (0.45 - 0.97)                         | 0.22              | (0.14 - 0.35)                       | 0.27              | (0.18 - 0.41)                       |
| Broward (Circuit 17)                                                    | *                   | (* - *)                               | 0.57                | (0.31 - 1.04)                         | 0.21              | (0.10 - 0.43)                       | 0.25              | (0.14 - 0.46)                       |
| Central I                                                               | 0.11                | (0.05 - 0.27)                         | 0.61                | (0.37 - 0.99)                         | 0.24              | (0.13 - 0.42)                       | 0.29              | (0.18 - 0.47)                       |
| Circuit 9                                                               | *                   | (* - *)                               | 0.49                | (0.26 - 0.91)                         | 0.28              | (0.15 - 0.54)                       | 0.31              | (0.18 - 0.56)                       |
| Circuit 18                                                              | *                   | (* - *)                               | 0.84                | (0.46 - 1.53)                         | 0.17              | (0.09 - 0.35)                       | 0.25              | (0.15 - 0.44)                       |
| Central II                                                              | 0.11                | (0.05 - 0.27)                         | 0.71                | (0.46 - 1.10)                         | 0.21              | (0.12 - 0.35)                       | 0.26              | (0.17 - 0.41)                       |
| Circuit 6                                                               | *                   | (* - *)                               | 0.83                | (0.45 - 1.54)                         | 0.23              | (0.12 - 0.46)                       | 0.29              | (0.17 - 0.53)                       |
| Circuit 10                                                              | *                   | (* - *)                               | 0.67                | (0.37 - 1.23)                         | 0.19              | (0.09 - 0.38)                       | 0.25              | (0.14 - 0.44)                       |
| Circuit 12                                                              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.24              | (0.14 - 0.44)                       |
| Circuit 13 (Hillsborough)                                               | *                   | (* - *)                               | 0.49                | (0.26 - 0.92)                         | 0.22              | (0.11 - 0.46)                       | 0.26              | (0.14 - 0.47)                       |
| Circuit 20                                                              | *                   | (* - *)                               | *                   | (* - *)                               | 0.19              | (0.09 - 0.38)                       | 0.25              | (0.14 - 0.45)                       |
| Northeast                                                               | 0.11                | (0.04 - 0.26)                         | 0.66                | (0.43 - 1.04)                         | 0.23              | (0.13 - 0.38)                       | 0.28              | (0.18 - 0.44)                       |
| Circuit 4                                                               | *                   | (* - *)                               | *                   | (* - *)                               | 0.29              | (0.15 - 0.56)                       | 0.33              | (0.18 - 0.58)                       |
| Circuit 5                                                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.20              | (0.11 - 0.37)                       |
| Circuit 7                                                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.33              | (0.18 - 0.60)                       |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Northwest                                                               | *                   | (* - *)                               | 0.63                | (0.39 - 1.01)                         | 0.27              | (0.15 - 0.48)                       | 0.33              | (0.20 - 0.53)                       |
| Circuit 1                                                               | *                   | (* - *)                               | 0.82                | (0.45 - 1.48)                         | *                 | (* - *)                             | 0.35              | (0.20 - 0.61)                       |
| Circuit 2 plus Madison and<br>Taylor                                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.26              | (0.14 - 0.48)                       |
| Circuit 14                                                              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| South (Circuits 11 and 16)                                              | *                   | (* - *)                               | 0.53                | (0.28 - 1.02)                         | 0.18              | (0.09 - 0.38)                       | 0.23              | (0.12 - 0.41)                       |
| Southeast                                                               | *                   | (* - *)                               | 0.88                | (0.49 - 1.57)                         | 0.24              | (0.12 - 0.46)                       | 0.31              | (0.18 - 0.54)                       |
| Circuit 15 (Palm Beach)                                                 | *                   | (* - *)                               | 0.94                | (0.47 - 1.88)                         | 0.27              | (0.13 - 0.57)                       | 0.35              | (0.18 - 0.65)                       |
| Circuit 19                                                              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.23              | (0.13 - 0.41)                       |
| <b>Georgia</b>                                                          | 0.06                | (0.02 - 0.14)                         | 0.28                | (0.14 - 0.58)                         | 0.11              | (0.05 - 0.26)                       | 0.14              | (0.07 - 0.29)                       |
| Region 1                                                                | *                   | (* - *)                               | 0.36                | (0.16 - 0.81)                         | 0.09              | (0.03 - 0.23)                       | 0.12              | (0.05 - 0.28)                       |
| Region 2                                                                | *                   | (* - *)                               | *                   | (* - *)                               | 0.14              | (0.05 - 0.35)                       | 0.17              | (0.07 - 0.37)                       |
| Region 3                                                                | *                   | (* - *)                               | 0.18                | (0.08 - 0.42)                         | 0.10              | (0.04 - 0.27)                       | 0.11              | (0.05 - 0.27)                       |
| Region 4                                                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 5                                                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.17              | (0.07 - 0.39)                       |
| Region 6                                                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.14              | (0.06 - 0.33)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 0.06                | (0.02 - 0.15)                         | 0.55                | (0.27 - 1.11)                         | 0.18              | (0.08 - 0.41)                       | 0.23              | (0.11 - 0.46)                       |
| Hawaii Island                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.27              | (0.12 - 0.59)                       |
| Honolulu                        | *                   | (* - *)                               | 0.49                | (0.23 - 1.06)                         | 0.17              | (0.07 - 0.42)                       | 0.22              | (0.10 - 0.46)                       |
| Kauai                           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Maui                            | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.22              | (0.10 - 0.50)                       |
| <b>Idaho</b>                    | 0.08                | (0.04 - 0.17)                         | 0.62                | (0.34 - 1.11)                         | 0.26              | (0.13 - 0.51)                       | 0.31              | (0.17 - 0.57)                       |
| Region 1                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.33              | (0.16 - 0.67)                       |
| Region 2                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 3                        | *                   | (* - *)                               | 0.51                | (0.23 - 1.10)                         | 0.23              | (0.10 - 0.54)                       | 0.27              | (0.13 - 0.57)                       |
| Region 4                        | *                   | (* - *)                               | 0.61                | (0.30 - 1.23)                         | 0.29              | (0.13 - 0.62)                       | 0.33              | (0.16 - 0.66)                       |
| Region 5                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.31              | (0.15 - 0.65)                       |
| Region 6                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 7                        | *                   | (* - *)                               | *                   | (* - *)                               | 0.24              | (0.10 - 0.55)                       | 0.28              | (0.14 - 0.58)                       |
| <b>Illinois</b>                 | 0.08                | (0.04 - 0.15)                         | 0.54                | (0.34 - 0.85)                         | 0.26              | (0.16 - 0.44)                       | 0.30              | (0.19 - 0.48)                       |
| Region 1 (Cook)                 | 0.07                | (0.03 - 0.14)                         | 0.38                | (0.22 - 0.64)                         | 0.30              | (0.17 - 0.53)                       | 0.31              | (0.19 - 0.53)                       |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 1.4 (West Side)          | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.39              | (0.18 - 0.81)                       |
| Region 1.5 (South Side)         | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.56              | (0.25 - 1.23)                       |
| Region 1.6 (Southwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.31              | (0.15 - 0.63)                       |
| Region 1.7 (Suburban Cook)      | *                   | (* - *)                               | 0.49                | (0.26 - 0.91)                         | 0.20              | (0.10 - 0.40)                       | 0.23              | (0.13 - 0.43)                       |
| Region 2                        | 0.09                | (0.05 - 0.19)                         | 0.57                | (0.34 - 0.95)                         | 0.18              | (0.10 - 0.32)                       | 0.23              | (0.14 - 0.38)                       |
| Region 2a (DuPage)              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.22              | (0.12 - 0.41)                       |
| Region 2b                       | *                   | (* - *)                               | 0.49                | (0.25 - 0.93)                         | 0.15              | (0.07 - 0.31)                       | 0.20              | (0.11 - 0.36)                       |
| Region 2c (Winnebago)           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 2d                       | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.31              | (0.17 - 0.57)                       |
| Region 3                        | *                   | (* - *)                               | 0.64                | (0.36 - 1.14)                         | 0.29              | (0.15 - 0.56)                       | 0.34              | (0.19 - 0.61)                       |
| Region 3a (Champaign)           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 3b                       | *                   | (* - *)                               | 0.73                | (0.39 - 1.36)                         | 0.29              | (0.14 - 0.59)                       | 0.35              | (0.19 - 0.65)                       |
| Region 4                        | *                   | (* - *)                               | 0.82                | (0.45 - 1.50)                         | 0.29              | (0.15 - 0.57)                       | 0.37              | (0.21 - 0.64)                       |
| Region 4a (Sangamon)            | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 4b                       | *                   | (* - *)                               | *                   | (* - *)                               | 0.29              | (0.14 - 0.62)                       | 0.37              | (0.20 - 0.69)                       |
| Region 5                        | *                   | (* - *)                               | 0.77                | (0.43 - 1.38)                         | 0.31              | (0.17 - 0.57)                       | 0.37              | (0.22 - 0.64)                       |
| Region 5a                       | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.38              | (0.20 - 0.72)                       |
| Region 5b                       | *                   | (* - *)                               | 0.81                | (0.42 - 1.56)                         | 0.30              | (0.15 - 0.59)                       | 0.37              | (0.20 - 0.67)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 0.09                | (0.05 - 0.16)                         | 0.94                | (0.56 - 1.59)                         | 0.38              | (0.21 - 0.71)                       | 0.47              | (0.27 - 0.80)                       |
| Central                                     | *                   | (* - *)                               | 0.70                | (0.36 - 1.37)                         | 0.39              | (0.18 - 0.83)                       | 0.43              | (0.22 - 0.85)                       |
| East                                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.62              | (0.31 - 1.23)                       |
| North Central                               | *                   | (* - *)                               | 1.06                | (0.52 - 2.14)                         | 0.35              | (0.16 - 0.75)                       | 0.45              | (0.23 - 0.88)                       |
| Northeast                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.41              | (0.21 - 0.81)                       |
| Northwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.46              | (0.23 - 0.91)                       |
| Southeast                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.50              | (0.25 - 0.99)                       |
| Southwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.52              | (0.27 - 1.01)                       |
| West                                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.44              | (0.22 - 0.87)                       |
| <b>Iowa</b>                                 | 0.08                | (0.03 - 0.20)                         | 0.41                | (0.19 - 0.88)                         | 0.11              | (0.04 - 0.27)                       | 0.15              | (0.07 - 0.34)                       |
| Central                                     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.13              | (0.05 - 0.31)                       |
| North Central                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Northeast                                   | *                   | (* - *)                               | 0.45                | (0.19 - 1.08)                         | 0.10              | (0.04 - 0.30)                       | 0.16              | (0.07 - 0.37)                       |
| Northwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.17              | (0.07 - 0.39)                       |
| Southeast                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.15              | (0.06 - 0.37)                       |
| Southwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| <b>Kansas</b>                               | 0.07                | (0.03 - 0.17)                         | 0.41                | (0.19 - 0.86)                         | 0.15              | (0.06 - 0.35)                       | 0.19              | (0.09 - 0.40)                       |
| Northeast                                   | *                   | (* - *)                               | 0.35                | (0.15 - 0.80)                         | 0.13              | (0.05 - 0.33)                       | 0.16              | (0.07 - 0.37)                       |
| Northwest and North Central                 | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| South Central                               | *                   | (* - *)                               | 0.42                | (0.18 - 0.97)                         | 0.18              | (0.07 - 0.44)                       | 0.21              | (0.09 - 0.47)                       |
| Southeast                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Southwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| <b>Kentucky</b>                             | 0.09                | (0.04 - 0.18)                         | 0.95                | (0.56 - 1.61)                         | 0.48              | (0.28 - 0.85)                       | 0.55              | (0.33 - 0.92)                       |
| Adanta, Cumberland River,<br>and Lifeskills | *                   | (* - *)                               | *                   | (* - *)                               | 0.45              | (0.21 - 0.93)                       | 0.51              | (0.26 - 0.98)                       |
| Bluegrass, Comprehend, and<br>North Key     | *                   | (* - *)                               | 0.99                | (0.52 - 1.89)                         | 0.51              | (0.26 - 1.00)                       | 0.58              | (0.31 - 1.06)                       |
| Centerstone                                 | *                   | (* - *)                               | 0.91                | (0.46 - 1.82)                         | 0.52              | (0.25 - 1.08)                       | 0.58              | (0.30 - 1.11)                       |
| Communicare and River Valley                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.50              | (0.25 - 1.01)                       |
| Four Rivers and Pennyroyal                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.52              | (0.27 - 1.02)                       |
| Kentucky River, Mountain,<br>and Pathways   | *                   | (* - *)                               | *                   | (* - *)                               | 0.50              | (0.23 - 1.06)                       | 0.56              | (0.29 - 1.11)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 0.06                | (0.03 - 0.15)                         | 0.32                | (0.15 - 0.70)                         | 0.15              | (0.06 - 0.36)                       | 0.18              | (0.08 - 0.38)                       |
| Regions 1 and 10      | *                   | (* - *)                               | *                   | (* - *)                               | 0.19              | (0.07 - 0.48)                       | 0.20              | (0.08 - 0.47)                       |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 10 (Jefferson) | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Regions 2 and 9       | *                   | (* - *)                               | 0.32                | (0.13 - 0.76)                         | 0.13              | (0.05 - 0.34)                       | 0.16              | (0.07 - 0.37)                       |
| Region 3              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Regions 4, 5, and 6   | *                   | (* - *)                               | *                   | (* - *)                               | 0.15              | (0.06 - 0.40)                       | 0.18              | (0.08 - 0.43)                       |
| Regions 7 and 8       | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.18              | (0.07 - 0.44)                       |
| <b>Maine</b>          | 0.08                | (0.04 - 0.17)                         | 1.17                | (0.70 - 1.95)                         | 0.41              | (0.23 - 0.73)                       | 0.50              | (0.30 - 0.84)                       |
| Aroostook/Downeast    | *                   | (* - *)                               | 1.26                | (0.68 - 2.31)                         | 0.42              | (0.22 - 0.81)                       | 0.51              | (0.29 - 0.92)                       |
| Aroostook             | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.56              | (0.29 - 1.09)                       |
| Downeast              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Central               | *                   | (* - *)                               | *                   | (* - *)                               | 0.44              | (0.21 - 0.92)                       | 0.54              | (0.29 - 1.03)                       |
| Cumberland            | *                   | (* - *)                               | 1.02                | (0.51 - 2.01)                         | 0.44              | (0.21 - 0.90)                       | 0.51              | (0.27 - 0.96)                       |
| Midcoast              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.38              | (0.19 - 0.75)                       |
| Penquis               | *                   | (* - *)                               | 1.11                | (0.57 - 2.16)                         | 0.52              | (0.25 - 1.07)                       | 0.61              | (0.32 - 1.14)                       |
| Western               | *                   | (* - *)                               | 1.11                | (0.55 - 2.23)                         | 0.40              | (0.19 - 0.84)                       | 0.49              | (0.26 - 0.93)                       |
| York                  | *                   | (* - *)                               | 1.24                | (0.63 - 2.41)                         | 0.37              | (0.18 - 0.76)                       | 0.46              | (0.25 - 0.88)                       |
| <b>Maryland</b>       | 0.10                | (0.05 - 0.19)                         | 0.95                | (0.56 - 1.61)                         | 0.57              | (0.34 - 0.96)                       | 0.62              | (0.38 - 1.01)                       |
| Anne Arundel          | *                   | (* - *)                               | *                   | (* - *)                               | 0.52              | (0.25 - 1.08)                       | 0.61              | (0.32 - 1.17)                       |
| Baltimore City        | *                   | (* - *)                               | *                   | (* - *)                               | 1.59              | (0.78 - 3.22)                       | 1.40              | (0.71 - 2.78)                       |
| Baltimore County      | *                   | (* - *)                               | *                   | (* - *)                               | 0.51              | (0.25 - 1.03)                       | 0.57              | (0.31 - 1.07)                       |
| Montgomery            | *                   | (* - *)                               | 0.79                | (0.38 - 1.61)                         | 0.24              | (0.11 - 0.51)                       | 0.30              | (0.15 - 0.58)                       |
| North Central         | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.45              | (0.23 - 0.86)                       |
| Northeast             | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.75              | (0.39 - 1.46)                       |
| Prince George's       | *                   | (* - *)                               | *                   | (* - *)                               | 0.34              | (0.15 - 0.76)                       | 0.35              | (0.17 - 0.72)                       |
| South                 | *                   | (* - *)                               | *                   | (* - *)                               | 0.57              | (0.28 - 1.15)                       | 0.67              | (0.36 - 1.25)                       |
| West                  | *                   | (* - *)                               | *                   | (* - *)                               | 0.71              | (0.35 - 1.42)                       | 0.81              | (0.43 - 1.52)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 0.09                | (0.04 - 0.19)                         | 0.62                | (0.33 - 1.13)                         | 0.30              | (0.15 - 0.59)                       | 0.34              | (0.19 - 0.64)                       |
| Boston                | *                   | (* - *)                               | *                   | (* - *)                               | 0.59              | (0.26 - 1.35)                       | 0.53              | (0.24 - 1.16)                       |
| Central               | *                   | (* - *)                               | *                   | (* - *)                               | 0.31              | (0.14 - 0.71)                       | 0.38              | (0.19 - 0.78)                       |
| Metrowest             | *                   | (* - *)                               | *                   | (* - *)                               | 0.18              | (0.08 - 0.42)                       | 0.23              | (0.11 - 0.47)                       |
| Northeast             | *                   | (* - *)                               | 0.66                | (0.30 - 1.47)                         | 0.22              | (0.10 - 0.50)                       | 0.28              | (0.13 - 0.58)                       |
| Southeast             | *                   | (* - *)                               | 0.80                | (0.38 - 1.68)                         | 0.29              | (0.13 - 0.65)                       | 0.35              | (0.17 - 0.72)                       |
| Western               | *                   | (* - *)                               | 0.68                | (0.32 - 1.47)                         | *                 | (* - *)                             | 0.42              | (0.20 - 0.86)                       |
| <b>Michigan</b>       | 0.08                | (0.04 - 0.16)                         | 0.67                | (0.45 - 1.00)                         | 0.35              | (0.22 - 0.55)                       | 0.40              | (0.27 - 0.59)                       |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.41              | (0.24 - 0.72)                       |
| Region 2              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.32              | (0.17 - 0.58)                       |
| Region 3              | *                   | (* - *)                               | 0.56                | (0.29 - 1.05)                         | 0.29              | (0.15 - 0.56)                       | 0.33              | (0.18 - 0.58)                       |
| Region 4              | *                   | (* - *)                               | 0.73                | (0.40 - 1.33)                         | 0.32              | (0.17 - 0.61)                       | 0.38              | (0.22 - 0.66)                       |
| Region 5              | *                   | (* - *)                               | 0.63                | (0.35 - 1.11)                         | 0.28              | (0.15 - 0.53)                       | 0.34              | (0.20 - 0.58)                       |
| Region 6              | *                   | (* - *)                               | 0.72                | (0.39 - 1.33)                         | 0.31              | (0.16 - 0.61)                       | 0.38              | (0.22 - 0.67)                       |
| Region 7              | *                   | (* - *)                               | 0.51                | (0.28 - 0.92)                         | 0.52              | (0.27 - 1.01)                       | 0.52              | (0.29 - 0.94)                       |
| Region 8              | *                   | (* - *)                               | 0.68                | (0.36 - 1.26)                         | 0.36              | (0.19 - 0.69)                       | 0.40              | (0.22 - 0.71)                       |
| Region 9              | *                   | (* - *)                               | 0.83                | (0.45 - 1.52)                         | 0.31              | (0.16 - 0.60)                       | 0.38              | (0.21 - 0.67)                       |
| Region 10             | *                   | (* - *)                               | 0.78                | (0.42 - 1.44)                         | 0.40              | (0.21 - 0.76)                       | 0.45              | (0.25 - 0.79)                       |
| <b>Minnesota</b>      | 0.09                | (0.04 - 0.20)                         | 0.65                | (0.33 - 1.26)                         | 0.20              | (0.10 - 0.44)                       | 0.27              | (0.13 - 0.53)                       |
| Regions 1 and 2       | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.32              | (0.15 - 0.68)                       |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 2              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Regions 3 and 4       | *                   | (* - *)                               | *                   | (* - *)                               | 0.23              | (0.10 - 0.54)                       | 0.30              | (0.14 - 0.64)                       |
| Region 3              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 4              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.29              | (0.13 - 0.66)                       |
| Regions 5 and 6       | *                   | (* - *)                               | 0.82                | (0.39 - 1.70)                         | *                 | (* - *)                             | 0.30              | (0.14 - 0.62)                       |
| Region 5              | *                   | (* - *)                               | 0.81                | (0.36 - 1.78)                         | *                 | (* - *)                             | 0.31              | (0.14 - 0.68)                       |
| Region 6              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 7              | *                   | (* - *)                               | 0.51                | (0.25 - 1.04)                         | 0.19              | (0.09 - 0.42)                       | 0.23              | (0.11 - 0.48)                       |
| Region 7A (Hennepin)  | *                   | (* - *)                               | *                   | (* - *)                               | 0.20              | (0.08 - 0.47)                       | 0.23              | (0.10 - 0.50)                       |
| Region 7B (Ramsey)    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.30              | (0.13 - 0.67)                       |
| Region 7C             | *                   | (* - *)                               | *                   | (* - *)                               | 0.15              | (0.06 - 0.38)                       | 0.21              | (0.10 - 0.47)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 0.05                | (0.02 - 0.11)                         | 0.40                | (0.19 - 0.81)                         | 0.17              | (0.07 - 0.37)                       | 0.20              | (0.10-0.42)                         |
| Region 1                               | *                   | (* - *)                               | 0.48                | (0.21 - 1.12)                         | 0.14              | (0.05 - 0.36)                       | 0.19              | (0.09-0.43)                         |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.21              | (0.08-0.51)                         |
| Region 3                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.20              | (0.09-0.46)                         |
| Region 4                               | *                   | (* - *)                               | *                   | (* - *)                               | 0.20              | (0.08 - 0.54)                       | 0.21              | (0.09-0.52)                         |
| Region 5                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 6                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.20              | (0.09-0.47)                         |
| Region 7                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.21              | (0.09-0.48)                         |
| <b>Missouri</b>                        | 0.08                | (0.04 - 0.14)                         | 0.68                | (0.38 - 1.22)                         | 0.28              | (0.14 - 0.54)                       | 0.34              | (0.18-0.62)                         |
| Central                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.32              | (0.16-0.67)                         |
| Eastern                                | *                   | (* - *)                               | 0.64                | (0.34 - 1.22)                         | 0.29              | (0.14 - 0.62)                       | 0.34              | (0.17-0.67)                         |
| Eastern (St. Louis City and<br>County) | *                   | (* - *)                               | *                   | (* - *)                               | 0.33              | (0.15 - 0.76)                       | 0.36              | (0.17-0.76)                         |
| Eastern (excluding St. Louis)          | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.31              | (0.15-0.64)                         |
| Northwest                              | *                   | (* - *)                               | 0.68                | (0.34 - 1.34)                         | 0.27              | (0.13 - 0.56)                       | 0.32              | (0.17-0.63)                         |
| Northwest (Jackson)                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.31              | (0.13 - 0.72)                       | 0.35              | (0.16-0.73)                         |
| Northwest (excluding Jackson)          | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.31              | (0.15-0.64)                         |
| Southeast                              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.38              | (0.18-0.78)                         |
| Southwest                              | *                   | (* - *)                               | 0.82                | (0.38 - 1.75)                         | *                 | (* - *)                             | 0.33              | (0.16-0.68)                         |
| <b>Montana</b>                         | 0.08                | (0.03 - 0.18)                         | 0.77                | (0.42 - 1.40)                         | 0.23              | (0.11 - 0.48)                       | 0.30              | (0.16-0.58)                         |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 2                               | *                   | (* - *)                               | 0.78                | (0.37 - 1.63)                         | 0.29              | (0.12 - 0.71)                       | 0.36              | (0.17-0.77)                         |
| Region 3                               | *                   | (* - *)                               | 0.77                | (0.37 - 1.61)                         | 0.19              | (0.08 - 0.46)                       | 0.27              | (0.13-0.56)                         |
| Region 4                               | *                   | (* - *)                               | 0.65                | (0.31 - 1.35)                         | 0.21              | (0.09 - 0.51)                       | 0.28              | (0.13-0.58)                         |
| Region 5                               | *                   | (* - *)                               | 0.83                | (0.41 - 1.69)                         | 0.23              | (0.10 - 0.53)                       | 0.31              | (0.15-0.63)                         |
| <b>Nebraska</b>                        | 0.08                | (0.04 - 0.19)                         | 0.53                | (0.27 - 1.05)                         | 0.19              | (0.08 - 0.42)                       | 0.24              | (0.12-0.48)                         |
| Regions 1 and 2                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 3                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.26              | (0.12-0.57)                         |
| Region 4                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.25              | (0.11-0.57)                         |
| Region 5                               | *                   | (* - *)                               | *                   | (* - *)                               | 0.19              | (0.08 - 0.48)                       | 0.24              | (0.11-0.53)                         |
| Region 6                               | *                   | (* - *)                               | 0.42                | (0.19 - 0.91)                         | 0.18              | (0.07 - 0.46)                       | 0.22              | (0.10-0.48)                         |

See notes at end of table.

(continued)



**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 0.08                | (0.04 - 0.17)                         | 0.73                | (0.38 - 1.38)                         | 0.27              | (0.12 - 0.57)                       | 0.33              | (0.17 - 0.64)                       |
| Clark – Region 1        | 0.07                | (0.03 - 0.16)                         | 0.62                | (0.30 - 1.27)                         | 0.23              | (0.10 - 0.53)                       | 0.28              | (0.14 - 0.59)                       |
| Region 3                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.42              | (0.20 - 0.87)                       |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Washoe – Region 2       | *                   | (* - *)                               | 0.97                | (0.44 - 2.12)                         | 0.37              | (0.15 - 0.88)                       | 0.45              | (0.21 - 0.97)                       |
| <b>New Hampshire</b>    | 0.12                | (0.06 - 0.26)                         | 1.58                | (1.00 - 2.50)                         | 0.56              | (0.33 - 0.97)                       | 0.70              | (0.44 - 1.12)                       |
| Central                 | *                   | (* - *)                               | 1.63                | (0.98 - 2.70)                         | 0.49              | (0.27 - 0.90)                       | 0.66              | (0.40 - 1.09)                       |
| Central 1               | *                   | (* - *)                               | 1.48                | (0.81 - 2.68)                         | 0.51              | (0.26 - 1.00)                       | 0.66              | (0.38 - 1.17)                       |
| Central 2               | *                   | (* - *)                               | 1.81                | (1.00 - 3.27)                         | 0.48              | (0.24 - 0.95)                       | 0.65              | (0.37 - 1.15)                       |
| Northern                | *                   | (* - *)                               | 1.78                | (0.94 - 3.36)                         | 0.49              | (0.24 - 1.02)                       | 0.67              | (0.37 - 1.23)                       |
| Southern                | 0.13                | (0.06 - 0.28)                         | 1.51                | (0.89 - 2.56)                         | 0.61              | (0.34 - 1.11)                       | 0.73              | (0.44 - 1.22)                       |
| Southern 1 (Rockingham) | *                   | (* - *)                               | 1.53                | (0.79 - 2.92)                         | 0.42              | (0.20 - 0.85)                       | 0.55              | (0.30 - 1.01)                       |
| Southern 2              | *                   | (* - *)                               | 1.50                | (0.82 - 2.72)                         | 0.74              | (0.38 - 1.43)                       | 0.84              | (0.48 - 1.49)                       |
| <b>New Jersey</b>       | 0.11                | (0.05 - 0.22)                         | 1.15                | (0.73 - 1.81)                         | 0.62              | (0.39 - 0.98)                       | 0.69              | (0.45 - 1.04)                       |
| Central                 | *                   | (* - *)                               | 1.32                | (0.71 - 2.43)                         | 0.50              | (0.26 - 0.96)                       | 0.61              | (0.34 - 1.06)                       |
| Metropolitan            | *                   | (* - *)                               | 0.80                | (0.41 - 1.52)                         | 0.72              | (0.38 - 1.34)                       | 0.73              | (0.41 - 1.29)                       |
| Northern                | 0.11                | (0.05 - 0.25)                         | 1.14                | (0.64 - 1.99)                         | 0.61              | (0.34 - 1.09)                       | 0.68              | (0.41 - 1.13)                       |
| Southern                | *                   | (* - *)                               | 1.44                | (0.81 - 2.54)                         | 0.63              | (0.35 - 1.14)                       | 0.74              | (0.44 - 1.24)                       |
| <b>New Mexico</b>       | 0.09                | (0.04 - 0.21)                         | 0.55                | (0.28 - 1.09)                         | 0.20              | (0.09 - 0.44)                       | 0.25              | (0.13 - 0.50)                       |
| Region 1                | *                   | (* - *)                               | *                   | (* - *)                               | 0.16              | (0.06 - 0.42)                       | 0.21              | (0.09 - 0.47)                       |
| Region 2                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.23              | (0.10 - 0.52)                       |
| Region 3 (Bernalillo)   | *                   | (* - *)                               | 0.59                | (0.27 - 1.30)                         | 0.23              | (0.10 - 0.54)                       | 0.28              | (0.13 - 0.59)                       |
| Region 4                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.29              | (0.13 - 0.64)                       |
| Region 5                | *                   | (* - *)                               | 0.58                | (0.28 - 1.21)                         | 0.19              | (0.08 - 0.45)                       | 0.25              | (0.12 - 0.53)                       |
| Region 5a               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.24              | (0.11 - 0.54)                       |
| Region 5b (Dona Ana)    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.26              | (0.12 - 0.59)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 0.10                | (0.05 - 0.17)                         | 0.71                | (0.48 - 1.05)                         | 0.47              | (0.32 - 0.70)                       | 0.51              | (0.35 - 0.72)                       |
| Region 1: Long Island                          | *                   | (* - *)                               | 0.82                | (0.46 - 1.43)                         | 0.30              | (0.16 - 0.56)                       | 0.37              | (0.22 - 0.62)                       |
| Region 2: New York City                        | 0.10                | (0.04 - 0.24)                         | 0.51                | (0.32 - 0.80)                         | 0.53              | (0.33 - 0.85)                       | 0.53              | (0.34 - 0.81)                       |
| Region 2A: Bronx                               | *                   | (* - *)                               | 0.29                | (0.14 - 0.59)                         | 0.62              | (0.30 - 1.31)                       | 0.57              | (0.28 - 1.13)                       |
| Region 2B: Kings                               | *                   | (* - *)                               | 0.42                | (0.23 - 0.79)                         | 0.65              | (0.35 - 1.19)                       | 0.61              | (0.35 - 1.08)                       |
| Region 2C: New York                            | *                   | (* - *)                               | 0.56                | (0.30 - 1.03)                         | 0.55              | (0.27 - 1.10)                       | 0.55              | (0.30 - 1.03)                       |
| Region 2D: Queens                              | *                   | (* - *)                               | 0.62                | (0.32 - 1.18)                         | 0.36              | (0.18 - 0.73)                       | 0.40              | (0.22 - 0.72)                       |
| Region 2E: Richmond                            | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.48              | (0.27 - 0.87)                       |
| Region 3: Mid-Hudson                           | *                   | (* - *)                               | 0.76                | (0.42 - 1.38)                         | 0.34              | (0.18 - 0.63)                       | 0.40              | (0.23 - 0.68)                       |
| Region 4: Capital Region                       | *                   | (* - *)                               | 0.90                | (0.49 - 1.65)                         | 0.48              | (0.26 - 0.88)                       | 0.54              | (0.32 - 0.92)                       |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 7: Tug Hill Seaway                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.54              | (0.31 - 0.96)                       |
| Region 8: Central                              | *                   | (* - *)                               | 1.03                | (0.54 - 1.93)                         | 0.61              | (0.33 - 1.14)                       | 0.68              | (0.39 - 1.17)                       |
| Region 9: Southern Tier                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.48              | (0.28 - 0.83)                       |
| Region 10: Finger Lakes                        | *                   | (* - *)                               | 0.83                | (0.45 - 1.54)                         | 0.45              | (0.24 - 0.84)                       | 0.51              | (0.30 - 0.88)                       |
| Region 11: Western                             | *                   | (* - *)                               | 0.89                | (0.49 - 1.61)                         | 0.58              | (0.32 - 1.05)                       | 0.63              | (0.37 - 1.05)                       |
| <b>North Carolina</b>                          | 0.08                | (0.04 - 0.16)                         | 0.75                | (0.46 - 1.24)                         | 0.29              | (0.16 - 0.51)                       | 0.35              | (0.21 - 0.59)                       |
| Alliance Behavioral<br>Healthcare 1            | *                   | (* - *)                               | *                   | (* - *)                               | 0.32              | (0.15 - 0.70)                       | 0.35              | (0.17 - 0.69)                       |
| Alliance Behavioral<br>Healthcare 2            | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.25              | (0.13 - 0.50)                       |
| Cardinal Innovations<br>Healthcare Solutions 1 | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.38              | (0.20 - 0.74)                       |
| Cardinal Innovations<br>Healthcare Solutions 2 | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.34              | (0.18 - 0.64)                       |
| Cardinal Innovations<br>Healthcare Solutions 3 | *                   | (* - *)                               | *                   | (* - *)                               | 0.26              | (0.12 - 0.55)                       | 0.28              | (0.14 - 0.56)                       |
| CenterPoint Human Services                     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.37              | (0.19 - 0.72)                       |
| Eastpointe                                     | *                   | (* - *)                               | *                   | (* - *)                               | 0.31              | (0.14 - 0.68)                       | 0.35              | (0.18 - 0.70)                       |
| Partners Behavioral Health<br>Management       | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.37              | (0.20 - 0.72)                       |
| Sandhills Center 1                             | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Sandhills Center 2                             | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.38              | (0.20 - 0.73)                       |
| Smoky Mountain Center 1                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.43              | (0.22 - 0.82)                       |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.41              | (0.21 - 0.79)                       |
| Trillium Health Resources 1                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.41              | (0.21 - 0.78)                       |
| Trillium Health Resources 2                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 0.09                | (0.04 - 0.22)                         | 0.49                | (0.24 - 0.99)                         | 0.19              | (0.08 - 0.42)                       | 0.24              | (0.12 - 0.49)                       |
| Badlands and West Central     | *                   | (* - *)                               | 0.60                | (0.28 - 1.32)                         | 0.17              | (0.07 - 0.41)                       | 0.23              | (0.11 - 0.50)                       |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| West Central                  | *                   | (* - *)                               | *                   | (* - *)                               | 0.16              | (0.06 - 0.42)                       | 0.23              | (0.10 - 0.51)                       |
| Lake Region                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| North Central                 | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.25              | (0.11 - 0.57)                       |
| Northeast                     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.27              | (0.12 - 0.61)                       |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| South Central                 | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Southeast                     | *                   | (* - *)                               | 0.37                | (0.16 - 0.83)                         | 0.22              | (0.09 - 0.54)                       | 0.25              | (0.11 - 0.55)                       |
| <b>Ohio</b>                   | 0.08                | (0.04 - 0.15)                         | 0.79                | (0.52 - 1.20)                         | 0.34              | (0.22 - 0.52)                       | 0.40              | (0.27 - 0.59)                       |
| Boards 2, 46, 55, and 68      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.41              | (0.23 - 0.73)                       |
| Boards 3, 52, and 85          | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Boards 4 and 78               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.40              | (0.22 - 0.70)                       |
| Boards 5 and 60               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.43              | (0.24 - 0.78)                       |
| Boards 7, 15, 41, 79, and 84  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.41              | (0.23 - 0.73)                       |
| Boards 8, 13, and 83          | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Board 9 (Butler)              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Board 12                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Boards 18 and 47              | *                   | (* - *)                               | 0.62                | (0.33 - 1.16)                         | 0.35              | (0.18 - 0.71)                       | 0.39              | (0.21 - 0.70)                       |
| Boards 20, 32, 54, and 69     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.44              | (0.25 - 0.78)                       |
| Boards 21, 39, 51, 70, and 80 | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.34              | (0.19 - 0.60)                       |
| Boards 22, 74, and 87         | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.38              | (0.22 - 0.67)                       |
| Boards 23 and 45              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.44              | (0.25 - 0.77)                       |
| Board 25 (Franklin)           | *                   | (* - *)                               | 0.39                | (0.20 - 0.76)                         | 0.31              | (0.16 - 0.60)                       | 0.32              | (0.18 - 0.58)                       |
| Boards 27, 71, and 73         | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.45              | (0.26 - 0.80)                       |
| Boards 28, 43, and 67         | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.36              | (0.20 - 0.65)                       |
| Board 31 (Hamilton)           | *                   | (* - *)                               | 0.81                | (0.43 - 1.52)                         | 0.42              | (0.22 - 0.82)                       | 0.48              | (0.27 - 0.85)                       |
| Board 48 (Lucas)              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.43              | (0.25 - 0.76)                       |
| Boards 50 and 76              | *                   | (* - *)                               | *                   | (* - *)                               | 0.38              | (0.20 - 0.73)                       | 0.45              | (0.26 - 0.78)                       |
| Board 57 (Montgomery)         | *                   | (* - *)                               | *                   | (* - *)                               | 0.38              | (0.19 - 0.76)                       | 0.43              | (0.24 - 0.78)                       |
| Board 77 (Summit)             | *                   | (* - *)                               | *                   | (* - *)                               | 0.38              | (0.19 - 0.75)                       | 0.43              | (0.24 - 0.78)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 0.06                | (0.03 - 0.13)                         | 0.55                | (0.29 - 1.03)                         | 0.21              | (0.10 - 0.43)                       | 0.26              | (0.14 - 0.49)                       |
| Central                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.20              | (0.09 - 0.43)                       |
| East Central                          | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.27              | (0.13 - 0.57)                       |
| Northeast                             | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.25              | (0.12 - 0.53)                       |
| Northwest and Southwest               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.29              | (0.14 - 0.62)                       |
| Oklahoma County                       | *                   | (* - *)                               | *                   | (* - *)                               | 0.23              | (0.10 - 0.55)                       | 0.25              | (0.12 - 0.56)                       |
| Southeast                             | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.27              | (0.13 - 0.58)                       |
| Tulsa County                          | *                   | (* - *)                               | *                   | (* - *)                               | 0.25              | (0.11 - 0.56)                       | 0.28              | (0.14 - 0.59)                       |
| <b>Oregon</b>                         | 0.08                | (0.04 - 0.17)                         | 0.94                | (0.55 - 1.61)                         | 0.39              | (0.22 - 0.71)                       | 0.47              | (0.27 - 0.79)                       |
| Region 1 (Multnomah)                  | *                   | (* - *)                               | *                   | (* - *)                               | 0.47              | (0.22 - 1.00)                       | 0.48              | (0.24 - 0.96)                       |
| Region 2                              | *                   | (* - *)                               | 0.85                | (0.43 - 1.68)                         | 0.34              | (0.16 - 0.72)                       | 0.41              | (0.21 - 0.78)                       |
| Region 3                              | *                   | (* - *)                               | 1.14                | (0.59 - 2.18)                         | 0.41              | (0.20 - 0.83)                       | 0.52              | (0.28 - 0.95)                       |
| Region 4                              | *                   | (* - *)                               | 1.02                | (0.51 - 2.04)                         | 0.34              | (0.16 - 0.74)                       | 0.42              | (0.21 - 0.83)                       |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 6 (Eastern)                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.53              | (0.27 - 1.04)                       |
| <b>Pennsylvania</b>                   | 0.11                | (0.06 - 0.21)                         | 1.16                | (0.81 - 1.64)                         | 0.58              | (0.40 - 0.83)                       | 0.66              | (0.48 - 0.91)                       |
| Region 1 (Allegheny)                  | *                   | (* - *)                               | 1.17                | (0.66 - 2.08)                         | 0.68              | (0.38 - 1.20)                       | 0.74              | (0.44 - 1.23)                       |
| Regions 3, 8, 9, and 51               | *                   | (* - *)                               | 1.41                | (0.80 - 2.49)                         | 0.56              | (0.30 - 1.03)                       | 0.67              | (0.40 - 1.14)                       |
| Regions 4, 11, 37, and 49             | *                   | (* - *)                               | 1.37                | (0.77 - 2.45)                         | 0.45              | (0.24 - 0.83)                       | 0.57              | (0.34 - 0.95)                       |
| Regions 5, 18, 23, 24, and 46         | *                   | (* - *)                               | 1.33                | (0.75 - 2.34)                         | 0.50              | (0.28 - 0.89)                       | 0.61              | (0.37 - 1.00)                       |
| Regions 6, 12, 16, 31, 35, 45, and 47 | *                   | (* - *)                               | 1.03                | (0.57 - 1.85)                         | 0.59              | (0.31 - 1.09)                       | 0.67              | (0.39 - 1.13)                       |
| Regions 7, 13, 20, and 33             | 0.12                | (0.05 - 0.26)                         | 1.00                | (0.57 - 1.74)                         | 0.38              | (0.21 - 0.67)                       | 0.46              | (0.28 - 0.75)                       |
| Regions 10, 15, 27, 32, 43, and 44    | *                   | (* - *)                               | *                   | (* - *)                               | 0.56              | (0.30 - 1.02)                       | 0.65              | (0.38 - 1.11)                       |
| Regions 17 and 21                     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.70              | (0.41 - 1.19)                       |
| Regions 19, 26, 28, and 42            | *                   | (* - *)                               | 1.63                | (0.96 - 2.75)                         | 0.60              | (0.35 - 1.05)                       | 0.74              | (0.46 - 1.19)                       |
| Regions 22, 38, 40, 41, and 48        | *                   | (* - *)                               | 1.45                | (0.83 - 2.53)                         | 0.53              | (0.29 - 0.95)                       | 0.63              | (0.38 - 1.05)                       |
| Regions 29 and 34                     | *                   | (* - *)                               | *                   | (* - *)                               | 0.50              | (0.27 - 0.93)                       | 0.62              | (0.36 - 1.06)                       |
| Regions 30 and 50                     | *                   | (* - *)                               | 1.40                | (0.78 - 2.52)                         | 0.56              | (0.31 - 1.03)                       | 0.67              | (0.40 - 1.12)                       |
| Region 36 (Philadelphia)              | *                   | (* - *)                               | 0.45                | (0.25 - 0.79)                         | 1.02              | (0.57 - 1.85)                       | 0.92              | (0.53 - 1.61)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 0.09                | (0.04 - 0.18)                         | 0.90                | (0.51 - 1.59)                         | 0.46              | (0.25 - 0.87)                       | 0.53              | (0.30 - 0.94)                       |
| Region 1: Southern Providence<br>County                   | *                   | (* - *)                               | *                   | (* - *)                               | 0.39              | (0.17 - 0.87)                       | 0.47              | (0.23 - 0.95)                       |
| Region 2: Northern Providence<br>County/Blackstone Valley | *                   | (* - *)                               | 0.86                | (0.42 - 1.75)                         | 0.48              | (0.22 - 1.03)                       | 0.53              | (0.27 - 1.05)                       |
| Region 3: Providence                                      | *                   | (* - *)                               | 0.76                | (0.37 - 1.57)                         | 0.69              | (0.31 - 1.53)                       | 0.71              | (0.35 - 1.41)                       |
| Region 4: Kent County                                     | *                   | (* - *)                               | 1.06                | (0.52 - 2.16)                         | 0.41              | (0.19 - 0.89)                       | 0.48              | (0.24 - 0.97)                       |
| Region 5: East Bay                                        | *                   | (* - *)                               | *                   | (* - *)                               | 0.45              | (0.21 - 0.99)                       | 0.55              | (0.28 - 1.09)                       |
| Region 6: Newport County                                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.46              | (0.23 - 0.96)                       |
| Region 7: South County                                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.41              | (0.18 - 0.91)                       | 0.48              | (0.24 - 0.97)                       |
| <b>South Carolina</b>                                     | 0.06                | (0.03 - 0.14)                         | 0.57                | (0.30 - 1.07)                         | 0.22              | (0.11 - 0.45)                       | 0.27              | (0.14 - 0.51)                       |
| Region 1                                                  | *                   | (* - *)                               | 0.67                | (0.32 - 1.40)                         | 0.22              | (0.10 - 0.50)                       | 0.29              | (0.14 - 0.58)                       |
| Region 2                                                  | *                   | (* - *)                               | 0.47                | (0.22 - 1.02)                         | 0.22              | (0.09 - 0.49)                       | 0.25              | (0.12 - 0.53)                       |
| Region 3                                                  | *                   | (* - *)                               | *                   | (* - *)                               | 0.23              | (0.10 - 0.53)                       | 0.27              | (0.12 - 0.57)                       |
| Region 4                                                  | *                   | (* - *)                               | 0.55                | (0.26 - 1.19)                         | 0.23              | (0.10 - 0.51)                       | 0.27              | (0.13 - 0.56)                       |
| <b>South Dakota</b>                                       | 0.08                | (0.04 - 0.19)                         | 0.62                | (0.33 - 1.19)                         | 0.21              | (0.10 - 0.44)                       | 0.27              | (0.14 - 0.52)                       |
| Region 1                                                  | *                   | (* - *)                               | 0.76                | (0.35 - 1.66)                         | 0.21              | (0.09 - 0.51)                       | 0.29              | (0.14 - 0.61)                       |
| Region 2                                                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 3                                                  | *                   | (* - *)                               | 0.64                | (0.29 - 1.40)                         | 0.20              | (0.08 - 0.49)                       | 0.27              | (0.13 - 0.58)                       |
| Region 4                                                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.28              | (0.13 - 0.61)                       |
| Region 5                                                  | *                   | (* - *)                               | 0.47                | (0.21 - 1.02)                         | 0.22              | (0.09 - 0.52)                       | 0.25              | (0.12 - 0.54)                       |
| <b>Tennessee</b>                                          | 0.08                | (0.04 - 0.16)                         | 0.61                | (0.33 - 1.12)                         | 0.23              | (0.11 - 0.48)                       | 0.29              | (0.15 - 0.54)                       |
| Region 1                                                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.30              | (0.14 - 0.64)                       |
| Region 2                                                  | *                   | (* - *)                               | 0.80                | (0.37 - 1.72)                         | 0.24              | (0.10 - 0.54)                       | 0.31              | (0.15 - 0.64)                       |
| Region 3                                                  | *                   | (* - *)                               | *                   | (* - *)                               | 0.22              | (0.09 - 0.52)                       | 0.29              | (0.14 - 0.61)                       |
| Region 4 (Davidson)                                       | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 5                                                  | *                   | (* - *)                               | 0.66                | (0.32 - 1.37)                         | 0.20              | (0.09 - 0.48)                       | 0.27              | (0.13 - 0.55)                       |
| Region 6                                                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.31              | (0.14 - 0.65)                       |
| Region 7 (Shelby)                                         | *                   | (* - *)                               | *                   | (* - *)                               | 0.28              | (0.11 - 0.70)                       | 0.28              | (0.12 - 0.65)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 0.07                | (0.03 - 0.13)                         | 0.50                | (0.32 - 0.78)                         | 0.15              | (0.09 - 0.28)                       | 0.21              | (0.13 - 0.34)                       |
| Region 1                                                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.29              | (0.15 - 0.55)                       |
| Region 2                                                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.32              | (0.17 - 0.60)                       |
| Region 3                                                    | 0.07                | (0.03 - 0.14)                         | 0.52                | (0.30 - 0.88)                         | 0.15              | (0.08 - 0.29)                       | 0.20              | (0.12 - 0.35)                       |
| Region 3a                                                   | *                   | (* - *)                               | 0.46                | (0.25 - 0.86)                         | 0.13              | (0.06 - 0.28)                       | 0.18              | (0.10 - 0.33)                       |
| Region 3bc                                                  | *                   | (* - *)                               | 0.62                | (0.33 - 1.15)                         | 0.18              | (0.09 - 0.38)                       | 0.25              | (0.13 - 0.45)                       |
| Region 4                                                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.20              | (0.09 - 0.44)                       | 0.27              | (0.14 - 0.52)                       |
| Region 5                                                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.28              | (0.14 - 0.54)                       |
| Region 6                                                    | 0.07                | (0.03 - 0.15)                         | 0.46                | (0.26 - 0.84)                         | 0.14              | (0.07 - 0.29)                       | 0.19              | (0.10 - 0.34)                       |
| Region 6a                                                   | *                   | (* - *)                               | 0.45                | (0.24 - 0.86)                         | 0.14              | (0.06 - 0.29)                       | 0.18              | (0.10 - 0.34)                       |
| Region 6bc                                                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 7                                                    | *                   | (* - *)                               | 0.47                | (0.27 - 0.83)                         | 0.16              | (0.08 - 0.32)                       | 0.21              | (0.12 - 0.38)                       |
| Region 7a                                                   | *                   | (* - *)                               | 0.43                | (0.22 - 0.84)                         | 0.13              | (0.06 - 0.30)                       | 0.18              | (0.09 - 0.35)                       |
| Region 7bcd                                                 | *                   | (* - *)                               | *                   | (* - *)                               | 0.22              | (0.10 - 0.46)                       | 0.28              | (0.15 - 0.52)                       |
| Region 8                                                    | *                   | (* - *)                               | 0.47                | (0.25 - 0.90)                         | 0.14              | (0.06 - 0.31)                       | 0.19              | (0.10 - 0.37)                       |
| Region 9                                                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 10                                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 11                                                   | *                   | (* - *)                               | 0.34                | (0.18 - 0.66)                         | 0.12              | (0.06 - 0.26)                       | 0.16              | (0.08 - 0.30)                       |
| Region 11abd                                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.18              | (0.09 - 0.35)                       |
| Region 11c (Hidalgo)                                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| <b>Utah</b>                                                 | 0.10                | (0.05 - 0.21)                         | 0.57                | (0.30 - 1.07)                         | 0.29              | (0.15 - 0.58)                       | 0.34              | (0.18 - 0.63)                       |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.33              | (0.15 - 0.71)                       |
| Central, Four Corners, San<br>Juan, and Southwest           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.42              | (0.21 - 0.84)                       |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Southwest                                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Davis County                                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Salt Lake County                                            | *                   | (* - *)                               | 0.58                | (0.27 - 1.22)                         | 0.30              | (0.14 - 0.65)                       | 0.34              | (0.17 - 0.70)                       |
| Utah County                                                 | *                   | (* - *)                               | 0.43                | (0.19 - 0.97)                         | 0.29              | (0.13 - 0.67)                       | 0.32              | (0.16 - 0.68)                       |
| Weber, Morgan                                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.35              | (0.16 - 0.75)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 0.13                | (0.06 - 0.29)                         | 1.70                | (1.03 - 2.80)                         | 0.61              | (0.36 - 1.04)                       | 0.78              | (0.49 - 1.23)                       |
| Champlain Valley                      | *                   | (* - *)                               | 1.25                | (0.67 - 2.32)                         | 0.57              | (0.30 - 1.09)                       | 0.69              | (0.40 - 1.20)                       |
| Rural Northeast                       | *                   | (* - *)                               | 2.26                | (1.18 - 4.29)                         | 0.66              | (0.33 - 1.30)                       | 0.88              | (0.49 - 1.57)                       |
| Rural Southeast                       | *                   | (* - *)                               | 1.77                | (0.92 - 3.37)                         | 0.61              | (0.31 - 1.20)                       | 0.75              | (0.42 - 1.34)                       |
| Rural Southwest                       | *                   | (* - *)                               | 2.25                | (1.14 - 4.40)                         | 0.65              | (0.32 - 1.34)                       | 0.88              | (0.48 - 1.61)                       |
| <b>Virginia</b>                       | 0.08                | (0.04 - 0.20)                         | 0.81                | (0.50 - 1.31)                         | 0.35              | (0.20 - 0.60)                       | 0.41              | (0.26 - 0.67)                       |
| Region 1                              | *                   | (* - *)                               | 1.03                | (0.54 - 1.95)                         | 0.32              | (0.16 - 0.65)                       | 0.43              | (0.24 - 0.78)                       |
| Region 2                              | *                   | (* - *)                               | 0.56                | (0.28 - 1.09)                         | 0.21              | (0.10 - 0.46)                       | 0.25              | (0.13 - 0.49)                       |
| Region 3                              | *                   | (* - *)                               | 1.12                | (0.61 - 2.04)                         | 0.46              | (0.24 - 0.89)                       | 0.56              | (0.32 - 0.98)                       |
| Region 4                              | *                   | (* - *)                               | 0.75                | (0.38 - 1.45)                         | 0.47              | (0.23 - 0.95)                       | 0.51              | (0.27 - 0.95)                       |
| Region 5                              | *                   | (* - *)                               | 0.72                | (0.38 - 1.37)                         | 0.37              | (0.19 - 0.75)                       | 0.43              | (0.24 - 0.78)                       |
| <b>Washington</b>                     | 0.09                | (0.05 - 0.17)                         | 0.84                | (0.47 - 1.47)                         | 0.43              | (0.23 - 0.80)                       | 0.48              | (0.27 - 0.86)                       |
| Region 1                              | *                   | (* - *)                               | 0.87                | (0.46 - 1.64)                         | 0.48              | (0.23 - 0.98)                       | 0.54              | (0.29 - 1.03)                       |
| Greater Columbia and North<br>Central | *                   | (* - *)                               | 0.71                | (0.34 - 1.47)                         | 0.48              | (0.22 - 1.07)                       | 0.52              | (0.26 - 1.06)                       |
| Spokane                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.57              | (0.29 - 1.15)                       |
| Region 2                              | *                   | (* - *)                               | 0.76                | (0.40 - 1.43)                         | 0.38              | (0.19 - 0.75)                       | 0.43              | (0.23 - 0.80)                       |
| King                                  | *                   | (* - *)                               | 0.58                | (0.29 - 1.19)                         | 0.37              | (0.17 - 0.78)                       | 0.40              | (0.20 - 0.78)                       |
| North Sound                           | *                   | (* - *)                               | 1.04                | (0.50 - 2.16)                         | 0.41              | (0.19 - 0.88)                       | 0.49              | (0.25 - 0.98)                       |
| Region 3                              | *                   | (* - *)                               | 0.92                | (0.50 - 1.68)                         | 0.45              | (0.23 - 0.90)                       | 0.52              | (0.28 - 0.97)                       |
| Pierce                                | *                   | (* - *)                               | 0.67                | (0.32 - 1.42)                         | 0.49              | (0.22 - 1.09)                       | 0.52              | (0.25 - 1.08)                       |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| SW WA and Great Rivers                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.55              | (0.27 - 1.12)                       |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 0.08                | (0.04 - 0.17)                         | 1.16                | (0.71 - 1.89)                         | 0.46              | (0.27 - 0.78)                       | 0.55              | (0.34 - 0.88)                       |
| Region I                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.54              | (0.29 - 1.01)                       |
| Region II                     | *                   | (* - *)                               | *                   | (* - *)                               | 0.40              | (0.20 - 0.81)                       | 0.51              | (0.27 - 0.93)                       |
| Region III                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.52              | (0.27 - 1.00)                       |
| Region IV                     | *                   | (* - *)                               | 0.94                | (0.48 - 1.80)                         | 0.43              | (0.21 - 0.85)                       | 0.51              | (0.28 - 0.93)                       |
| Region V                      | *                   | (* - *)                               | 1.34                | (0.71 - 2.52)                         | 0.56              | (0.29 - 1.09)                       | 0.65              | (0.36 - 1.18)                       |
| Region VI                     | *                   | (* - *)                               | 1.12                | (0.57 - 2.16)                         | 0.39              | (0.19 - 0.81)                       | 0.48              | (0.26 - 0.89)                       |
| <b>Wisconsin</b>              | 0.10                | (0.05 - 0.21)                         | 0.75                | (0.42 - 1.36)                         | 0.29              | (0.15 - 0.55)                       | 0.35              | (0.20 - 0.64)                       |
| Milwaukee                     | *                   | (* - *)                               | *                   | (* - *)                               | 0.43              | (0.19 - 0.97)                       | 0.42              | (0.20 - 0.90)                       |
| Northeastern                  | *                   | (* - *)                               | 0.87                | (0.42 - 1.80)                         | 0.27              | (0.12 - 0.60)                       | 0.35              | (0.17 - 0.70)                       |
| Northern                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.36              | (0.18 - 0.72)                       |
| Southeastern                  | *                   | (* - *)                               | 0.82                | (0.40 - 1.69)                         | 0.22              | (0.10 - 0.49)                       | 0.30              | (0.15 - 0.60)                       |
| Southern                      | *                   | (* - *)                               | 0.74                | (0.36 - 1.52)                         | 0.29              | (0.13 - 0.66)                       | 0.36              | (0.18 - 0.72)                       |
| Western                       | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.36              | (0.17 - 0.73)                       |
| <b>Wyoming</b>                | 0.08                | (0.03 - 0.18)                         | 0.59                | (0.29 - 1.17)                         | 0.19              | (0.09 - 0.43)                       | 0.25              | (0.12 - 0.50)                       |
| Judicial District 1 (Laramie) | *                   | (* - *)                               | *                   | (* - *)                               | 0.22              | (0.09 - 0.54)                       | 0.27              | (0.12 - 0.60)                       |
| Judicial District 2           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.22              | (0.10 - 0.51)                       |
| Judicial District 3           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.24              | (0.11 - 0.55)                       |
| Judicial District 4           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Judicial District 5           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Judicial District 6           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.26              | (0.11 - 0.59)                       |
| Judicial District 7 (Natrona) | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.26              | (0.12 - 0.58)                       |
| Judicial District 8           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Judicial District 9           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.



**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 10.12               | (9.76 - 10.48)                        | 58.36               | (57.70 - 59.02)                       | 55.56             | (55.11 - 56.01)                     | 55.96             | (55.56 - 56.37)                     |
| <b>Northeast</b>           | 11.77               | (11.06 - 12.51)                       | 63.74               | (62.54 - 64.93)                       | 60.31             | (59.38 - 61.23)                     | 60.79             | (59.95 - 61.62)                     |
| <b>Midwest</b>             | 10.24               | (9.69 - 10.82)                        | 62.11               | (61.10 - 63.11)                       | 58.77             | (57.93 - 59.61)                     | 59.25             | (58.49 - 60.01)                     |
| <b>South</b>               | 9.40                | (8.93 - 9.89)                         | 55.25               | (54.37 - 56.14)                       | 51.62             | (50.90 - 52.34)                     | 52.14             | (51.49 - 52.78)                     |
| <b>West</b>                | 10.00               | (9.38 - 10.66)                        | 55.91               | (54.80 - 57.02)                       | 55.30             | (54.43 - 56.17)                     | 55.39             | (54.61 - 56.17)                     |
| <b>Alabama</b>             | 8.74                | (7.22 - 10.55)                        | 51.56               | (48.31 - 54.80)                       | 44.49             | (41.69 - 47.33)                     | 45.50             | (43.00 - 48.03)                     |
| Region 1                   | 8.92                | (6.82 - 11.58)                        | 47.34               | (41.86 - 52.87)                       | 38.76             | (34.46 - 43.24)                     | 39.87             | (35.90 - 43.98)                     |
| Region 2                   | 9.00                | (6.91 - 11.63)                        | 56.95               | (51.52 - 62.23)                       | 49.64             | (45.23 - 54.07)                     | 50.71             | (46.71 - 54.70)                     |
| Region 3                   | 7.72                | (5.74 - 10.32)                        | 51.02               | (45.05 - 56.97)                       | 44.32             | (39.37 - 49.38)                     | 45.46             | (40.91 - 50.09)                     |
| Region 4                   | 8.94                | (6.82 - 11.64)                        | 48.76               | (42.84 - 54.72)                       | 44.58             | (39.79 - 49.47)                     | 45.14             | (40.67 - 49.68)                     |
| <b>Alaska</b>              | 10.32               | (8.55 - 12.42)                        | 59.86               | (56.42 - 63.20)                       | 58.00             | (55.36 - 60.60)                     | 58.29             | (55.92 - 60.63)                     |
| Anchorage                  | 9.94                | (7.79 - 12.61)                        | 60.13               | (55.33 - 64.75)                       | 59.93             | (56.28 - 63.48)                     | 59.97             | (56.67 - 63.17)                     |
| Northern                   | 9.47                | (7.15 - 12.45)                        | 56.13               | (49.88 - 62.20)                       | 54.48             | (49.72 - 59.15)                     | 54.78             | (50.38 - 59.10)                     |
| South Central              | 11.20               | (8.74 - 14.26)                        | 61.40               | (55.66 - 66.85)                       | 56.55             | (52.09 - 60.90)                     | 57.24             | (53.14 - 61.24)                     |
| Southeast                  | 11.54               | (8.57 - 15.36)                        | *                   | (* - *)                               | 61.20             | (55.20 - 66.88)                     | 61.73             | (56.05 - 67.11)                     |
| <b>Arizona</b>             | 9.35                | (7.71 - 11.29)                        | 56.28               | (52.88 - 59.61)                       | 56.19             | (53.40 - 58.94)                     | 56.20             | (53.67 - 58.70)                     |
| Central                    | 9.65                | (7.67 - 12.07)                        | 59.00               | (54.81 - 63.06)                       | 59.65             | (56.40 - 62.82)                     | 59.56             | (56.59 - 62.45)                     |
| North                      | 8.36                | (6.17 - 11.24)                        | *                   | (* - *)                               | 45.88             | (39.81 - 52.07)                     | 46.21             | (40.50 - 52.03)                     |
| South                      | 9.04                | (7.14 - 11.39)                        | 53.80               | (48.40 - 59.11)                       | 53.40             | (48.86 - 57.88)                     | 53.46             | (49.24 - 57.63)                     |
| South A                    | 9.34                | (7.09 - 12.21)                        | 56.19               | (49.34 - 62.81)                       | 55.37             | (49.98 - 60.63)                     | 55.49             | (50.46 - 60.40)                     |
| South B                    | 8.73                | (6.49 - 11.67)                        | *                   | (* - *)                               | 50.98             | (44.73 - 57.20)                     | 50.97             | (45.10 - 56.82)                     |
| <b>Arkansas</b>            | 9.55                | (8.01 - 11.35)                        | 51.71               | (48.17 - 55.23)                       | 43.10             | (40.27 - 45.99)                     | 44.34             | (41.77 - 46.93)                     |
| Catchment Area 1           | 9.47                | (7.19 - 12.39)                        | *                   | (* - *)                               | 49.22             | (43.69 - 54.77)                     | 50.25             | (45.10 - 55.39)                     |
| Catchment Area 2           | 9.95                | (7.49 - 13.10)                        | *                   | (* - *)                               | 38.50             | (33.03 - 44.29)                     | 39.39             | (34.19 - 44.83)                     |
| Catchment Area 3           | 8.18                | (6.11 - 10.87)                        | 45.15               | (38.69 - 51.78)                       | 34.62             | (29.77 - 39.81)                     | 36.16             | (31.59 - 40.99)                     |
| Catchment Area 4           | 9.50                | (7.16 - 12.50)                        | *                   | (* - *)                               | 37.36             | (31.96 - 43.09)                     | 38.61             | (33.47 - 44.01)                     |
| Catchment Area 5           | 10.12               | (7.73 - 13.13)                        | 55.57               | (49.29 - 61.68)                       | 43.66             | (38.29 - 49.19)                     | 45.59             | (40.65 - 50.61)                     |
| Catchment Area 6           | 8.64                | (6.48 - 11.42)                        | *                   | (* - *)                               | 36.60             | (31.04 - 42.53)                     | 38.04             | (32.79 - 43.59)                     |
| Catchment Area 7           | 8.68                | (6.46 - 11.57)                        | *                   | (* - *)                               | 35.67             | (29.76 - 42.05)                     | 37.07             | (31.35 - 43.16)                     |
| Catchment Area 8           | 10.64               | (8.08 - 13.88)                        | 59.43               | (52.75 - 65.77)                       | 53.99             | (48.69 - 59.20)                     | 54.70             | (49.72 - 59.58)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 10.13               | (9.11 - 11.25)                        | 55.64               | (53.94 - 57.33)                       | 54.21             | (52.88 - 55.53)                     | 54.43             | (53.25 - 55.59)                     |
| Region 1R                   | 12.92               | (9.99 - 16.55)                        | 63.73               | (57.34 - 69.67)                       | 58.23             | (52.62 - 63.62)                     | 59.01             | (53.82 - 64.01)                     |
| Region 2R                   | 11.90               | (9.34 - 15.05)                        | 63.27               | (57.19 - 68.95)                       | 61.32             | (56.42 - 66.00)                     | 61.61             | (57.04 - 65.99)                     |
| Region 3R (Sacramento)      | 9.76                | (7.52 - 12.57)                        | 56.30               | (50.37 - 62.05)                       | 52.37             | (47.77 - 56.92)                     | 52.94             | (48.65 - 57.20)                     |
| Region 4R                   | 11.34               | (8.89 - 14.36)                        | 60.86               | (54.41 - 66.96)                       | 61.03             | (56.32 - 65.54)                     | 61.01             | (56.54 - 65.30)                     |
| Region 5R (San Francisco)   | *                   | (* - *)                               | 73.42               | (67.25 - 78.79)                       | 65.32             | (59.74 - 70.51)                     | 66.12             | (60.77 - 71.08)                     |
| Region 6 (Santa Clara)      | 8.98                | (7.09 - 11.31)                        | 55.64               | (49.87 - 61.25)                       | 55.97             | (51.68 - 60.17)                     | 55.93             | (51.90 - 59.88)                     |
| Region 7R (Contra Costa)    | 11.21               | (8.70 - 14.32)                        | 62.07               | (55.65 - 68.09)                       | 61.36             | (56.70 - 65.83)                     | 61.46             | (57.01 - 65.72)                     |
| Region 8R (Alameda)         | 9.53                | (7.40 - 12.18)                        | 58.25               | (52.12 - 64.13)                       | 54.45             | (49.79 - 59.03)                     | 54.95             | (50.56 - 59.26)                     |
| Region 9R (San Mateo)       | 10.69               | (8.21 - 13.81)                        | *                   | (* - *)                               | 60.07             | (54.54 - 65.34)                     | 60.11             | (54.82 - 65.18)                     |
| Region 10                   | 10.45               | (8.11 - 13.37)                        | 59.85               | (53.39 - 65.98)                       | 57.56             | (52.29 - 62.67)                     | 57.94             | (53.04 - 62.70)                     |
| Region 11 (Los Angeles)     | 9.43                | (8.23 - 10.79)                        | 53.02               | (50.36 - 55.65)                       | 50.29             | (48.23 - 52.36)                     | 50.71             | (48.83 - 52.58)                     |
| LA SPA 1 and 5              | 10.68               | (8.33 - 13.59)                        | 61.72               | (55.88 - 67.24)                       | 59.24             | (53.98 - 64.29)                     | 59.61             | (54.71 - 64.33)                     |
| LA SPA 2                    | 10.20               | (8.12 - 12.73)                        | 55.95               | (50.59 - 61.17)                       | 54.78             | (50.66 - 58.85)                     | 54.95             | (51.14 - 58.70)                     |
| LA SPA 3                    | 8.52                | (6.53 - 11.04)                        | 51.40               | (45.37 - 57.39)                       | 45.69             | (40.97 - 50.50)                     | 46.54             | (42.14 - 50.98)                     |
| LA SPA 4                    | 9.10                | (6.92 - 11.88)                        | 57.22               | (50.53 - 63.67)                       | 51.18             | (45.66 - 56.67)                     | 51.99             | (46.72 - 57.21)                     |
| LA SPA 6                    | 8.55                | (6.58 - 11.04)                        | 42.48               | (36.24 - 48.97)                       | 38.57             | (33.67 - 43.72)                     | 39.35             | (34.78 - 44.12)                     |
| LA SPA 7                    | 8.98                | (6.95 - 11.53)                        | 46.86               | (40.46 - 53.36)                       | 44.26             | (39.24 - 49.39)                     | 44.69             | (39.99 - 49.49)                     |
| LA SPA 8                    | 9.99                | (7.84 - 12.63)                        | 56.09               | (50.16 - 61.86)                       | 53.52             | (48.97 - 58.01)                     | 53.89             | (49.64 - 58.08)                     |
| Region 12R                  | 10.40               | (7.99 - 13.44)                        | *                   | (* - *)                               | 49.29             | (43.58 - 55.03)                     | 49.83             | (44.45 - 55.22)                     |
| Regions 13 and 19R          | 10.12               | (8.04 - 12.65)                        | 49.31               | (44.32 - 54.32)                       | 51.08             | (47.05 - 55.11)                     | 50.79             | (47.11 - 54.46)                     |
| Region 14 (Orange)          | 10.55               | (8.47 - 13.06)                        | 59.14               | (53.95 - 64.14)                       | 58.81             | (54.81 - 62.69)                     | 58.85             | (55.15 - 62.46)                     |
| Region 15R (Fresno)         | 10.39               | (7.98 - 13.42)                        | 53.11               | (46.43 - 59.68)                       | 47.81             | (42.61 - 53.05)                     | 48.75             | (43.80 - 53.72)                     |
| Region 16R (San Diego)      | 10.79               | (8.71 - 13.31)                        | 60.82               | (56.00 - 65.44)                       | 60.47             | (56.92 - 63.90)                     | 60.52             | (57.27 - 63.68)                     |
| Region 17R                  | 9.50                | (7.44 - 12.05)                        | 47.09               | (41.51 - 52.74)                       | 45.02             | (40.70 - 49.41)                     | 45.38             | (41.41 - 49.42)                     |
| Region 18R (San Bernardino) | 9.37                | (7.45 - 11.73)                        | 47.82               | (42.40 - 53.29)                       | 46.83             | (42.55 - 51.15)                     | 47.00             | (43.09 - 50.95)                     |
| Region 20R                  | 9.86                | (7.60 - 12.68)                        | 47.31               | (40.60 - 54.12)                       | 46.90             | (41.62 - 52.25)                     | 46.97             | (42.00 - 52.00)                     |
| Region 21R                  | 12.13               | (9.27 - 15.71)                        | *                   | (* - *)                               | 58.93             | (53.66 - 64.01)                     | 59.66             | (54.65 - 64.47)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 11.86               | (10.03 - 13.98)                       | 64.42               | (61.31 - 67.41)                       | 62.60             | (59.86 - 65.26)                     | 62.86             | (60.43 - 65.24)                     |
| Region 1                                  | 13.18               | (10.15 - 16.94)                       | 71.29               | (65.41 - 76.52)                       | 65.38             | (60.35 - 70.10)                     | 66.24             | (61.61 - 70.57)                     |
| Region 2                                  | 10.99               | (8.15 - 14.67)                        | *                   | (* - *)                               | 57.26             | (50.76 - 63.51)                     | 57.80             | (51.73 - 63.65)                     |
| Region 3                                  | 12.71               | (10.04 - 15.97)                       | 63.44               | (57.67 - 68.85)                       | 64.83             | (60.45 - 68.97)                     | 64.63             | (60.61 - 68.46)                     |
| Region 4                                  | 10.53               | (7.70 - 14.25)                        | *                   | (* - *)                               | 48.66             | (42.24 - 55.12)                     | 49.02             | (42.90 - 55.17)                     |
| Region 5                                  | 9.55                | (7.17 - 12.61)                        | 62.22               | (55.73 - 68.29)                       | 62.69             | (57.19 - 67.89)                     | 62.63             | (57.48 - 67.50)                     |
| Region 6                                  | 12.12               | (9.28 - 15.66)                        | 70.81               | (64.97 - 76.04)                       | 67.71             | (62.89 - 72.18)                     | 68.15             | (63.71 - 72.29)                     |
| Region 7                                  | 11.19               | (8.50 - 14.59)                        | *                   | (* - *)                               | 58.25             | (52.67 - 63.62)                     | 58.63             | (53.47 - 63.60)                     |
| <b>Connecticut</b>                        | 11.49               | (9.61 - 13.68)                        | 66.34               | (62.82 - 69.69)                       | 64.54             | (61.63 - 67.35)                     | 64.79             | (62.19 - 67.31)                     |
| Eastern                                   | 11.39               | (8.58 - 14.98)                        | *                   | (* - *)                               | 61.63             | (55.74 - 67.19)                     | 62.41             | (57.00 - 67.52)                     |
| North Central                             | 10.90               | (8.39 - 14.04)                        | 65.61               | (59.68 - 71.08)                       | 66.00             | (61.56 - 70.18)                     | 65.95             | (61.85 - 69.83)                     |
| Northwestern                              | 11.84               | (9.06 - 15.33)                        | 64.29               | (57.73 - 70.36)                       | 62.08             | (56.63 - 67.25)                     | 62.36             | (57.31 - 67.16)                     |
| South Central                             | 11.39               | (8.78 - 14.65)                        | 68.29               | (62.35 - 73.69)                       | 64.86             | (59.88 - 69.53)                     | 65.34             | (60.79 - 69.64)                     |
| Southwest                                 | 12.10               | (9.16 - 15.81)                        | 66.85               | (60.62 - 72.54)                       | 66.03             | (60.55 - 71.11)                     | 66.14             | (61.06 - 70.87)                     |
| <b>Delaware</b>                           | 9.65                | (8.01 - 11.59)                        | 59.11               | (55.81 - 62.32)                       | 57.88             | (54.99 - 60.72)                     | 58.05             | (55.45 - 60.60)                     |
| Kent                                      | 9.84                | (7.51 - 12.80)                        | 56.51               | (50.08 - 62.73)                       | 54.31             | (49.10 - 59.42)                     | 54.64             | (49.84 - 59.36)                     |
| New Castle (excluding<br>Wilmington City) | 9.69                | (7.66 - 12.20)                        | 63.04               | (58.85 - 67.04)                       | 61.09             | (57.43 - 64.63)                     | 61.37             | (58.09 - 64.56)                     |
| Sussex                                    | 10.01               | (7.61 - 13.07)                        | 52.78               | (45.97 - 59.48)                       | 54.67             | (49.60 - 59.64)                     | 54.48             | (49.68 - 59.20)                     |
| Wilmington City                           | 8.05                | (5.87 - 10.95)                        | *                   | (* - *)                               | 55.05             | (48.34 - 61.58)                     | 54.68             | (48.32 - 60.90)                     |
| <b>District of Columbia</b>               | 10.77               | (8.88 - 13.00)                        | 73.00               | (69.88 - 75.90)                       | 71.68             | (69.10 - 74.13)                     | 71.91             | (69.64 - 74.06)                     |
| Ward 1                                    | *                   | (* - *)                               | 82.13               | (76.89 - 86.39)                       | 78.89             | (73.99 - 83.08)                     | 79.48             | (75.02 - 83.32)                     |
| Ward 2                                    | *                   | (* - *)                               | 82.03               | (77.04 - 86.13)                       | 83.09             | (78.88 - 86.61)                     | 82.82             | (79.01 - 86.06)                     |
| Ward 3                                    | 14.86               | (11.12 - 19.59)                       | 84.58               | (79.50 - 88.58)                       | 83.35             | (78.98 - 86.97)                     | 83.56             | (79.48 - 86.95)                     |
| Ward 4                                    | 11.99               | (8.98 - 15.83)                        | *                   | (* - *)                               | 68.74             | (63.27 - 73.73)                     | 68.82             | (63.55 - 73.64)                     |
| Ward 5                                    | 9.56                | (6.99 - 12.94)                        | *                   | (* - *)                               | 64.16             | (58.58 - 69.37)                     | 64.95             | (59.78 - 69.78)                     |
| Ward 6                                    | 11.30               | (8.46 - 14.95)                        | 83.69               | (79.44 - 87.20)                       | 79.61             | (75.46 - 83.22)                     | 80.12             | (76.29 - 83.46)                     |
| Ward 7                                    | 8.28                | (6.08 - 11.19)                        | *                   | (* - *)                               | 52.73             | (46.57 - 58.81)                     | 52.33             | (46.67 - 57.94)                     |
| Ward 8                                    | 9.87                | (7.38 - 13.09)                        | *                   | (* - *)                               | 58.14             | (52.46 - 63.61)                     | 57.39             | (52.16 - 62.47)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 9.83                | (8.77 - 11.01)                        | 57.54               | (55.54 - 59.51)                       | 57.69             | (56.07 - 59.30)                     | 57.67             | (56.22 - 59.11)                     |
| Broward (Circuit 17)                                                    | 9.51                | (7.52 - 11.97)                        | 58.66               | (53.36 - 63.77)                       | 58.59             | (54.04 - 62.99)                     | 58.60             | (54.39 - 62.68)                     |
| Central I                                                               | 9.82                | (8.25 - 11.65)                        | 60.37               | (56.56 - 64.06)                       | 57.83             | (54.56 - 61.04)                     | 58.19             | (55.21 - 61.12)                     |
| Circuit 9                                                               | 9.05                | (7.25 - 11.25)                        | 59.15               | (54.54 - 63.60)                       | 54.22             | (50.04 - 58.35)                     | 55.00             | (51.22 - 58.72)                     |
| Circuit 18                                                              | 11.07               | (8.73 - 13.93)                        | 62.71               | (56.58 - 68.45)                       | 62.88             | (58.00 - 67.51)                     | 62.86             | (58.30 - 67.20)                     |
| Central II                                                              | 9.73                | (8.40 - 11.25)                        | 57.25               | (54.11 - 60.34)                       | 59.18             | (56.77 - 61.55)                     | 58.97             | (56.73 - 61.17)                     |
| Circuit 6                                                               | 10.35               | (8.13 - 13.07)                        | 60.57               | (54.78 - 66.07)                       | 63.38             | (58.83 - 67.70)                     | 63.10             | (58.80 - 67.20)                     |
| Circuit 10                                                              | 9.28                | (7.22 - 11.86)                        | 50.77               | (44.65 - 56.88)                       | 50.58             | (45.65 - 55.50)                     | 50.60             | (46.00 - 55.19)                     |
| Circuit 12                                                              | 10.36               | (8.03 - 13.27)                        | 60.62               | (53.79 - 67.06)                       | 63.23             | (57.96 - 68.21)                     | 62.99             | (57.94 - 67.77)                     |
| Circuit 13 (Hillsborough)                                               | 9.48                | (7.50 - 11.91)                        | 59.04               | (53.52 - 64.35)                       | 58.41             | (54.22 - 62.47)                     | 58.50             | (54.61 - 62.27)                     |
| Circuit 20                                                              | 9.28                | (7.14 - 11.98)                        | *                   | (* - *)                               | 57.37             | (52.30 - 62.28)                     | 56.99             | (52.12 - 61.72)                     |
| Northeast                                                               | 10.08               | (8.59 - 11.81)                        | 56.57               | (53.06 - 60.02)                       | 56.76             | (53.95 - 59.52)                     | 56.73             | (54.15 - 59.27)                     |
| Circuit 4                                                               | 9.12                | (7.10 - 11.65)                        | 57.99               | (52.01 - 63.74)                       | 58.37             | (53.50 - 63.07)                     | 58.32             | (53.82 - 62.68)                     |
| Circuit 5                                                               | 10.66               | (8.30 - 13.60)                        | 52.38               | (45.85 - 58.83)                       | 56.05             | (51.04 - 60.94)                     | 55.71             | (50.94 - 60.38)                     |
| Circuit 7                                                               | 10.87               | (8.44 - 13.89)                        | 57.52               | (51.12 - 63.67)                       | 58.94             | (53.63 - 64.05)                     | 58.78             | (53.77 - 63.61)                     |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | 10.03               | (7.66 - 13.02)                        | *                   | (* - *)                               | 50.82             | (45.17 - 56.45)                     | 52.16             | (46.83 - 57.44)                     |
| Northwest                                                               | 10.72               | (8.90 - 12.86)                        | 64.18               | (60.34 - 67.85)                       | 57.60             | (54.01 - 61.10)                     | 58.65             | (55.42 - 61.82)                     |
| Circuit 1                                                               | 10.10               | (7.81 - 12.97)                        | 61.98               | (56.25 - 67.39)                       | 56.12             | (50.79 - 61.31)                     | 56.95             | (52.07 - 61.70)                     |
| Circuit 2 plus Madison and<br>Taylor                                    | 12.09               | (9.15 - 15.80)                        | 70.23               | (64.38 - 75.49)                       | 63.99             | (58.37 - 69.25)                     | 65.32             | (60.26 - 70.05)                     |
| Circuit 14                                                              | *                   | (* - *)                               | *                   | (* - *)                               | 52.45             | (45.88 - 58.94)                     | 52.74             | (46.50 - 58.89)                     |
| South (Circuits 11 and 16)                                              | 9.37                | (7.53 - 11.61)                        | 52.66               | (47.93 - 57.33)                       | 52.95             | (49.34 - 56.54)                     | 52.92             | (49.59 - 56.21)                     |
| Southeast                                                               | 9.94                | (8.20 - 12.01)                        | 55.40               | (50.72 - 59.98)                       | 60.64             | (56.80 - 64.35)                     | 60.07             | (56.45 - 63.57)                     |
| Circuit 15 (Palm Beach)                                                 | 9.52                | (7.48 - 12.04)                        | 55.15               | (49.33 - 60.84)                       | 61.43             | (56.62 - 66.02)                     | 60.74             | (56.23 - 65.07)                     |
| Circuit 19                                                              | 10.86               | (8.44 - 13.87)                        | *                   | (* - *)                               | 58.91             | (53.31 - 64.29)                     | 58.60             | (53.25 - 63.74)                     |
| <b>Georgia</b>                                                          | 7.88                | (6.60 - 9.38)                         | 54.44               | (51.63 - 57.21)                       | 51.39             | (49.04 - 53.74)                     | 51.84             | (49.74 - 53.94)                     |
| Region 1                                                                | 7.88                | (6.12 - 10.09)                        | 52.04               | (46.99 - 57.05)                       | 51.83             | (48.02 - 55.61)                     | 51.85             | (48.36 - 55.33)                     |
| Region 2                                                                | 8.20                | (6.22 - 10.74)                        | 56.81               | (51.12 - 62.33)                       | 50.08             | (45.33 - 54.84)                     | 51.20             | (46.85 - 55.52)                     |
| Region 3                                                                | 7.57                | (5.89 - 9.68)                         | 57.24               | (52.56 - 61.79)                       | 56.30             | (52.34 - 60.19)                     | 56.44             | (52.83 - 59.97)                     |
| Region 4                                                                | 8.77                | (6.45 - 11.83)                        | *                   | (* - *)                               | 45.40             | (39.64 - 51.29)                     | 46.35             | (40.88 - 51.91)                     |
| Region 5                                                                | 7.84                | (5.92 - 10.31)                        | 53.28               | (46.95 - 59.51)                       | 45.37             | (40.13 - 50.71)                     | 46.68             | (41.82 - 51.60)                     |
| Region 6                                                                | 7.90                | (6.00 - 10.34)                        | 52.84               | (46.66 - 58.92)                       | 48.62             | (43.81 - 53.45)                     | 49.25             | (44.77 - 53.74)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 9.67                | (7.93 - 11.73)                        | 54.76               | (51.25 - 58.23)                       | 47.51             | (44.72 - 50.32)                     | 48.46             | (45.95 - 50.97)                     |
| Hawaii Island                   | 10.22               | (7.60 - 13.61)                        | *                   | (* - *)                               | 45.97             | (40.58 - 51.46)                     | 46.36             | (41.29 - 51.51)                     |
| Honolulu                        | 9.44                | (7.52 - 11.77)                        | 56.17               | (52.06 - 60.20)                       | 47.50             | (44.26 - 50.76)                     | 48.67             | (45.75 - 51.59)                     |
| Kauai                           | 10.56               | (7.70 - 14.31)                        | *                   | (* - *)                               | 51.45             | (45.04 - 57.82)                     | 51.98             | (45.88 - 58.03)                     |
| Maui                            | 9.96                | (7.39 - 13.30)                        | *                   | (* - *)                               | 47.71             | (41.90 - 53.58)                     | 48.09             | (42.56 - 53.66)                     |
| <b>Idaho</b>                    | 9.54                | (7.88 - 11.51)                        | 48.44               | (45.23 - 51.67)                       | 48.99             | (46.17 - 51.82)                     | 48.91             | (46.41 - 51.42)                     |
| Region 1                        | 10.70               | (8.03 - 14.12)                        | *                   | (* - *)                               | 51.90             | (45.78 - 57.97)                     | 51.91             | (46.13 - 57.63)                     |
| Region 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 51.13             | (44.39 - 57.83)                     | 52.25             | (46.01 - 58.42)                     |
| Region 3                        | 9.34                | (7.12 - 12.16)                        | 44.96               | (38.87 - 51.21)                       | 44.18             | (39.12 - 49.37)                     | 44.30             | (39.64 - 49.05)                     |
| Region 4                        | 11.21               | (8.53 - 14.60)                        | 59.26               | (53.81 - 64.49)                       | 59.40             | (55.16 - 63.50)                     | 59.38             | (55.48 - 63.17)                     |
| Region 5                        | 9.55                | (7.20 - 12.58)                        | *                   | (* - *)                               | 45.70             | (40.30 - 51.21)                     | 45.88             | (40.85 - 51.00)                     |
| Region 6                        | 8.32                | (6.05 - 11.33)                        | *                   | (* - *)                               | 45.73             | (39.13 - 52.48)                     | 46.04             | (39.78 - 52.43)                     |
| Region 7                        | 6.62                | (4.76 - 9.14)                         | 31.65               | (25.78 - 38.17)                       | 33.38             | (28.32 - 38.86)                     | 33.06             | (28.48 - 37.99)                     |
| <b>Illinois</b>                 | 9.72                | (8.54 - 11.05)                        | 60.19               | (57.86 - 62.47)                       | 58.86             | (57.05 - 60.65)                     | 59.05             | (57.43 - 60.64)                     |
| Region 1 (Cook)                 | 8.96                | (7.59 - 10.55)                        | 59.36               | (56.25 - 62.40)                       | 58.25             | (55.73 - 60.74)                     | 58.41             | (56.10 - 60.68)                     |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 61.35             | (55.35 - 67.03)                     | 61.89             | (56.12 - 67.34)                     |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 51.36             | (44.58 - 58.09)                     | 51.76             | (45.30 - 58.17)                     |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | *                   | (* - *)                               | 71.93             | (66.55 - 76.75)                     | 72.67             | (67.58 - 77.23)                     |
| Region 1.4 (West Side)          | 7.81                | (5.82 - 10.41)                        | *                   | (* - *)                               | 53.89             | (47.95 - 59.73)                     | 53.77             | (48.15 - 59.30)                     |
| Region 1.5 (South Side)         | 7.98                | (5.99 - 10.56)                        | *                   | (* - *)                               | 53.28             | (46.97 - 59.49)                     | 53.51             | (47.60 - 59.33)                     |
| Region 1.6 (Southwest Side)     | 7.92                | (5.95 - 10.47)                        | *                   | (* - *)                               | 45.38             | (39.42 - 51.47)                     | 45.97             | (40.39 - 51.65)                     |
| Region 1.7 (Suburban Cook)      | 9.63                | (7.73 - 11.94)                        | 59.63               | (54.81 - 64.27)                       | 59.43             | (55.87 - 62.88)                     | 59.45             | (56.17 - 62.65)                     |
| Region 2                        | 10.13               | (8.62 - 11.87)                        | 59.24               | (55.72 - 62.66)                       | 63.12             | (60.57 - 65.59)                     | 62.56             | (60.23 - 64.84)                     |
| Region 2a (DuPage)              | 10.46               | (8.15 - 13.33)                        | 61.68               | (55.29 - 67.69)                       | 67.93             | (63.21 - 72.31)                     | 67.10             | (62.70 - 71.21)                     |
| Region 2b                       | 10.06               | (8.17 - 12.34)                        | 56.50               | (51.67 - 61.21)                       | 63.44             | (59.94 - 66.80)                     | 62.43             | (59.21 - 65.54)                     |
| Region 2c (Winnebago)           | 9.82                | (7.37 - 12.97)                        | *                   | (* - *)                               | 53.09             | (46.83 - 59.26)                     | 53.83             | (47.83 - 59.72)                     |
| Region 2d                       | 10.05               | (7.72 - 12.97)                        | 64.97               | (58.54 - 70.90)                       | 59.56             | (54.03 - 64.86)                     | 60.38             | (55.21 - 65.33)                     |
| Region 3                        | 10.42               | (8.38 - 12.89)                        | 64.58               | (60.15 - 68.78)                       | 57.24             | (53.43 - 60.98)                     | 58.46             | (55.01 - 61.82)                     |
| Region 3a (Champaign)           | *                   | (* - *)                               | *                   | (* - *)                               | 61.28             | (54.71 - 67.46)                     | 63.60             | (57.77 - 69.06)                     |
| Region 3b                       | 10.52               | (8.31 - 13.22)                        | 62.96               | (57.81 - 67.84)                       | 56.67             | (52.49 - 60.76)                     | 57.58             | (53.74 - 61.33)                     |
| Region 4                        | 10.71               | (8.62 - 13.23)                        | 59.46               | (53.70 - 64.98)                       | 54.97             | (50.65 - 59.21)                     | 55.58             | (51.54 - 59.54)                     |
| Region 4a (Sangamon)            | *                   | (* - *)                               | *                   | (* - *)                               | 59.04             | (52.30 - 65.45)                     | 59.30             | (52.88 - 65.43)                     |
| Region 4b                       | 10.89               | (8.51 - 13.83)                        | 59.03               | (52.20 - 65.53)                       | 53.79             | (48.73 - 58.78)                     | 54.52             | (49.76 - 59.19)                     |
| Region 5                        | 9.84                | (8.00 - 12.05)                        | 61.26               | (56.42 - 65.88)                       | 52.29             | (48.40 - 56.16)                     | 53.52             | (49.89 - 57.11)                     |
| Region 5a                       | 8.96                | (6.81 - 11.70)                        | *                   | (* - *)                               | 55.50             | (49.74 - 61.13)                     | 56.02             | (50.55 - 61.35)                     |
| Region 5b                       | 10.62               | (8.23 - 13.60)                        | 62.76               | (56.69 - 68.45)                       | 49.73             | (44.75 - 54.72)                     | 51.53             | (46.90 - 56.13)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 9.70                | (8.15 - 11.52)                        | 59.83               | (56.61 - 62.97)                       | 53.45             | (50.48 - 56.40)                     | 54.41             | (51.77 - 57.03)                     |
| Central                                     | 9.22                | (7.16 - 11.78)                        | 58.84               | (53.51 - 63.98)                       | 57.72             | (53.31 - 62.01)                     | 57.88             | (53.83 - 61.83)                     |
| East                                        | 9.30                | (6.87 - 12.47)                        | *                   | (* - *)                               | 44.98             | (38.77 - 51.35)                     | 47.30             | (41.47 - 53.21)                     |
| North Central                               | 10.08               | (7.72 - 13.04)                        | *                   | (* - *)                               | 51.86             | (46.12 - 57.56)                     | 52.66             | (47.32 - 57.95)                     |
| Northeast                                   | 10.93               | (8.13 - 14.53)                        | *                   | (* - *)                               | 56.22             | (50.03 - 62.22)                     | 57.19             | (51.44 - 62.76)                     |
| Northwest                                   | 9.29                | (6.93 - 12.36)                        | *                   | (* - *)                               | 55.51             | (49.21 - 61.64)                     | 55.80             | (49.95 - 61.49)                     |
| Southeast                                   | 9.93                | (7.53 - 12.99)                        | *                   | (* - *)                               | 49.65             | (43.48 - 55.83)                     | 50.36             | (44.55 - 56.17)                     |
| Southwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | 52.73             | (46.08 - 59.28)                     | 53.73             | (47.47 - 59.87)                     |
| West                                        | 9.41                | (6.95 - 12.62)                        | *                   | (* - *)                               | 51.23             | (44.94 - 57.47)                     | 54.36             | (48.68 - 59.92)                     |
| <b>Iowa</b>                                 | 10.51               | (8.79 - 12.52)                        | 66.73               | (63.55 - 69.76)                       | 61.45             | (58.66 - 64.18)                     | 62.26             | (59.76 - 64.69)                     |
| Central                                     | 9.77                | (7.38 - 12.83)                        | 62.75               | (56.58 - 68.53)                       | 63.46             | (58.34 - 68.29)                     | 63.36             | (58.61 - 67.86)                     |
| North Central                               | 10.17               | (7.61 - 13.47)                        | 70.86               | (64.43 - 76.55)                       | 58.74             | (52.70 - 64.53)                     | 61.06             | (55.54 - 66.30)                     |
| Northeast                                   | 10.98               | (8.45 - 14.17)                        | 68.26               | (62.90 - 73.18)                       | 63.46             | (59.05 - 67.66)                     | 64.19             | (60.18 - 68.01)                     |
| Northwest                                   | 12.10               | (9.21 - 15.74)                        | 69.75               | (63.33 - 75.48)                       | 63.04             | (57.58 - 68.18)                     | 63.97             | (58.91 - 68.73)                     |
| Southeast                                   | 9.35                | (7.14 - 12.17)                        | 64.20               | (58.39 - 69.62)                       | 57.38             | (52.47 - 62.15)                     | 58.47             | (53.99 - 62.82)                     |
| Southwest                                   | 11.01               | (8.22 - 14.59)                        | *                   | (* - *)                               | 61.95             | (55.65 - 67.86)                     | 62.36             | (56.39 - 67.98)                     |
| <b>Kansas</b>                               | 11.04               | (9.26 - 13.13)                        | 59.59               | (56.15 - 62.93)                       | 59.50             | (56.61 - 62.33)                     | 59.52             | (56.96 - 62.02)                     |
| Northeast                                   | 10.77               | (8.56 - 13.47)                        | 61.77               | (57.21 - 66.13)                       | 63.18             | (59.38 - 66.82)                     | 62.95             | (59.60 - 66.18)                     |
| Northwest and North Central                 | 11.71               | (8.65 - 15.67)                        | *                   | (* - *)                               | *                 | (* - *)                             | 56.62             | (50.02 - 62.99)                     |
| South Central                               | 11.41               | (8.98 - 14.40)                        | 56.22               | (50.64 - 61.65)                       | 57.72             | (53.38 - 61.93)                     | 57.50             | (53.54 - 61.36)                     |
| Southeast                                   | 11.80               | (8.77 - 15.68)                        | *                   | (* - *)                               | 53.44             | (46.72 - 60.03)                     | 54.56             | (48.26 - 60.71)                     |
| Southwest                                   | 9.93                | (7.40 - 13.21)                        | *                   | (* - *)                               | *                 | (* - *)                             | 50.08             | (43.62 - 56.54)                     |
| <b>Kentucky</b>                             | 8.86                | (7.36 - 10.63)                        | 52.40               | (48.98 - 55.80)                       | 44.00             | (41.21 - 46.83)                     | 45.19             | (42.67 - 47.74)                     |
| Adanta, Cumberland River,<br>and Lifeskills | 7.75                | (5.78 - 10.32)                        | *                   | (* - *)                               | 31.49             | (26.96 - 36.39)                     | 33.13             | (28.83 - 37.73)                     |
| Bluegrass, Comprehend, and<br>North Key     | 9.35                | (7.21 - 12.05)                        | 59.96               | (54.53 - 65.17)                       | 51.18             | (46.77 - 55.57)                     | 52.49             | (48.48 - 56.48)                     |
| Centerstone                                 | 9.53                | (7.32 - 12.33)                        | 55.96               | (49.53 - 62.20)                       | 52.99             | (48.11 - 57.81)                     | 53.39             | (48.83 - 57.89)                     |
| Communicare and River Valley                | 8.92                | (6.69 - 11.79)                        | *                   | (* - *)                               | 43.88             | (37.73 - 50.23)                     | 44.91             | (39.06 - 50.90)                     |
| Four Rivers and Pennyroyal                  | 8.16                | (6.00 - 11.00)                        | *                   | (* - *)                               | 38.02             | (32.18 - 44.23)                     | 39.33             | (33.79 - 45.16)                     |
| Kentucky River, Mountain,<br>and Pathways   | 8.32                | (6.08 - 11.27)                        | *                   | (* - *)                               | 31.31             | (26.06 - 37.09)                     | 33.09             | (28.07 - 38.53)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 10.83               | (9.07 - 12.90)                        | 56.07               | (52.79 - 59.30)                       | 54.12             | (51.29 - 56.92)                     | 54.40             | (51.85 - 56.93)                     |
| Regions 1 and 10      | 11.09               | (8.76 - 13.96)                        | 59.44               | (53.84 - 64.80)                       | 61.44             | (56.76 - 65.91)                     | 61.16             | (56.78 - 65.37)                     |
| Region 1              | 10.62               | (7.92 - 14.09)                        | *                   | (* - *)                               | 63.03             | (57.01 - 68.67)                     | 62.94             | (57.26 - 68.28)                     |
| Region 10 (Jefferson) | 11.59               | (8.68 - 15.31)                        | *                   | (* - *)                               | 59.75             | (53.60 - 65.61)                     | 59.21             | (53.43 - 64.74)                     |
| Regions 2 and 9       | 10.96               | (8.45 - 14.10)                        | 60.77               | (55.81 - 65.52)                       | 58.32             | (53.95 - 62.57)                     | 58.70             | (54.75 - 62.53)                     |
| Region 3              | 12.42               | (9.38 - 16.26)                        | *                   | (* - *)                               | 52.34             | (46.30 - 58.32)                     | 52.73             | (47.08 - 58.30)                     |
| Regions 4, 5, and 6   | 10.89               | (8.56 - 13.76)                        | 52.80               | (46.48 - 59.03)                       | 49.19             | (44.33 - 54.06)                     | 49.72             | (45.22 - 54.23)                     |
| Regions 7 and 8       | 9.63                | (7.34 - 12.54)                        | 51.14               | (45.02 - 57.23)                       | 48.16             | (43.23 - 53.13)                     | 48.62             | (44.06 - 53.19)                     |
| <b>Maine</b>          | 12.08               | (10.21 - 14.24)                       | 66.28               | (63.02 - 69.39)                       | 61.76             | (58.90 - 64.54)                     | 62.30             | (59.70 - 64.84)                     |
| Aroostook/Downeast    | 11.71               | (9.25 - 14.71)                        | 61.96               | (56.16 - 67.44)                       | 54.80             | (49.69 - 59.82)                     | 55.58             | (50.78 - 60.28)                     |
| Aroostook             | 12.10               | (9.11 - 15.89)                        | *                   | (* - *)                               | 53.91             | (47.35 - 60.33)                     | 54.72             | (48.51 - 60.79)                     |
| Downeast              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 56.28             | (49.72 - 62.62)                     |
| Central               | 11.93               | (9.19 - 15.34)                        | *                   | (* - *)                               | 58.22             | (52.22 - 63.99)                     | 58.98             | (53.32 - 64.42)                     |
| Cumberland            | 12.44               | (9.66 - 15.87)                        | 71.27               | (65.47 - 76.44)                       | 69.95             | (65.15 - 74.35)                     | 70.11             | (65.64 - 74.22)                     |
| Midcoast              | 12.95               | (9.79 - 16.95)                        | *                   | (* - *)                               | 62.14             | (56.35 - 67.60)                     | 62.38             | (56.88 - 67.59)                     |
| Penquis               | 12.26               | (9.30 - 15.99)                        | 66.22               | (59.67 - 72.21)                       | 58.29             | (52.20 - 64.13)                     | 59.44             | (53.86 - 64.79)                     |
| Western               | 11.10               | (8.52 - 14.34)                        | 60.96               | (54.17 - 67.35)                       | 56.29             | (50.78 - 61.64)                     | 56.87             | (51.70 - 61.90)                     |
| York                  | 12.17               | (9.25 - 15.84)                        | 70.04               | (64.12 - 75.37)                       | 66.66             | (61.20 - 71.70)                     | 67.04             | (61.94 - 71.77)                     |
| <b>Maryland</b>       | 10.65               | (8.86 - 12.74)                        | 61.11               | (57.75 - 64.37)                       | 61.29             | (58.44 - 64.06)                     | 61.26             | (58.71 - 63.76)                     |
| Anne Arundel          | 11.97               | (8.95 - 15.83)                        | *                   | (* - *)                               | 66.43             | (60.58 - 71.82)                     | 66.25             | (60.72 - 71.38)                     |
| Baltimore City        | 8.74                | (6.44 - 11.76)                        | 60.07               | (53.28 - 66.50)                       | 56.31             | (50.72 - 61.75)                     | 56.90             | (51.72 - 61.94)                     |
| Baltimore County      | 11.41               | (8.61 - 14.96)                        | *                   | (* - *)                               | 66.15             | (60.51 - 71.37)                     | 65.98             | (60.71 - 70.88)                     |
| Montgomery            | 10.20               | (7.77 - 13.27)                        | *                   | (* - *)                               | 62.20             | (57.14 - 67.01)                     | 62.03             | (57.23 - 66.60)                     |
| North Central         | 11.51               | (8.59 - 15.26)                        | *                   | (* - *)                               | 63.93             | (57.70 - 69.72)                     | 63.98             | (58.07 - 69.49)                     |
| Northeast             | 11.85               | (8.79 - 15.79)                        | *                   | (* - *)                               | 59.98             | (53.85 - 65.82)                     | 60.01             | (54.16 - 65.58)                     |
| Prince George's       | 9.58                | (7.11 - 12.80)                        | 59.99               | (53.41 - 66.23)                       | 59.67             | (53.91 - 65.17)                     | 59.72             | (54.45 - 64.77)                     |
| South                 | 9.93                | (7.38 - 13.23)                        | *                   | (* - *)                               | 57.31             | (51.20 - 63.20)                     | 57.15             | (51.39 - 62.71)                     |
| West                  | 11.38               | (8.59 - 14.93)                        | *                   | (* - *)                               | 57.61             | (51.56 - 63.45)                     | 57.81             | (52.08 - 63.33)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 11.93               | (10.00 - 14.17)                       | 69.85               | (66.61 - 72.91)                       | 62.18             | (59.31 - 64.97)                     | 63.32             | (60.75 - 65.81)                     |
| Boston                | 9.16                | (6.77 - 12.30)                        | 70.72               | (64.43 - 76.32)                       | 58.97             | (53.03 - 64.65)                     | 61.42             | (56.07 - 66.51)                     |
| Central               | 11.37               | (8.63 - 14.84)                        | *                   | (* - *)                               | 57.29             | (51.47 - 62.92)                     | 58.68             | (53.27 - 63.89)                     |
| Metrowest             | 11.69               | (9.03 - 15.00)                        | 74.45               | (68.56 - 79.56)                       | 69.35             | (64.89 - 73.47)                     | 70.04             | (65.88 - 73.89)                     |
| Northeast             | 12.41               | (9.68 - 15.77)                        | 68.01               | (62.03 - 73.44)                       | 61.57             | (56.78 - 66.14)                     | 62.42             | (57.96 - 66.68)                     |
| Southeast             | 13.31               | (10.16 - 17.24)                       | 68.85               | (62.58 - 74.51)                       | 61.78             | (56.37 - 66.91)                     | 62.69             | (57.67 - 67.45)                     |
| Western               | 12.12               | (9.19 - 15.82)                        | 67.93               | (61.69 - 73.59)                       | 58.30             | (52.43 - 63.94)                     | 59.92             | (54.57 - 65.05)                     |
| <b>Michigan</b>       | 10.58               | (9.34 - 11.97)                        | 60.38               | (58.16 - 62.55)                       | 57.93             | (56.05 - 59.79)                     | 58.29             | (56.63 - 59.93)                     |
| Region 1              | 12.40               | (9.46 - 16.08)                        | *                   | (* - *)                               | 58.97             | (53.00 - 64.68)                     | 60.08             | (54.48 - 65.44)                     |
| Region 2              | 11.83               | (9.03 - 15.35)                        | *                   | (* - *)                               | 57.72             | (51.77 - 63.47)                     | 57.98             | (52.28 - 63.48)                     |
| Region 3              | 10.57               | (8.50 - 13.07)                        | 64.40               | (59.51 - 69.01)                       | 61.92             | (57.97 - 65.72)                     | 62.30             | (58.73 - 65.74)                     |
| Region 4              | 10.65               | (8.33 - 13.52)                        | 58.43               | (53.19 - 63.48)                       | 55.62             | (51.15 - 60.00)                     | 56.04             | (51.99 - 60.02)                     |
| Region 5              | 10.92               | (8.81 - 13.46)                        | 60.55               | (56.11 - 64.81)                       | 54.00             | (50.15 - 57.80)                     | 55.11             | (51.71 - 58.46)                     |
| Region 6              | 10.15               | (7.93 - 12.91)                        | 63.65               | (57.80 - 69.12)                       | 61.23             | (56.42 - 65.83)                     | 61.63             | (57.23 - 65.86)                     |
| Region 7              | 9.35                | (7.54 - 11.53)                        | 54.09               | (49.46 - 58.66)                       | 53.43             | (49.48 - 57.35)                     | 53.53             | (49.96 - 57.06)                     |
| Region 8              | 10.94               | (8.78 - 13.55)                        | 61.67               | (56.09 - 66.95)                       | 63.79             | (59.45 - 67.92)                     | 63.53             | (59.47 - 67.40)                     |
| Region 9              | 11.05               | (8.56 - 14.14)                        | 63.25               | (57.67 - 68.49)                       | 60.45             | (55.73 - 64.99)                     | 60.81             | (56.42 - 65.03)                     |
| Region 10             | 10.75               | (8.34 - 13.74)                        | 58.69               | (52.50 - 64.61)                       | 56.17             | (51.13 - 61.10)                     | 56.51             | (51.83 - 61.08)                     |
| <b>Minnesota</b>      | 10.68               | (8.95 - 12.70)                        | 66.64               | (63.44 - 69.69)                       | 63.92             | (61.14 - 66.62)                     | 64.30             | (61.81 - 66.71)                     |
| Regions 1 and 2       | 10.72               | (8.38 - 13.61)                        | 65.50               | (59.49 - 71.04)                       | 58.01             | (52.61 - 63.21)                     | 59.00             | (53.97 - 63.85)                     |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 58.76             | (52.11 - 65.11)                     |
| Region 2              | 10.67               | (7.86 - 14.32)                        | *                   | (* - *)                               | *                 | (* - *)                             | 59.14             | (52.63 - 65.35)                     |
| Regions 3 and 4       | 11.41               | (8.98 - 14.38)                        | 65.05               | (59.51 - 70.22)                       | 61.17             | (56.55 - 65.60)                     | 61.72             | (57.47 - 65.81)                     |
| Region 3              | 11.60               | (8.52 - 15.60)                        | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 4              | 11.32               | (8.61 - 14.74)                        | 63.95               | (57.17 - 70.21)                       | 61.94             | (56.47 - 67.12)                     | 62.23             | (57.20 - 67.01)                     |
| Regions 5 and 6       | 10.64               | (8.29 - 13.55)                        | 68.88               | (63.99 - 73.39)                       | 59.46             | (54.58 - 64.16)                     | 60.84             | (56.40 - 65.10)                     |
| Region 5              | 10.30               | (7.60 - 13.81)                        | 67.89               | (61.46 - 73.70)                       | 57.67             | (51.31 - 63.79)                     | 59.16             | (53.34 - 64.74)                     |
| Region 6              | 10.97               | (8.20 - 14.52)                        | *                   | (* - *)                               | 61.30             | (55.01 - 67.24)                     | 62.56             | (56.73 - 68.04)                     |
| Region 7              | 10.46               | (8.58 - 12.69)                        | 66.54               | (62.61 - 70.26)                       | 67.37             | (64.17 - 70.41)                     | 67.26             | (64.35 - 70.04)                     |
| Region 7A (Hennepin)  | 10.67               | (8.23 - 13.73)                        | 70.72               | (65.19 - 75.70)                       | 70.87             | (66.49 - 74.89)                     | 70.85             | (66.79 - 74.60)                     |
| Region 7B (Ramsey)    | 8.35                | (6.17 - 11.20)                        | 63.15               | (56.38 - 69.44)                       | 60.44             | (54.75 - 65.87)                     | 60.87             | (55.59 - 65.91)                     |
| Region 7C             | 11.04               | (8.54 - 14.16)                        | 64.05               | (57.82 - 69.83)                       | 66.78             | (62.06 - 71.20)                     | 66.43             | (62.05 - 70.55)                     |

See notes at end of table.

(continued)



**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 8.37                | (6.88 - 10.15)                        | 46.46               | (43.05 - 49.91)                       | 40.76             | (38.00 - 43.59)                     | 41.63             | (39.16 - 44.14)                     |
| Region 1                               | 8.38                | (6.45 - 10.81)                        | 45.18               | (39.23 - 51.27)                       | 38.49             | (34.05 - 43.13)                     | 39.50             | (35.38 - 43.78)                     |
| Region 2                               | 7.53                | (5.47 - 10.29)                        | 40.84               | (34.45 - 47.56)                       | 39.00             | (33.56 - 44.73)                     | 39.29             | (34.24 - 44.58)                     |
| Region 3                               | 8.43                | (6.25 - 11.29)                        | 48.48               | (41.78 - 55.24)                       | 38.81             | (33.62 - 44.27)                     | 40.47             | (35.64 - 45.49)                     |
| Region 4                               | 7.80                | (5.80 - 10.43)                        | 47.33               | (41.12 - 53.62)                       | 45.35             | (40.31 - 50.49)                     | 45.65             | (41.04 - 50.33)                     |
| Region 5                               | 8.48                | (6.12 - 11.64)                        | *                   | (* - *)                               | 36.90             | (30.64 - 43.64)                     | 37.65             | (31.61 - 44.09)                     |
| Region 6                               | 9.39                | (6.97 - 12.53)                        | *                   | (* - *)                               | 42.00             | (36.63 - 47.56)                     | 43.24             | (38.24 - 48.38)                     |
| Region 7                               | 8.95                | (6.67 - 11.92)                        | *                   | (* - *)                               | 42.32             | (36.93 - 47.89)                     | 43.24             | (38.21 - 48.42)                     |
| <b>Missouri</b>                        | 9.91                | (8.24 - 11.87)                        | 58.93               | (55.62 - 62.16)                       | 54.75             | (51.93 - 57.54)                     | 55.35             | (52.82 - 57.85)                     |
| Central                                | 9.87                | (7.48 - 12.93)                        | 59.92               | (53.47 - 66.04)                       | 50.38             | (44.61 - 56.14)                     | 52.05             | (46.80 - 57.26)                     |
| Eastern                                | 10.17               | (8.10 - 12.69)                        | 61.96               | (57.08 - 66.61)                       | 60.46             | (56.67 - 64.13)                     | 60.67             | (57.20 - 64.03)                     |
| Eastern (St. Louis City and<br>County) | 9.28                | (7.05 - 12.13)                        | 60.75               | (54.59 - 66.60)                       | 60.43             | (55.61 - 65.05)                     | 60.47             | (56.03 - 64.75)                     |
| Eastern (excluding St. Louis)          | 11.45               | (8.66 - 15.00)                        | *                   | (* - *)                               | 60.53             | (55.10 - 65.71)                     | 61.00             | (55.95 - 65.83)                     |
| Northwest                              | 9.67                | (7.64 - 12.17)                        | 60.26               | (55.01 - 65.29)                       | 56.89             | (52.66 - 61.02)                     | 57.36             | (53.40 - 61.22)                     |
| Northwest (Jackson)                    | 9.12                | (6.82 - 12.10)                        | 61.36               | (54.54 - 67.77)                       | 58.28             | (52.81 - 63.55)                     | 58.69             | (53.55 - 63.65)                     |
| Northwest (excluding Jackson)          | 10.11               | (7.59 - 13.35)                        | *                   | (* - *)                               | 55.70             | (50.00 - 61.26)                     | 56.23             | (50.84 - 61.48)                     |
| Southeast                              | 9.96                | (7.46 - 13.17)                        | 51.57               | (44.75 - 58.32)                       | 44.16             | (38.46 - 50.02)                     | 45.16             | (39.80 - 50.64)                     |
| Southwest                              | 9.69                | (7.27 - 12.80)                        | 54.70               | (48.10 - 61.14)                       | 50.39             | (44.81 - 55.95)                     | 50.99             | (45.84 - 56.12)                     |
| <b>Montana</b>                         | 10.96               | (9.15 - 13.08)                        | 62.31               | (59.03 - 65.49)                       | 61.37             | (58.45 - 64.21)                     | 61.50             | (58.91 - 64.03)                     |
| Region 1                               | 11.05               | (8.22 - 14.70)                        | *                   | (* - *)                               | *                 | (* - *)                             | 56.22             | (49.44 - 62.77)                     |
| Region 2                               | 10.23               | (7.73 - 13.42)                        | 57.19               | (50.40 - 63.72)                       | 57.86             | (52.34 - 63.20)                     | 57.76             | (52.60 - 62.76)                     |
| Region 3                               | 10.41               | (7.98 - 13.48)                        | 56.98               | (50.78 - 62.96)                       | 58.95             | (54.09 - 63.63)                     | 58.69             | (54.23 - 63.01)                     |
| Region 4                               | 11.12               | (8.50 - 14.42)                        | 66.81               | (61.63 - 71.61)                       | 65.45             | (60.71 - 69.91)                     | 65.66             | (61.35 - 69.72)                     |
| Region 5                               | 11.59               | (9.12 - 14.62)                        | 64.20               | (58.82 - 69.24)                       | 62.59             | (58.08 - 66.89)                     | 62.82             | (58.72 - 66.74)                     |
| <b>Nebraska</b>                        | 9.74                | (8.07 - 11.70)                        | 63.67               | (60.25 - 66.96)                       | 63.82             | (60.99 - 66.55)                     | 63.80             | (61.29 - 66.23)                     |
| Regions 1 and 2                        | 10.13               | (7.80 - 13.06)                        | 60.08               | (53.43 - 66.37)                       | 58.84             | (53.19 - 64.26)                     | 59.01             | (53.66 - 64.15)                     |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 3                               | 9.85                | (7.45 - 12.91)                        | *                   | (* - *)                               | 60.06             | (54.17 - 65.67)                     | 60.59             | (55.11 - 65.82)                     |
| Region 4                               | 9.74                | (7.25 - 12.97)                        | *                   | (* - *)                               | 57.41             | (51.06 - 63.53)                     | 57.77             | (51.87 - 63.46)                     |
| Region 5                               | 10.23               | (7.85 - 13.23)                        | 66.56               | (60.74 - 71.92)                       | 65.20             | (60.27 - 69.82)                     | 65.43             | (60.92 - 69.67)                     |
| Region 6                               | 9.36                | (7.29 - 11.94)                        | 63.45               | (58.64 - 68.01)                       | 67.06             | (63.32 - 70.60)                     | 66.52             | (63.14 - 69.74)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 12.86               | (10.68 - 15.42)                       | 54.12               | (50.49 - 57.71)                       | 56.62             | (53.53 - 59.65)                     | 56.29             | (53.52 - 59.02)                     |
| Clark – Region 1        | 12.32               | (9.95 - 15.14)                        | 51.85               | (47.54 - 56.13)                       | 55.59             | (52.06 - 59.07)                     | 55.09             | (51.90 - 58.24)                     |
| Region 3                | 14.07               | (10.95 - 17.90)                       | *                   | (* - *)                               | 55.77             | (50.00 - 61.39)                     | 55.89             | (50.41 - 61.23)                     |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Washoe – Region 2       | 14.56               | (11.18 - 18.75)                       | 62.64               | (56.20 - 68.65)                       | 62.03             | (56.87 - 66.94)                     | 62.12             | (57.33 - 66.67)                     |
| <b>New Hampshire</b>    | 12.19               | (10.33 - 14.33)                       | 69.70               | (66.42 - 72.79)                       | 68.88             | (66.07 - 71.56)                     | 68.99             | (66.48 - 71.40)                     |
| Central                 | 11.50               | (9.28 - 14.18)                        | 69.56               | (65.13 - 73.66)                       | 65.42             | (61.37 - 69.26)                     | 66.02             | (62.33 - 69.52)                     |
| Central 1               | 11.36               | (8.64 - 14.78)                        | 69.46               | (63.28 - 75.02)                       | 63.14             | (57.37 - 68.55)                     | 64.15             | (58.90 - 69.09)                     |
| Central 2               | 11.64               | (8.93 - 15.02)                        | 69.69               | (63.94 - 74.88)                       | 67.59             | (62.67 - 72.15)                     | 67.86             | (63.29 - 72.11)                     |
| Northern                | 12.73               | (9.69 - 16.56)                        | 71.70               | (65.33 - 77.31)                       | 68.85             | (63.16 - 74.03)                     | 69.25             | (63.98 - 74.07)                     |
| Southern                | 12.39               | (10.26 - 14.90)                       | 69.29               | (64.89 - 73.36)                       | 70.55             | (67.25 - 73.65)                     | 70.39             | (67.36 - 73.25)                     |
| Southern 1 (Rockingham) | 11.78               | (9.17 - 15.01)                        | 69.00               | (62.42 - 74.89)                       | 71.35             | (66.66 - 75.63)                     | 71.07             | (66.63 - 75.14)                     |
| Southern 2              | 12.79               | (10.22 - 15.90)                       | 69.44               | (64.07 - 74.33)                       | 70.04             | (66.02 - 73.78)                     | 69.96             | (66.28 - 73.40)                     |
| <b>New Jersey</b>       | 12.18               | (10.51 - 14.08)                       | 61.74               | (58.77 - 64.63)                       | 59.72             | (57.29 - 62.11)                     | 59.99             | (57.80 - 62.14)                     |
| Central                 | 12.10               | (9.63 - 15.10)                        | 64.07               | (58.72 - 69.09)                       | 62.34             | (58.06 - 66.44)                     | 62.56             | (58.59 - 66.36)                     |
| Metropolitan            | 10.42               | (8.13 - 13.27)                        | 54.27               | (48.95 - 59.50)                       | 52.96             | (48.46 - 57.41)                     | 53.14             | (49.04 - 57.20)                     |
| Northern                | 12.97               | (10.60 - 15.78)                       | 63.86               | (59.16 - 68.30)                       | 60.33             | (56.71 - 63.84)                     | 60.77             | (57.44 - 64.00)                     |
| Southern                | 13.16               | (10.56 - 16.30)                       | 65.32               | (59.93 - 70.34)                       | 63.66             | (59.31 - 67.80)                     | 63.88             | (59.90 - 67.68)                     |
| <b>New Mexico</b>       | 9.90                | (8.23 - 11.87)                        | 55.84               | (52.34 - 59.29)                       | 51.91             | (48.97 - 54.84)                     | 52.48             | (49.85 - 55.10)                     |
| Region 1                | 9.32                | (7.11 - 12.14)                        | 51.95               | (45.68 - 58.16)                       | 46.43             | (41.19 - 51.74)                     | 47.23             | (42.36 - 52.15)                     |
| Region 2                | 10.09               | (7.57 - 13.34)                        | *                   | (* - *)                               | 52.87             | (47.01 - 58.66)                     | 53.19             | (47.62 - 58.68)                     |
| Region 3 (Bernalillo)   | 10.35               | (8.07 - 13.18)                        | 62.23               | (57.03 - 67.16)                       | 58.56             | (54.23 - 62.76)                     | 59.08             | (55.15 - 62.89)                     |
| Region 4                | 9.64                | (7.20 - 12.80)                        | *                   | (* - *)                               | 46.93             | (41.27 - 52.68)                     | 47.66             | (42.38 - 52.98)                     |
| Region 5                | 9.96                | (7.83 - 12.60)                        | 53.11               | (47.67 - 58.48)                       | 48.84             | (44.19 - 53.51)                     | 49.52             | (45.23 - 53.83)                     |
| Region 5a               | 9.18                | (6.74 - 12.40)                        | *                   | (* - *)                               | 44.95             | (38.97 - 51.09)                     | 45.23             | (39.58 - 51.02)                     |
| Region 5b (Dona Ana)    | 10.59               | (7.94 - 13.98)                        | *                   | (* - *)                               | 52.64             | (46.60 - 58.60)                     | 53.46             | (47.91 - 58.93)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 11.96               | (10.73 - 13.30)                       | 61.31               | (59.18 - 63.40)                       | 58.35             | (56.73 - 59.95)                     | 58.78             | (57.32 - 60.21)                     |
| Region 1: Long Island                          | 13.96               | (11.57 - 16.76)                       | 65.98               | (61.32 - 70.36)                       | 69.11             | (65.61 - 72.41)                     | 68.69             | (65.46 - 71.74)                     |
| Region 2: New York City                        | 10.48               | (9.08 - 12.08)                        | 57.83               | (54.97 - 60.64)                       | 53.52             | (51.26 - 55.76)                     | 54.12             | (52.06 - 56.16)                     |
| Region 2A: Bronx                               | 8.58                | (6.66 - 10.98)                        | 47.31               | (41.75 - 52.93)                       | 42.89             | (38.22 - 47.69)                     | 43.64             | (39.37 - 47.99)                     |
| Region 2B: Kings                               | 11.53               | (9.24 - 14.28)                        | 57.19               | (52.27 - 61.97)                       | 53.47             | (49.47 - 57.42)                     | 54.00             | (50.37 - 57.60)                     |
| Region 2C: New York                            | 13.16               | (10.12 - 16.95)                       | 76.72               | (72.23 - 80.69)                       | 68.12             | (63.91 - 72.06)                     | 69.22             | (65.35 - 72.84)                     |
| Region 2D: Queens                              | 9.22                | (7.23 - 11.68)                        | 52.55               | (47.07 - 57.98)                       | 48.00             | (43.73 - 52.30)                     | 48.58             | (44.60 - 52.58)                     |
| Region 2E: Richmond                            | 10.80               | (8.29 - 13.96)                        | *                   | (* - *)                               | 55.16             | (49.08 - 61.09)                     | 55.30             | (49.56 - 60.90)                     |
| Region 3: Mid-Hudson                           | 11.06               | (8.98 - 13.56)                        | 58.53               | (53.01 - 63.84)                       | 57.97             | (53.96 - 61.87)                     | 58.05             | (54.34 - 61.66)                     |
| Region 4: Capital Region                       | 13.67               | (10.83 - 17.10)                       | 70.00               | (64.47 - 75.00)                       | 66.11             | (61.27 - 70.63)                     | 66.68             | (62.21 - 70.87)                     |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | 52.12             | (45.53 - 58.63)                     | 53.53             | (47.24 - 59.71)                     |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | 54.06             | (47.62 - 60.38)                     | 54.91             | (48.76 - 60.92)                     |
| Region 7: Tug Hill Seaway                      | 12.04               | (9.26 - 15.51)                        | *                   | (* - *)                               | 53.56             | (47.30 - 59.71)                     | 55.19             | (49.28 - 60.95)                     |
| Region 8: Central                              | 12.71               | (10.20 - 15.73)                       | 63.26               | (57.65 - 68.53)                       | 58.94             | (54.45 - 63.29)                     | 59.64             | (55.51 - 63.64)                     |
| Region 9: Southern Tier                        | 13.05               | (10.14 - 16.63)                       | 68.53               | (62.02 - 74.37)                       | 58.84             | (53.31 - 64.15)                     | 60.67             | (55.59 - 65.52)                     |
| Region 10: Finger Lakes                        | 13.20               | (10.61 - 16.31)                       | 65.17               | (59.61 - 70.34)                       | 61.88             | (57.40 - 66.16)                     | 62.37             | (58.25 - 66.32)                     |
| Region 11: Western                             | 13.46               | (10.98 - 16.39)                       | 62.81               | (57.58 - 67.76)                       | 60.35             | (56.42 - 64.15)                     | 60.71             | (57.10 - 64.22)                     |
| <b>North Carolina</b>                          | 8.04                | (6.76 - 9.55)                         | 54.17               | (51.47 - 56.85)                       | 48.18             | (45.86 - 50.51)                     | 49.02             | (46.95 - 51.09)                     |
| Alliance Behavioral<br>Healthcare 1            | 7.05                | (5.31 - 9.31)                         | 54.04               | (47.28 - 60.66)                       | 48.88             | (43.72 - 54.07)                     | 49.68             | (44.85 - 54.52)                     |
| Alliance Behavioral<br>Healthcare 2            | 7.76                | (5.83 - 10.27)                        | *                   | (* - *)                               | 58.75             | (53.21 - 64.08)                     | 58.52             | (53.36 - 63.49)                     |
| Cardinal Innovations<br>Healthcare Solutions 1 | 8.83                | (6.64 - 11.66)                        | *                   | (* - *)                               | 49.12             | (43.53 - 54.72)                     | 49.71             | (44.40 - 55.03)                     |
| Cardinal Innovations<br>Healthcare Solutions 2 | 8.15                | (6.05 - 10.91)                        | *                   | (* - *)                               | 45.85             | (40.28 - 51.53)                     | 46.96             | (41.71 - 52.27)                     |
| Cardinal Innovations<br>Healthcare Solutions 3 | 7.46                | (5.57 - 9.92)                         | 58.41               | (52.35 - 64.22)                       | 56.66             | (51.48 - 61.71)                     | 56.90             | (52.07 - 61.60)                     |
| CenterPoint Human Services                     | 8.76                | (6.56 - 11.61)                        | *                   | (* - *)                               | 47.30             | (41.59 - 53.08)                     | 48.54             | (43.14 - 53.97)                     |
| Eastpointe                                     | 6.91                | (5.20 - 9.14)                         | 42.50               | (36.20 - 49.05)                       | 35.90             | (31.08 - 41.04)                     | 36.82             | (32.25 - 41.63)                     |
| Partners Behavioral Health<br>Management       | 8.41                | (6.38 - 11.01)                        | *                   | (* - *)                               | 44.21             | (38.61 - 49.96)                     | 45.02             | (39.70 - 50.47)                     |
| Sandhills Center 1                             | *                   | (* - *)                               | *                   | (* - *)                               | 41.07             | (35.36 - 47.03)                     | 42.04             | (36.57 - 47.72)                     |
| Sandhills Center 2                             | 7.45                | (5.53 - 9.98)                         | *                   | (* - *)                               | 50.04             | (44.20 - 55.89)                     | 50.91             | (45.34 - 56.44)                     |
| Smoky Mountain Center 1                        | 8.13                | (5.93 - 11.05)                        | *                   | (* - *)                               | 37.96             | (32.34 - 43.92)                     | 39.62             | (34.27 - 45.23)                     |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 49.69             | (43.44 - 55.95)                     | 50.26             | (44.31 - 56.21)                     |
| Trillium Health Resources 1                    | 8.30                | (6.19 - 11.03)                        | 56.35               | (49.88 - 62.62)                       | 47.63             | (42.02 - 53.31)                     | 49.01             | (43.80 - 54.25)                     |
| Trillium Health Resources 2                    | *                   | (* - *)                               | *                   | (* - *)                               | 55.08             | (48.37 - 61.61)                     | 56.65             | (50.41 - 62.69)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 12.28               | (10.40 - 14.44)                       | 68.79               | (65.74 - 71.70)                       | 62.64             | (59.95 - 65.25)                     | 63.75             | (61.41 - 66.02)                     |
| Badlands and West Central     | 13.47               | (10.90 - 16.53)                       | 69.21               | (64.01 - 73.96)                       | 65.46             | (61.51 - 69.22)                     | 66.01             | (62.37 - 69.48)                     |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 62.13             | (55.65 - 68.20)                     |
| West Central                  | 13.52               | (10.70 - 16.93)                       | 69.69               | (63.55 - 75.20)                       | 66.73             | (62.31 - 70.87)                     | 67.16             | (63.07 - 71.01)                     |
| Lake Region                   | 10.72               | (7.99 - 14.24)                        | *                   | (* - *)                               | 52.81             | (46.10 - 59.41)                     | 52.82             | (46.46 - 59.09)                     |
| North Central                 | 12.62               | (9.71 - 16.26)                        | *                   | (* - *)                               | 61.10             | (55.36 - 66.56)                     | 62.09             | (56.75 - 67.15)                     |
| Northeast                     | 13.24               | (10.22 - 16.97)                       | 74.17               | (68.92 - 78.82)                       | 65.07             | (59.86 - 69.95)                     | 67.33             | (62.84 - 71.53)                     |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| South Central                 | 13.37               | (9.89 - 17.84)                        | *                   | (* - *)                               | 61.28             | (54.85 - 67.34)                     | 62.17             | (56.05 - 67.93)                     |
| Southeast                     | 10.61               | (8.17 - 13.68)                        | 69.84               | (65.17 - 74.13)                       | 62.78             | (58.25 - 67.09)                     | 64.24             | (60.30 - 67.99)                     |
| <b>Ohio</b>                   | 9.73                | (8.55 - 11.05)                        | 61.30               | (59.06 - 63.50)                       | 55.94             | (54.09 - 57.78)                     | 56.69             | (55.04 - 58.32)                     |
| Boards 2, 46, 55, and 68      | 11.28               | (8.69 - 14.53)                        | *                   | (* - *)                               | 56.21             | (50.24 - 62.01)                     | 57.24             | (51.61 - 62.68)                     |
| Boards 3, 52, and 85          | 9.53                | (7.25 - 12.43)                        | *                   | (* - *)                               | 56.65             | (50.76 - 62.35)                     | 57.17             | (51.53 - 62.63)                     |
| Boards 4 and 78               | 9.68                | (7.33 - 12.69)                        | *                   | (* - *)                               | 46.98             | (40.94 - 53.10)                     | 48.08             | (42.31 - 53.90)                     |
| Boards 5 and 60               | 10.26               | (7.90 - 13.22)                        | *                   | (* - *)                               | 47.63             | (41.38 - 53.96)                     | 50.16             | (44.31 - 56.00)                     |
| Boards 7, 15, 41, 79, and 84  | 9.55                | (7.25 - 12.49)                        | *                   | (* - *)                               | 47.39             | (41.48 - 53.37)                     | 48.40             | (42.75 - 54.10)                     |
| Boards 8, 13, and 83          | 9.95                | (7.59 - 12.95)                        | *                   | (* - *)                               | 58.43             | (52.58 - 64.06)                     | 58.69             | (53.07 - 64.10)                     |
| Board 9 (Butler)              | 9.02                | (6.85 - 11.79)                        | *                   | (* - *)                               | 55.91             | (49.96 - 61.70)                     | 56.37             | (50.75 - 61.84)                     |
| Board 12                      | 8.98                | (6.74 - 11.86)                        | *                   | (* - *)                               | 55.72             | (49.50 - 61.78)                     | 56.42             | (50.58 - 62.09)                     |
| Boards 18 and 47              | 9.57                | (7.55 - 12.06)                        | 63.67               | (58.64 - 68.42)                       | 59.84             | (55.72 - 63.82)                     | 60.35             | (56.58 - 64.00)                     |
| Boards 20, 32, 54, and 69     | 9.95                | (7.61 - 12.92)                        | *                   | (* - *)                               | 52.61             | (46.96 - 58.18)                     | 53.25             | (47.92 - 58.52)                     |
| Boards 21, 39, 51, 70, and 80 | 8.77                | (6.72 - 11.38)                        | *                   | (* - *)                               | 50.60             | (44.88 - 56.31)                     | 50.91             | (45.51 - 56.29)                     |
| Boards 22, 74, and 87         | 10.86               | (8.39 - 13.94)                        | 64.55               | (58.11 - 70.51)                       | 56.37             | (50.42 - 62.14)                     | 57.59             | (52.07 - 62.93)                     |
| Boards 23 and 45              | 9.56                | (7.27 - 12.46)                        | *                   | (* - *)                               | 55.61             | (50.02 - 61.06)                     | 55.96             | (50.72 - 61.07)                     |
| Board 25 (Franklin)           | 8.56                | (6.67 - 10.92)                        | 63.45               | (58.59 - 68.05)                       | 58.69             | (54.40 - 62.86)                     | 59.42             | (55.50 - 63.22)                     |
| Boards 27, 71, and 73         | 9.10                | (6.94 - 11.86)                        | *                   | (* - *)                               | 45.43             | (39.76 - 51.22)                     | 46.18             | (40.81 - 51.64)                     |
| Boards 28, 43, and 67         | 10.95               | (8.48 - 14.03)                        | 67.31               | (61.01 - 73.04)                       | 62.66             | (57.51 - 67.54)                     | 63.32             | (58.51 - 67.88)                     |
| Board 31 (Hamilton)           | 10.38               | (8.05 - 13.29)                        | 63.84               | (57.99 - 69.31)                       | 62.58             | (57.80 - 67.12)                     | 62.76             | (58.34 - 66.97)                     |
| Board 48 (Lucas)              | 9.29                | (7.04 - 12.18)                        | *                   | (* - *)                               | 52.51             | (46.53 - 58.43)                     | 53.51             | (47.91 - 59.02)                     |
| Boards 50 and 76              | 10.07               | (7.84 - 12.84)                        | 62.42               | (56.10 - 68.35)                       | 53.33             | (48.28 - 58.31)                     | 54.50             | (49.77 - 59.15)                     |
| Board 57 (Montgomery)         | 10.32               | (7.82 - 13.50)                        | *                   | (* - *)                               | 56.97             | (51.33 - 62.44)                     | 57.82             | (52.48 - 62.99)                     |
| Board 77 (Summit)             | 10.12               | (7.76 - 13.10)                        | 64.79               | (58.08 - 70.97)                       | 59.66             | (54.21 - 64.89)                     | 60.34             | (55.23 - 65.23)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 10.39               | (8.68 - 12.40)                        | 54.47               | (51.03 - 57.87)                       | 46.64             | (43.84 - 49.46)                     | 47.81             | (45.34 - 50.30)                     |
| Central                               | 11.47               | (8.74 - 14.93)                        | 59.14               | (52.70 - 65.28)                       | 53.31             | (47.67 - 58.87)                     | 54.25             | (49.08 - 59.32)                     |
| East Central                          | 9.64                | (7.21 - 12.78)                        | *                   | (* - *)                               | 39.29             | (33.72 - 45.16)                     | 40.38             | (35.10 - 45.90)                     |
| Northeast                             | 11.37               | (8.58 - 14.92)                        | *                   | (* - *)                               | 45.86             | (40.28 - 51.55)                     | 47.43             | (42.26 - 52.65)                     |
| Northwest and Southwest               | 10.77               | (8.14 - 14.12)                        | 54.86               | (48.03 - 61.52)                       | 46.68             | (41.37 - 52.07)                     | 47.95             | (43.01 - 52.94)                     |
| Oklahoma County                       | 9.73                | (7.33 - 12.80)                        | 56.83               | (50.33 - 63.11)                       | 50.89             | (45.59 - 56.17)                     | 51.74             | (46.81 - 56.65)                     |
| Southeast                             | 10.30               | (7.73 - 13.61)                        | *                   | (* - *)                               | 38.47             | (33.27 - 43.95)                     | 40.14             | (35.23 - 45.26)                     |
| Tulsa County                          | 9.90                | (7.52 - 12.95)                        | 55.06               | (48.45 - 61.50)                       | 49.04             | (43.75 - 54.35)                     | 49.90             | (44.98 - 54.82)                     |
| <b>Oregon</b>                         | 10.96               | (9.26 - 12.92)                        | 63.92               | (60.73 - 67.00)                       | 62.39             | (59.56 - 65.15)                     | 62.60             | (60.05 - 65.08)                     |
| Region 1 (Multnomah)                  | 10.05               | (7.72 - 13.00)                        | 66.56               | (60.51 - 72.12)                       | 66.81             | (62.11 - 71.20)                     | 66.78             | (62.37 - 70.92)                     |
| Region 2                              | 10.84               | (8.54 - 13.68)                        | 66.14               | (60.49 - 71.36)                       | 67.76             | (63.28 - 71.93)                     | 67.55             | (63.39 - 71.45)                     |
| Region 3                              | 10.58               | (8.28 - 13.42)                        | 62.76               | (57.69 - 67.55)                       | 57.12             | (52.53 - 61.59)                     | 57.98             | (53.84 - 62.00)                     |
| Region 4                              | 12.57               | (9.58 - 16.33)                        | 61.69               | (54.92 - 68.03)                       | 60.08             | (54.40 - 65.49)                     | 60.26             | (54.95 - 65.34)                     |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 6 (Eastern)                    | 12.15               | (9.11 - 16.02)                        | *                   | (* - *)                               | 58.63             | (51.94 - 65.02)                     | 59.02             | (52.67 - 65.09)                     |
| <b>Pennsylvania</b>                   | 11.00               | (9.74 - 12.40)                        | 63.14               | (60.93 - 65.30)                       | 59.95             | (58.14 - 61.73)                     | 60.38             | (58.77 - 61.98)                     |
| Region 1 (Allegheny)                  | 10.56               | (8.22 - 13.47)                        | 62.47               | (56.48 - 68.11)                       | 63.97             | (59.54 - 68.18)                     | 63.79             | (59.66 - 67.72)                     |
| Regions 3, 8, 9, and 51               | 12.44               | (9.73 - 15.77)                        | 66.40               | (60.61 - 71.74)                       | 60.00             | (54.80 - 64.98)                     | 60.87             | (56.06 - 65.47)                     |
| Regions 4, 11, 37, and 49             | 11.66               | (9.20 - 14.67)                        | 63.16               | (56.58 - 69.28)                       | 61.82             | (56.96 - 66.45)                     | 62.00             | (57.44 - 66.36)                     |
| Regions 5, 18, 23, 24, and 46         | 9.72                | (7.43 - 12.64)                        | 55.35               | (49.02 - 61.52)                       | 50.41             | (45.13 - 55.67)                     | 51.04             | (46.11 - 55.95)                     |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 11.86               | (9.21 - 15.14)                        | 68.56               | (62.87 - 73.75)                       | 57.85             | (52.29 - 63.21)                     | 59.81             | (54.82 - 64.60)                     |
| Regions 7, 13, 20, and 33             | 11.29               | (9.24 - 13.73)                        | 67.01               | (62.49 - 71.24)                       | 67.37             | (63.81 - 70.73)                     | 67.32             | (64.05 - 70.43)                     |
| Regions 10, 15, 27, 32, 43, and 44    | 10.51               | (7.98 - 13.73)                        | *                   | (* - *)                               | 49.38             | (43.56 - 55.21)                     | 49.98             | (44.49 - 55.48)                     |
| Regions 17 and 21                     | 11.82               | (8.95 - 15.45)                        | *                   | (* - *)                               | 59.04             | (53.01 - 64.80)                     | 59.88             | (54.24 - 65.27)                     |
| Regions 19, 26, 28, and 42            | 10.42               | (8.28 - 13.04)                        | 60.05               | (54.68 - 65.19)                       | 56.59             | (52.24 - 60.84)                     | 57.04             | (52.99 - 60.99)                     |
| Regions 22, 38, 40, 41, and 48        | 12.33               | (9.68 - 15.57)                        | 63.52               | (57.02 - 69.55)                       | 59.14             | (53.87 - 64.21)                     | 59.63             | (54.65 - 64.42)                     |
| Regions 29 and 34                     | 11.46               | (8.92 - 14.62)                        | *                   | (* - *)                               | 60.31             | (54.64 - 65.73)                     | 60.23             | (54.86 - 65.37)                     |
| Regions 30 and 50                     | 11.06               | (8.65 - 14.04)                        | 61.88               | (55.34 - 68.02)                       | 55.21             | (49.97 - 60.33)                     | 56.04             | (51.11 - 60.86)                     |
| Region 36 (Philadelphia)              | 9.58                | (7.50 - 12.16)                        | 63.03               | (58.27 - 67.56)                       | 58.20             | (53.61 - 62.65)                     | 59.03             | (54.93 - 63.00)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 11.91               | (10.02 - 14.09)                       | 67.00               | (63.57 - 70.26)                       | 64.20             | (61.18 - 67.12)                     | 64.64             | (61.95 - 67.24)                     |
| Region 1: Southern Providence<br>County                   | 12.48               | (9.56 - 16.13)                        | 70.27               | (63.89 - 75.94)                       | 64.87             | (59.65 - 69.75)                     | 65.58             | (60.73 - 70.12)                     |
| Region 2: Northern Providence<br>County/Blackstone Valley | 12.44               | (9.62 - 15.94)                        | 63.43               | (56.88 - 69.52)                       | 61.29             | (55.79 - 66.51)                     | 61.56             | (56.43 - 66.45)                     |
| Region 3: Providence                                      | 8.84                | (6.60 - 11.73)                        | 62.68               | (56.35 - 68.59)                       | 54.89             | (49.08 - 60.58)                     | 56.95             | (51.86 - 61.90)                     |
| Region 4: Kent County                                     | 12.85               | (9.84 - 16.61)                        | 68.42               | (61.76 - 74.40)                       | 66.45             | (61.09 - 71.43)                     | 66.68             | (61.65 - 71.35)                     |
| Region 5: East Bay                                        | 13.08               | (9.88 - 17.13)                        | *                   | (* - *)                               | 66.33             | (60.30 - 71.88)                     | 66.88             | (61.24 - 72.07)                     |
| Region 6: Newport County                                  | 11.49               | (8.55 - 15.28)                        | *                   | (* - *)                               | 69.48             | (63.12 - 75.17)                     | 69.75             | (63.77 - 75.13)                     |
| Region 7: South County                                    | 12.86               | (9.75 - 16.77)                        | *                   | (* - *)                               | 71.25             | (65.82 - 76.13)                     | 71.24             | (66.18 - 75.83)                     |
| <b>South Carolina</b>                                     | 8.77                | (7.25 - 10.58)                        | 57.62               | (54.17 - 61.00)                       | 48.02             | (45.25 - 50.81)                     | 49.36             | (46.87 - 51.86)                     |
| Region 1                                                  | 8.95                | (6.88 - 11.57)                        | 53.95               | (48.62 - 59.19)                       | 43.46             | (38.89 - 48.14)                     | 44.93             | (40.76 - 49.16)                     |
| Region 2                                                  | 8.52                | (6.55 - 11.01)                        | 58.98               | (53.37 - 64.36)                       | 50.62             | (46.07 - 55.17)                     | 51.86             | (47.69 - 56.01)                     |
| Region 3                                                  | 8.60                | (6.48 - 11.34)                        | 52.12               | (45.43 - 58.73)                       | 44.55             | (39.69 - 49.52)                     | 45.52             | (40.93 - 50.19)                     |
| Region 4                                                  | 8.90                | (6.78 - 11.61)                        | 63.93               | (58.10 - 69.38)                       | 53.25             | (49.18 - 57.28)                     | 54.73             | (50.98 - 58.43)                     |
| <b>South Dakota</b>                                       | 11.01               | (9.27 - 13.02)                        | 66.52               | (63.43 - 69.47)                       | 62.54             | (59.80 - 65.21)                     | 63.13             | (60.70 - 65.50)                     |
| Region 1                                                  | 10.68               | (8.33 - 13.61)                        | 65.05               | (59.36 - 70.34)                       | 62.06             | (57.71 - 66.22)                     | 62.48             | (58.50 - 66.30)                     |
| Region 2                                                  | 10.34               | (7.73 - 13.70)                        | *                   | (* - *)                               | 59.15             | (52.80 - 65.21)                     | 58.85             | (52.85 - 64.60)                     |
| Region 3                                                  | 11.98               | (9.39 - 15.16)                        | 71.12               | (66.04 - 75.72)                       | 63.38             | (58.81 - 67.72)                     | 64.68             | (60.57 - 68.58)                     |
| Region 4                                                  | 11.74               | (8.98 - 15.21)                        | 68.49               | (62.25 - 74.13)                       | 62.29             | (56.48 - 67.76)                     | 63.28             | (57.97 - 68.29)                     |
| Region 5                                                  | 10.45               | (8.12 - 13.35)                        | 65.00               | (59.74 - 69.92)                       | 63.50             | (59.03 - 67.74)                     | 63.70             | (59.62 - 67.59)                     |
| <b>Tennessee</b>                                          | 8.51                | (7.02 - 10.29)                        | 51.81               | (48.43 - 55.18)                       | 46.16             | (43.36 - 48.99)                     | 46.96             | (44.44 - 49.48)                     |
| Region 1                                                  | 8.50                | (6.33 - 11.32)                        | *                   | (* - *)                               | 37.53             | (31.72 - 43.73)                     | 38.73             | (33.20 - 44.56)                     |
| Region 2                                                  | 8.74                | (6.51 - 11.63)                        | 51.12               | (44.49 - 57.71)                       | 44.40             | (39.39 - 49.53)                     | 45.28             | (40.56 - 50.08)                     |
| Region 3                                                  | 8.34                | (6.26 - 11.03)                        | 49.11               | (42.50 - 55.74)                       | 40.25             | (35.26 - 45.44)                     | 41.44             | (36.79 - 46.25)                     |
| Region 4 (Davidson)                                       | 7.81                | (5.71 - 10.60)                        | *                   | (* - *)                               | 53.96             | (47.74 - 60.07)                     | 54.64             | (48.76 - 60.40)                     |
| Region 5                                                  | 9.45                | (7.25 - 12.22)                        | 53.42               | (47.26 - 59.48)                       | 50.60             | (45.80 - 55.38)                     | 50.99             | (46.61 - 55.37)                     |
| Region 6                                                  | 8.75                | (6.42 - 11.82)                        | *                   | (* - *)                               | 41.74             | (35.69 - 48.05)                     | 43.22             | (37.51 - 49.12)                     |
| Region 7 (Shelby)                                         | 7.03                | (5.22 - 9.39)                         | 49.96               | (43.34 - 56.57)                       | 50.11             | (44.76 - 55.46)                     | 50.09             | (45.14 - 55.04)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 9.64                | (8.59 - 10.81)                        | 53.74               | (51.79 - 55.68)                       | 51.85             | (50.32 - 53.37)                     | 52.14             | (50.78 - 53.49)                     |
| Region 1                                                    | 10.58               | (8.11 - 13.70)                        | *                   | (* - *)                               | 53.54             | (48.25 - 58.76)                     | 54.23             | (49.23 - 59.14)                     |
| Region 2                                                    | 9.81                | (7.44 - 12.82)                        | *                   | (* - *)                               | 48.78             | (43.24 - 54.35)                     | 49.91             | (44.64 - 55.18)                     |
| Region 3                                                    | 8.91                | (7.51 - 10.54)                        | 52.81               | (49.53 - 56.06)                       | 52.18             | (49.73 - 54.61)                     | 52.27             | (50.06 - 54.46)                     |
| Region 3a                                                   | 8.49                | (6.80 - 10.55)                        | 52.94               | (48.76 - 57.09)                       | 51.50             | (48.38 - 54.60)                     | 51.71             | (48.91 - 54.49)                     |
| Region 3bc                                                  | 9.66                | (7.78 - 11.93)                        | 52.56               | (47.59 - 57.48)                       | 53.37             | (49.75 - 56.96)                     | 53.26             | (49.90 - 56.58)                     |
| Region 4                                                    | 9.48                | (7.37 - 12.13)                        | 49.29               | (42.98 - 55.61)                       | 44.57             | (39.78 - 49.46)                     | 45.22             | (40.74 - 49.78)                     |
| Region 5                                                    | 10.19               | (7.81 - 13.20)                        | *                   | (* - *)                               | 47.63             | (42.07 - 53.25)                     | 48.56             | (43.27 - 53.89)                     |
| Region 6                                                    | 9.89                | (8.23 - 11.84)                        | 52.30               | (48.46 - 56.11)                       | 53.40             | (50.58 - 56.19)                     | 53.23             | (50.67 - 55.78)                     |
| Region 6a                                                   | 9.94                | (8.17 - 12.05)                        | 52.31               | (48.16 - 56.43)                       | 53.35             | (50.33 - 56.35)                     | 53.19             | (50.46 - 55.91)                     |
| Region 6bc                                                  | 9.40                | (7.16 - 12.26)                        | *                   | (* - *)                               | 53.75             | (47.84 - 59.56)                     | 53.54             | (47.89 - 59.10)                     |
| Region 7                                                    | 9.88                | (8.16 - 11.91)                        | 60.72               | (56.65 - 64.65)                       | 57.23             | (54.05 - 60.34)                     | 57.83             | (54.90 - 60.70)                     |
| Region 7a                                                   | 10.22               | (8.11 - 12.81)                        | 61.29               | (55.77 - 66.53)                       | 61.21             | (57.15 - 65.11)                     | 61.22             | (57.43 - 64.88)                     |
| Region 7bcd                                                 | 9.25                | (7.17 - 11.84)                        | 59.96               | (54.12 - 65.53)                       | 49.78             | (44.85 - 54.72)                     | 51.86             | (47.37 - 56.32)                     |
| Region 8                                                    | 10.53               | (8.45 - 13.04)                        | 57.25               | (52.25 - 62.11)                       | 53.29             | (49.48 - 57.07)                     | 53.91             | (50.42 - 57.35)                     |
| Region 9                                                    | 10.60               | (8.14 - 13.69)                        | *                   | (* - *)                               | 52.95             | (46.58 - 59.21)                     | 53.34             | (47.29 - 59.29)                     |
| Region 10                                                   | 9.52                | (7.38 - 12.20)                        | 51.35               | (44.54 - 58.11)                       | 45.43             | (39.93 - 51.05)                     | 46.47             | (41.33 - 51.69)                     |
| Region 11                                                   | 9.30                | (7.56 - 11.38)                        | 45.52               | (40.90 - 50.21)                       | 43.68             | (39.80 - 47.64)                     | 44.00             | (40.44 - 47.62)                     |
| Region 11abd                                                | 9.34                | (7.25 - 11.96)                        | 45.51               | (39.68 - 51.47)                       | 44.47             | (39.55 - 49.51)                     | 44.65             | (40.10 - 49.29)                     |
| Region 11c (Hidalgo)                                        | 9.23                | (7.03 - 12.03)                        | 45.53               | (38.96 - 52.26)                       | 42.27             | (36.92 - 47.81)                     | 42.86             | (37.89 - 47.99)                     |
| <b>Utah</b>                                                 | 5.36                | (4.02 - 7.12)                         | 35.09               | (31.50 - 38.86)                       | 32.29             | (29.84 - 34.84)                     | 32.81             | (30.63 - 35.06)                     |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | 5.04                | (3.37 - 7.46)                         | *                   | (* - *)                               | 28.19             | (23.34 - 33.60)                     | 28.85             | (24.21 - 33.98)                     |
| Central, Four Corners, San<br>Juan, and Southwest           | 5.73                | (3.99 - 8.18)                         | 32.61               | (26.56 - 39.30)                       | 27.92             | (23.56 - 32.73)                     | 28.75             | (24.56 - 33.33)                     |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | 26.99             | (21.45 - 33.36)                     | 27.87             | (22.42 - 34.07)                     |
| Southwest                                                   | 5.63                | (3.73 - 8.40)                         | *                   | (* - *)                               | 28.49             | (23.17 - 34.48)                     | 29.29             | (24.18 - 34.98)                     |
| Davis County                                                | 5.07                | (3.39 - 7.52)                         | *                   | (* - *)                               | 31.23             | (25.82 - 37.20)                     | 31.32             | (26.22 - 36.91)                     |
| Salt Lake County                                            | 6.10                | (4.42 - 8.36)                         | 44.49               | (39.32 - 49.79)                       | 38.74             | (35.37 - 42.21)                     | 39.67             | (36.60 - 42.82)                     |
| Utah County                                                 | 3.97                | (2.64 - 5.94)                         | 25.82               | (20.71 - 31.69)                       | 23.02             | (19.03 - 27.58)                     | 23.73             | (20.16 - 27.72)                     |
| Weber, Morgan                                               | 5.92                | (3.97 - 8.73)                         | *                   | (* - *)                               | 33.85             | (28.36 - 39.82)                     | 34.47             | (29.31 - 40.04)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 13.57               | (11.51 - 15.93)                       | 71.39               | (67.94 - 74.61)                       | 64.50             | (61.45 - 67.42)                     | 65.52             | (62.81 - 68.14)                     |
| Champlain Valley                      | 13.62               | (10.89 - 16.90)                       | 75.93               | (71.42 - 79.93)                       | 67.72             | (63.55 - 71.62)                     | 69.15             | (65.45 - 72.62)                     |
| Rural Northeast                       | 13.82               | (10.82 - 17.49)                       | 70.62               | (64.09 - 76.41)                       | 64.25             | (58.76 - 69.39)                     | 65.13             | (60.03 - 69.90)                     |
| Rural Southeast                       | 14.05               | (10.90 - 17.92)                       | 66.34               | (59.84 - 72.27)                       | 63.38             | (58.28 - 68.21)                     | 63.73             | (58.97 - 68.24)                     |
| Rural Southwest                       | 12.38               | (9.50 - 15.98)                        | *                   | (* - *)                               | 58.40             | (52.75 - 63.84)                     | 59.14             | (53.82 - 64.25)                     |
| <b>Virginia</b>                       | 10.80               | (9.32 - 12.48)                        | 60.71               | (57.96 - 63.39)                       | 55.23             | (53.03 - 57.41)                     | 56.00             | (54.03 - 57.96)                     |
| Region 1                              | 10.90               | (8.55 - 13.81)                        | 63.08               | (57.23 - 68.57)                       | 55.19             | (50.55 - 59.73)                     | 56.43             | (52.18 - 60.58)                     |
| Region 2                              | 10.97               | (8.81 - 13.57)                        | 58.65               | (53.61 - 63.51)                       | 60.91             | (56.98 - 64.70)                     | 60.64             | (57.02 - 64.15)                     |
| Region 3                              | 11.86               | (9.37 - 14.89)                        | 59.64               | (54.43 - 64.63)                       | 44.21             | (39.95 - 48.56)                     | 46.47             | (42.54 - 50.46)                     |
| Region 4                              | 9.57                | (7.47 - 12.19)                        | 62.09               | (56.50 - 67.38)                       | 55.98             | (51.45 - 60.41)                     | 56.86             | (52.69 - 60.93)                     |
| Region 5                              | 10.71               | (8.55 - 13.33)                        | 60.79               | (55.84 - 65.53)                       | 55.61             | (51.68 - 59.47)                     | 56.42             | (52.83 - 59.95)                     |
| <b>Washington</b>                     | 9.27                | (7.66 - 11.19)                        | 57.40               | (54.08 - 60.66)                       | 61.09             | (58.09 - 64.00)                     | 60.58             | (57.89 - 63.21)                     |
| Region 1                              | 9.26                | (7.23 - 11.79)                        | 54.16               | (48.85 - 59.38)                       | 55.31             | (50.56 - 59.97)                     | 55.13             | (50.77 - 59.41)                     |
| Greater Columbia and North<br>Central | 8.29                | (6.13 - 11.11)                        | 49.44               | (42.85 - 56.05)                       | 50.86             | (44.91 - 56.79)                     | 50.62             | (45.20 - 56.03)                     |
| Spokane                               | 10.91               | (8.07 - 14.60)                        | *                   | (* - *)                               | 61.54             | (55.13 - 67.57)                     | 61.66             | (55.56 - 67.41)                     |
| Region 2                              | 9.12                | (7.23 - 11.45)                        | 60.14               | (55.70 - 64.42)                       | 64.26             | (60.60 - 67.76)                     | 63.73             | (60.37 - 66.95)                     |
| King                                  | 9.01                | (6.84 - 11.78)                        | 62.75               | (57.18 - 68.00)                       | 65.52             | (61.25 - 69.56)                     | 65.18             | (61.24 - 68.92)                     |
| North Sound                           | 9.30                | (6.91 - 12.41)                        | 55.89               | (49.27 - 62.30)                       | 61.97             | (56.30 - 67.33)                     | 61.14             | (55.84 - 66.19)                     |
| Region 3                              | 9.48                | (7.66 - 11.68)                        | 56.19               | (51.62 - 60.65)                       | 60.23             | (56.29 - 64.04)                     | 59.68             | (56.06 - 63.20)                     |
| Pierce                                | 8.59                | (6.39 - 11.46)                        | 53.42               | (46.92 - 59.81)                       | 60.13             | (54.69 - 65.33)                     | 59.15             | (54.12 - 64.00)                     |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| SW WA and Great Rivers                | 10.33               | (7.68 - 13.74)                        | *                   | (* - *)                               | 59.91             | (53.93 - 65.60)                     | 59.65             | (54.02 - 65.04)                     |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |

See notes at end of table.

(continued)



**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 10.53               | (8.83 - 12.52)                        | 55.98               | (52.60 - 59.29)                       | 40.42             | (37.56 - 43.35)                     | 42.43             | (39.85 - 45.06)                     |
| Region I                      | 11.62               | (8.65 - 15.46)                        | *                   | (* - *)                               | *                 | (* - *)                             | 45.47             | (39.07 - 52.02)                     |
| Region II                     | 11.00               | (8.40 - 14.28)                        | *                   | (* - *)                               | 49.36             | (43.50 - 55.24)                     | 50.52             | (44.97 - 56.05)                     |
| Region III                    | 10.39               | (7.74 - 13.82)                        | *                   | (* - *)                               | 37.98             | (32.12 - 44.22)                     | 39.46             | (33.83 - 45.38)                     |
| Region IV                     | 10.89               | (8.47 - 13.88)                        | 63.70               | (58.20 - 68.86)                       | 43.31             | (38.44 - 48.32)                     | 46.74             | (42.36 - 51.17)                     |
| Region V                      | 9.94                | (7.68 - 12.77)                        | 53.09               | (47.28 - 58.82)                       | 38.59             | (34.08 - 43.31)                     | 40.30             | (36.10 - 44.66)                     |
| Region VI                     | 10.28               | (7.87 - 13.32)                        | 45.60               | (39.39 - 51.96)                       | 33.01             | (28.49 - 37.86)                     | 34.43             | (30.14 - 38.98)                     |
| <b>Wisconsin</b>              | 11.71               | (9.89 - 13.81)                        | 69.26               | (66.28 - 72.08)                       | 66.56             | (63.78 - 69.22)                     | 66.94             | (64.47 - 69.32)                     |
| Milwaukee                     | 10.07               | (7.63 - 13.18)                        | 64.14               | (58.40 - 69.50)                       | 64.66             | (59.53 - 69.48)                     | 64.57             | (59.94 - 68.95)                     |
| Northeastern                  | 12.48               | (9.60 - 16.07)                        | 71.52               | (65.93 - 76.53)                       | 67.43             | (62.79 - 71.76)                     | 67.97             | (63.68 - 71.98)                     |
| Northern                      | 11.85               | (8.93 - 15.57)                        | *                   | (* - *)                               | 61.32             | (55.14 - 67.15)                     | 62.09             | (56.25 - 67.60)                     |
| Southeastern                  | 11.91               | (9.25 - 15.19)                        | 68.44               | (62.41 - 73.90)                       | 70.78             | (66.05 - 75.10)                     | 70.46             | (66.08 - 74.50)                     |
| Southern                      | 12.03               | (9.30 - 15.42)                        | 71.40               | (66.12 - 76.16)                       | 67.91             | (63.20 - 72.28)                     | 68.40             | (64.11 - 72.40)                     |
| Western                       | 11.76               | (8.97 - 15.27)                        | 71.86               | (65.95 - 77.10)                       | 62.43             | (56.45 - 68.05)                     | 63.87             | (58.42 - 68.98)                     |
| <b>Wyoming</b>                | 11.20               | (9.36 - 13.35)                        | 62.29               | (59.00 - 65.47)                       | 56.50             | (53.61 - 59.34)                     | 57.33             | (54.77 - 59.85)                     |
| Judicial District 1 (Laramie) | 11.31               | (8.56 - 14.79)                        | *                   | (* - *)                               | 56.79             | (51.62 - 61.82)                     | 57.32             | (52.48 - 62.03)                     |
| Judicial District 2           | 11.00               | (8.17 - 14.66)                        | 72.76               | (67.24 - 77.65)                       | 60.37             | (54.24 - 66.19)                     | 63.71             | (58.59 - 68.53)                     |
| Judicial District 3           | 10.25               | (7.74 - 13.46)                        | *                   | (* - *)                               | 49.35             | (43.59 - 55.12)                     | 50.09             | (44.68 - 55.51)                     |
| Judicial District 4           | 11.86               | (8.83 - 15.76)                        | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Judicial District 5           | 11.57               | (8.63 - 15.34)                        | *                   | (* - *)                               | 56.67             | (50.53 - 62.61)                     | 57.30             | (51.50 - 62.92)                     |
| Judicial District 6           | 11.77               | (8.93 - 15.36)                        | 61.06               | (54.55 - 67.20)                       | 57.82             | (52.04 - 63.39)                     | 58.27             | (52.92 - 63.43)                     |
| Judicial District 7 (Natrona) | 10.65               | (8.07 - 13.92)                        | *                   | (* - *)                               | 57.44             | (52.06 - 62.66)                     | 57.83             | (52.81 - 62.70)                     |
| Judicial District 8           | 11.88               | (8.87 - 15.73)                        | *                   | (* - *)                               | *                 | (* - *)                             | 53.19             | (46.73 - 59.55)                     |
| Judicial District 9           | 11.50               | (8.59 - 15.24)                        | *                   | (* - *)                               | 59.11             | (53.05 - 64.90)                     | 59.17             | (53.42 - 64.68)                     |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 6.10                | (5.85 - 6.37)                         | 32.68               | (32.07 - 33.29)                       | 24.97             | (24.59 - 25.35)                     | 26.08             | (25.73 - 26.43)                     |
| <b>Northeast</b>           | 5.64                | (5.18 - 6.13)                         | 32.30               | (31.21 - 33.40)                       | 23.63             | (22.83 - 24.44)                     | 24.84             | (24.13 - 25.56)                     |
| <b>Midwest</b>             | 7.19                | (6.73 - 7.68)                         | 36.93               | (36.00 - 37.87)                       | 27.93             | (27.18 - 28.70)                     | 29.23             | (28.58 - 29.90)                     |
| <b>South</b>               | 6.45                | (6.07 - 6.85)                         | 33.88               | (33.08 - 34.70)                       | 26.97             | (26.32 - 27.63)                     | 27.96             | (27.39 - 28.53)                     |
| <b>West</b>                | 4.91                | (4.48 - 5.37)                         | 27.35               | (26.30 - 28.41)                       | 20.14             | (19.40 - 20.91)                     | 21.20             | (20.54 - 21.87)                     |
| <b>Alabama</b>             | 8.22                | (6.84 - 9.86)                         | 40.01               | (36.79 - 43.31)                       | 30.89             | (28.58 - 33.29)                     | 32.19             | (30.05 - 34.40)                     |
| Region 1                   | 9.18                | (7.09 - 11.80)                        | 41.18               | (35.63 - 46.97)                       | 33.90             | (30.12 - 37.91)                     | 34.85             | (31.32 - 38.55)                     |
| Region 2                   | 7.72                | (5.91 - 10.02)                        | 42.33               | (37.14 - 47.69)                       | 30.27             | (26.81 - 33.97)                     | 32.03             | (28.82 - 35.41)                     |
| Region 3                   | 6.25                | (4.62 - 8.41)                         | 33.01               | (27.53 - 39.00)                       | 27.05             | (23.23 - 31.25)                     | 28.06             | (24.50 - 31.93)                     |
| Region 4                   | 9.25                | (7.12 - 11.94)                        | 42.18               | (36.46 - 48.12)                       | 30.89             | (26.98 - 35.10)                     | 32.39             | (28.76 - 36.25)                     |
| <b>Alaska</b>              | 10.31               | (8.58 - 12.34)                        | 41.25               | (37.98 - 44.59)                       | 31.70             | (29.35 - 34.15)                     | 33.19             | (31.07 - 35.39)                     |
| Anchorage                  | 8.09                | (6.30 - 10.33)                        | 35.68               | (31.37 - 40.23)                       | 27.58             | (24.75 - 30.61)                     | 28.87             | (26.29 - 31.59)                     |
| Northern                   | 12.08               | (9.19 - 15.73)                        | 45.94               | (39.89 - 52.11)                       | 39.56             | (35.02 - 44.28)                     | 40.72             | (36.69 - 44.88)                     |
| South Central              | 11.90               | (9.26 - 15.17)                        | 46.24               | (40.41 - 52.17)                       | 32.54             | (28.63 - 36.72)                     | 34.49             | (30.88 - 38.29)                     |
| Southeast                  | 10.82               | (8.07 - 14.35)                        | *                   | (* - *)                               | 29.72             | (25.06 - 34.84)                     | 31.09             | (26.68 - 35.88)                     |
| <b>Arizona</b>             | 5.09                | (4.01 - 6.42)                         | 30.83               | (27.75 - 34.10)                       | 22.84             | (20.73 - 25.10)                     | 24.01             | (22.07 - 26.05)                     |
| Central                    | 4.91                | (3.69 - 6.50)                         | 29.87               | (26.11 - 33.92)                       | 21.76             | (19.29 - 24.45)                     | 22.95             | (20.71 - 25.35)                     |
| North                      | 7.33                | (5.36 - 9.93)                         | *                   | (* - *)                               | 26.90             | (22.54 - 31.76)                     | 28.35             | (24.20 - 32.91)                     |
| South                      | 4.59                | (3.47 - 6.04)                         | 30.18               | (25.62 - 35.16)                       | 23.36             | (20.22 - 26.81)                     | 24.36             | (21.40 - 27.59)                     |
| South A                    | 4.19                | (2.99 - 5.84)                         | 29.62               | (24.26 - 35.61)                       | 21.48             | (18.05 - 25.37)                     | 22.67             | (19.44 - 26.27)                     |
| South B                    | 5.00                | (3.62 - 6.86)                         | *                   | (* - *)                               | 25.66             | (21.20 - 30.68)                     | 26.43             | (22.21 - 31.13)                     |
| <b>Arkansas</b>            | 8.70                | (7.26 - 10.39)                        | 39.38               | (36.06 - 42.80)                       | 35.50             | (32.98 - 38.10)                     | 36.05             | (33.75 - 38.42)                     |
| Catchment Area 1           | 5.92                | (4.30 - 8.10)                         | 33.38               | (27.79 - 39.48)                       | 28.30             | (24.45 - 32.50)                     | 29.11             | (25.58 - 32.92)                     |
| Catchment Area 2           | 12.53               | (9.38 - 16.55)                        | 43.48               | (37.06 - 50.12)                       | 39.93             | (34.78 - 45.30)                     | 40.37             | (35.62 - 45.31)                     |
| Catchment Area 3           | 8.85                | (6.63 - 11.73)                        | 37.92               | (31.72 - 44.55)                       | 36.63             | (31.85 - 41.68)                     | 36.82             | (32.45 - 41.41)                     |
| Catchment Area 4           | 9.23                | (6.98 - 12.12)                        | *                   | (* - *)                               | 36.82             | (31.98 - 41.94)                     | 37.37             | (32.86 - 42.11)                     |
| Catchment Area 5           | 8.76                | (6.65 - 11.46)                        | 38.34               | (32.61 - 44.40)                       | 35.11             | (30.59 - 39.91)                     | 35.63             | (31.52 - 39.96)                     |
| Catchment Area 6           | 9.34                | (6.93 - 12.46)                        | *                   | (* - *)                               | 39.08             | (33.98 - 44.42)                     | 39.54             | (34.78 - 44.50)                     |
| Catchment Area 7           | 9.16                | (6.93 - 12.02)                        | *                   | (* - *)                               | 38.94             | (33.65 - 44.51)                     | 39.39             | (34.45 - 44.55)                     |
| Catchment Area 8           | 8.38                | (6.26 - 11.11)                        | 42.19               | (35.72 - 48.94)                       | 34.83             | (30.39 - 39.54)                     | 35.79             | (31.65 - 40.16)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 4.02                | (3.44 - 4.70)                         | 23.82               | (22.27 - 25.44)                       | 17.86             | (16.85 - 18.92)                     | 18.76             | (17.84 - 19.70)                     |
| Region 1R                   | 6.58                | (4.96 - 8.69)                         | 34.42               | (28.74 - 40.59)                       | 25.97             | (22.10 - 30.25)                     | 27.17             | (23.53 - 31.14)                     |
| Region 2R                   | 5.14                | (3.81 - 6.88)                         | 28.31               | (23.26 - 33.97)                       | 19.44             | (16.41 - 22.88)                     | 20.78             | (17.89 - 23.99)                     |
| Region 3R (Sacramento)      | 4.42                | (3.33 - 5.86)                         | 23.90               | (19.63 - 28.76)                       | 20.46             | (17.66 - 23.57)                     | 20.96             | (18.37 - 23.81)                     |
| Region 4R                   | 3.91                | (2.95 - 5.16)                         | 26.63               | (21.58 - 32.37)                       | 18.03             | (15.26 - 21.19)                     | 19.14             | (16.46 - 22.14)                     |
| Region 5R (San Francisco)   | *                   | (* - *)                               | 24.43               | (19.28 - 30.43)                       | 16.09             | (13.19 - 19.48)                     | 16.92             | (14.08 - 20.19)                     |
| Region 6 (Santa Clara)      | 3.12                | (2.32 - 4.19)                         | 19.75               | (15.97 - 24.16)                       | 12.81             | (10.82 - 15.11)                     | 13.71             | (11.80 - 15.88)                     |
| Region 7R (Contra Costa)    | 3.76                | (2.80 - 5.04)                         | 24.01               | (19.60 - 29.05)                       | 16.29             | (13.75 - 19.19)                     | 17.31             | (14.87 - 20.06)                     |
| Region 8R (Alameda)         | 3.90                | (2.90 - 5.23)                         | 22.87               | (18.51 - 27.91)                       | 14.82             | (12.36 - 17.67)                     | 15.89             | (13.54 - 18.56)                     |
| Region 9R (San Mateo)       | 3.23                | (2.32 - 4.47)                         | 22.73               | (17.68 - 28.70)                       | 14.03             | (11.50 - 16.99)                     | 15.01             | (12.51 - 17.89)                     |
| Region 10                   | 3.93                | (2.88 - 5.35)                         | 25.36               | (20.43 - 31.02)                       | 17.93             | (14.90 - 21.42)                     | 19.15             | (16.23 - 22.46)                     |
| Region 11 (Los Angeles)     | 3.91                | (3.24 - 4.71)                         | 22.42               | (20.36 - 24.62)                       | 16.34             | (15.04 - 17.72)                     | 17.25             | (16.06 - 18.52)                     |
| LA SPA 1 and 5              | 3.80                | (2.82 - 5.11)                         | 23.35               | (18.94 - 28.42)                       | 16.40             | (13.77 - 19.42)                     | 17.44             | (14.94 - 20.27)                     |
| LA SPA 2                    | 4.19                | (3.13 - 5.58)                         | 22.53               | (18.53 - 27.11)                       | 15.74             | (13.40 - 18.40)                     | 16.69             | (14.48 - 19.15)                     |
| LA SPA 3                    | 3.55                | (2.64 - 4.74)                         | 20.45               | (16.50 - 25.06)                       | 14.13             | (11.74 - 16.92)                     | 15.06             | (12.78 - 17.67)                     |
| LA SPA 4                    | 4.21                | (3.08 - 5.72)                         | 22.52               | (17.92 - 27.89)                       | 18.09             | (15.12 - 21.49)                     | 18.68             | (15.88 - 21.85)                     |
| LA SPA 6                    | 4.25                | (3.10 - 5.81)                         | 23.34               | (18.73 - 28.67)                       | 20.36             | (16.95 - 24.26)                     | 20.94             | (17.81 - 24.45)                     |
| LA SPA 7                    | 3.66                | (2.70 - 4.96)                         | 23.02               | (18.54 - 28.21)                       | 15.39             | (12.65 - 18.59)                     | 16.66             | (14.05 - 19.63)                     |
| LA SPA 8                    | 3.79                | (2.85 - 5.01)                         | 22.50               | (18.30 - 27.34)                       | 16.79             | (14.22 - 19.72)                     | 17.61             | (15.15 - 20.37)                     |
| Region 12R                  | 4.17                | (3.08 - 5.63)                         | 23.98               | (19.17 - 29.55)                       | 22.72             | (19.09 - 26.80)                     | 22.91             | (19.55 - 26.66)                     |
| Regions 13 and 19R          | 3.85                | (2.92 - 5.07)                         | 20.65               | (17.21 - 24.58)                       | 19.50             | (16.83 - 22.48)                     | 19.69             | (17.26 - 22.36)                     |
| Region 14 (Orange)          | 3.85                | (2.93 - 5.05)                         | 23.44               | (19.49 - 27.91)                       | 15.25             | (12.99 - 17.81)                     | 16.43             | (14.31 - 18.79)                     |
| Region 15R (Fresno)         | 4.06                | (3.00 - 5.47)                         | 23.98               | (19.29 - 29.39)                       | 20.72             | (17.44 - 24.42)                     | 21.28             | (18.24 - 24.69)                     |
| Region 16R (San Diego)      | 4.13                | (3.17 - 5.35)                         | 25.44               | (21.42 - 29.94)                       | 18.42             | (15.99 - 21.11)                     | 19.51             | (17.26 - 21.97)                     |
| Region 17R                  | 4.21                | (3.16 - 5.59)                         | 25.88               | (21.57 - 30.71)                       | 23.26             | (20.13 - 26.72)                     | 23.71             | (20.86 - 26.82)                     |
| Region 18R (San Bernardino) | 3.91                | (2.95 - 5.16)                         | 23.87               | (19.86 - 28.39)                       | 21.52             | (18.53 - 24.84)                     | 21.92             | (19.23 - 24.87)                     |
| Region 20R                  | 4.04                | (3.01 - 5.40)                         | 24.31               | (19.68 - 29.64)                       | 21.72             | (18.30 - 25.58)                     | 22.15             | (18.99 - 25.67)                     |
| Region 21R                  | 4.62                | (3.45 - 6.17)                         | 25.45               | (20.46 - 31.18)                       | 19.07             | (15.93 - 22.66)                     | 20.12             | (17.09 - 23.54)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 5.76                | (4.64 - 7.14)                         | 34.68               | (31.51 - 37.99)                       | 22.24             | (20.17 - 24.46)                     | 24.03             | (22.10 - 26.08)                     |
| Region 1                                  | 6.92                | (5.04 - 9.44)                         | 37.99               | (31.95 - 44.43)                       | 21.06             | (17.76 - 24.78)                     | 23.50             | (20.39 - 26.93)                     |
| Region 2                                  | 5.21                | (3.76 - 7.18)                         | *                   | (* - *)                               | 24.54             | (20.36 - 29.27)                     | 26.03             | (22.02 - 30.48)                     |
| Region 3                                  | 5.78                | (4.34 - 7.68)                         | 32.87               | (27.93 - 38.23)                       | 22.52             | (19.24 - 26.19)                     | 23.96             | (20.90 - 27.32)                     |
| Region 4                                  | 5.51                | (4.00 - 7.54)                         | *                   | (* - *)                               | 27.72             | (23.18 - 32.77)                     | 28.99             | (24.66 - 33.74)                     |
| Region 5                                  | 4.63                | (3.35 - 6.36)                         | 32.50               | (26.83 - 38.74)                       | 22.60             | (18.85 - 26.85)                     | 23.94             | (20.39 - 27.90)                     |
| Region 6                                  | 5.53                | (4.05 - 7.50)                         | 34.18               | (28.55 - 40.31)                       | 18.98             | (15.97 - 22.40)                     | 21.13             | (18.26 - 24.32)                     |
| Region 7                                  | 6.00                | (4.42 - 8.10)                         | *                   | (* - *)                               | 22.95             | (19.33 - 27.01)                     | 24.98             | (21.51 - 28.80)                     |
| <b>Connecticut</b>                        | 5.58                | (4.47 - 6.94)                         | 35.40               | (32.04 - 38.90)                       | 22.01             | (19.84 - 24.33)                     | 23.87             | (21.86 - 26.01)                     |
| Eastern                                   | 6.69                | (4.83 - 9.18)                         | *                   | (* - *)                               | 26.88             | (22.63 - 31.61)                     | 28.85             | (24.85 - 33.20)                     |
| North Central                             | 5.27                | (3.85 - 7.17)                         | 39.61               | (33.96 - 45.55)                       | 21.76             | (18.61 - 25.28)                     | 24.15             | (21.18 - 27.39)                     |
| Northwestern                              | 5.89                | (4.32 - 8.00)                         | 35.18               | (29.33 - 41.52)                       | 21.91             | (18.42 - 25.86)                     | 23.59             | (20.28 - 27.26)                     |
| South Central                             | 6.00                | (4.42 - 8.09)                         | 33.60               | (28.05 - 39.65)                       | 22.85             | (19.32 - 26.80)                     | 24.37             | (21.08 - 27.99)                     |
| Southwest                                 | 4.72                | (3.45 - 6.42)                         | 29.43               | (23.98 - 35.54)                       | 18.43             | (15.23 - 22.13)                     | 19.91             | (16.85 - 23.38)                     |
| <b>Delaware</b>                           | 5.34                | (4.29 - 6.62)                         | 33.25               | (30.22 - 36.44)                       | 24.82             | (22.57 - 27.22)                     | 25.96             | (23.90 - 28.15)                     |
| Kent                                      | 5.97                | (4.43 - 8.00)                         | 33.49               | (28.10 - 39.35)                       | 26.98             | (23.09 - 31.26)                     | 27.97             | (24.39 - 31.87)                     |
| New Castle (excluding<br>Wilmington City) | 4.94                | (3.73 - 6.51)                         | 31.61               | (27.75 - 35.75)                       | 21.94             | (19.28 - 24.86)                     | 23.34             | (20.92 - 25.96)                     |
| Sussex                                    | 6.16                | (4.58 - 8.25)                         | 36.94               | (30.99 - 43.31)                       | 27.64             | (23.70 - 31.95)                     | 28.59             | (24.86 - 32.63)                     |
| Wilmington City                           | 4.39                | (3.14 - 6.10)                         | *                   | (* - *)                               | 29.85             | (24.95 - 35.26)                     | 30.69             | (26.08 - 35.72)                     |
| <b>District of Columbia</b>               | 4.85                | (3.76 - 6.23)                         | 30.50               | (27.21 - 34.00)                       | 23.57             | (21.38 - 25.90)                     | 24.75             | (22.72 - 26.91)                     |
| Ward 1                                    | *                   | (* - *)                               | 25.36               | (20.22 - 31.30)                       | 22.35             | (18.28 - 27.03)                     | 22.89             | (19.11 - 27.15)                     |
| Ward 2                                    | *                   | (* - *)                               | 28.00               | (22.51 - 34.23)                       | 21.40             | (17.72 - 25.61)                     | 23.09             | (19.64 - 26.95)                     |
| Ward 3                                    | 6.69                | (4.78 - 9.28)                         | 27.64               | (21.95 - 34.16)                       | 17.98             | (14.73 - 21.76)                     | 19.57             | (16.45 - 23.12)                     |
| Ward 4                                    | 5.53                | (3.95 - 7.70)                         | *                   | (* - *)                               | 20.79             | (17.18 - 24.92)                     | 22.06             | (18.52 - 26.06)                     |
| Ward 5                                    | 4.69                | (3.31 - 6.61)                         | *                   | (* - *)                               | 25.12             | (21.03 - 29.70)                     | 27.01             | (23.11 - 31.29)                     |
| Ward 6                                    | 4.28                | (2.98 - 6.13)                         | 27.86               | (22.85 - 33.50)                       | 20.52             | (17.12 - 24.39)                     | 21.43             | (18.21 - 25.04)                     |
| Ward 7                                    | 3.90                | (2.70 - 5.60)                         | 33.70               | (27.69 - 40.29)                       | 29.31             | (24.82 - 34.24)                     | 30.03             | (25.86 - 34.55)                     |
| Ward 8                                    | 4.37                | (3.07 - 6.19)                         | *                   | (* - *)                               | 33.71             | (29.00 - 38.77)                     | 34.05             | (29.68 - 38.70)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 4.91                | (4.22 - 5.69)                         | 27.71               | (26.00 - 29.50)                       | 22.54             | (21.26 - 23.87)                     | 23.19             | (22.03 - 24.38)                     |
| Broward (Circuit 17)                                                    | 3.66                | (2.78 - 4.82)                         | 25.18               | (21.03 - 29.85)                       | 19.48             | (16.69 - 22.61)                     | 20.17             | (17.53 - 23.10)                     |
| Central I                                                               | 4.35                | (3.51 - 5.39)                         | 24.13               | (21.17 - 27.36)                       | 20.86             | (18.67 - 23.23)                     | 21.32             | (19.36 - 23.43)                     |
| Circuit 9                                                               | 3.52                | (2.64 - 4.68)                         | 20.98               | (17.67 - 24.72)                       | 18.82             | (16.27 - 21.66)                     | 19.16             | (16.88 - 21.65)                     |
| Circuit 18                                                              | 5.69                | (4.38 - 7.36)                         | 30.17               | (25.09 - 35.78)                       | 23.71             | (20.38 - 27.40)                     | 24.50             | (21.41 - 27.87)                     |
| Central II                                                              | 5.21                | (4.36 - 6.21)                         | 31.17               | (28.56 - 33.91)                       | 24.18             | (22.39 - 26.06)                     | 24.96             | (23.30 - 26.70)                     |
| Circuit 6                                                               | 6.10                | (4.67 - 7.94)                         | 31.03               | (26.00 - 36.55)                       | 26.74             | (23.32 - 30.46)                     | 27.18             | (23.99 - 30.62)                     |
| Circuit 10                                                              | 5.28                | (3.96 - 7.00)                         | 33.52               | (28.28 - 39.19)                       | 27.66             | (23.80 - 31.87)                     | 28.39             | (24.79 - 32.29)                     |
| Circuit 12                                                              | 5.48                | (4.11 - 7.27)                         | 33.48               | (27.57 - 39.96)                       | 21.10             | (17.84 - 24.76)                     | 22.26             | (19.14 - 25.74)                     |
| Circuit 13 (Hillsborough)                                               | 4.49                | (3.40 - 5.91)                         | 29.69               | (25.45 - 34.30)                       | 24.61             | (21.42 - 28.09)                     | 25.32             | (22.39 - 28.49)                     |
| Circuit 20                                                              | 4.89                | (3.62 - 6.57)                         | 30.35               | (24.98 - 36.32)                       | 20.76             | (17.48 - 24.47)                     | 21.73             | (18.59 - 25.23)                     |
| Northeast                                                               | 6.14                | (5.10 - 7.37)                         | 31.95               | (28.77 - 35.31)                       | 25.80             | (23.59 - 28.14)                     | 26.59             | (24.54 - 28.75)                     |
| Circuit 4                                                               | 5.80                | (4.38 - 7.66)                         | 31.75               | (26.39 - 37.64)                       | 25.52             | (21.96 - 29.44)                     | 26.37             | (23.04 - 30.00)                     |
| Circuit 5                                                               | 6.31                | (4.84 - 8.19)                         | 32.74               | (27.17 - 38.85)                       | 25.52             | (21.91 - 29.51)                     | 26.21             | (22.78 - 29.95)                     |
| Circuit 7                                                               | 6.19                | (4.70 - 8.12)                         | 35.59               | (29.97 - 41.63)                       | 24.94             | (21.27 - 29.00)                     | 26.17             | (22.70 - 29.96)                     |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | 6.54                | (4.92 - 8.65)                         | 27.94               | (22.54 - 34.05)                       | 28.66             | (24.26 - 33.50)                     | 28.50             | (24.46 - 32.92)                     |
| Northwest                                                               | 6.77                | (5.51 - 8.30)                         | 30.65               | (27.37 - 34.13)                       | 26.30             | (23.70 - 29.07)                     | 26.99             | (24.67 - 29.44)                     |
| Circuit 1                                                               | 6.33                | (4.78 - 8.34)                         | 29.87               | (24.96 - 35.28)                       | 24.60             | (20.99 - 28.60)                     | 25.35             | (22.05 - 28.96)                     |
| Circuit 2 plus Madison and<br>Taylor                                    | 6.43                | (4.83 - 8.51)                         | 29.48               | (24.70 - 34.75)                       | 25.62             | (21.77 - 29.89)                     | 26.42             | (23.01 - 30.14)                     |
| Circuit 14                                                              | *                   | (* - *)                               | 35.73               | (29.67 - 42.27)                       | 31.15             | (26.45 - 36.27)                     | 31.72             | (27.35 - 36.45)                     |
| South (Circuits 11 and 16)                                              | 3.23                | (2.38 - 4.37)                         | 18.08               | (14.88 - 21.80)                       | 16.54             | (14.29 - 19.07)                     | 16.74             | (14.69 - 19.03)                     |
| Southeast                                                               | 4.75                | (3.79 - 5.93)                         | 29.43               | (25.68 - 33.49)                       | 22.22             | (19.69 - 24.98)                     | 23.02             | (20.65 - 25.58)                     |
| Circuit 15 (Palm Beach)                                                 | 4.42                | (3.35 - 5.82)                         | 29.09               | (24.48 - 34.17)                       | 20.77             | (17.70 - 24.21)                     | 21.70             | (18.81 - 24.89)                     |
| Circuit 19                                                              | 5.44                | (4.10 - 7.20)                         | 30.23               | (24.58 - 36.55)                       | 25.41             | (21.74 - 29.47)                     | 25.93             | (22.45 - 29.76)                     |
| <b>Georgia</b>                                                          | 6.46                | (5.41 - 7.69)                         | 33.47               | (30.99 - 36.05)                       | 26.49             | (24.66 - 28.39)                     | 27.52             | (25.87 - 29.23)                     |
| Region 1                                                                | 6.69                | (5.19 - 8.59)                         | 34.82               | (30.24 - 39.69)                       | 25.43             | (22.60 - 28.47)                     | 26.67             | (24.08 - 29.44)                     |
| Region 2                                                                | 7.00                | (5.34 - 9.13)                         | 32.03               | (26.90 - 37.64)                       | 28.74             | (25.11 - 32.66)                     | 29.28             | (25.99 - 32.79)                     |
| Region 3                                                                | 4.90                | (3.77 - 6.35)                         | 30.06               | (26.30 - 34.11)                       | 22.16             | (19.45 - 25.12)                     | 23.29             | (20.82 - 25.95)                     |
| Region 4                                                                | 8.18                | (6.07 - 10.94)                        | *                   | (* - *)                               | 33.64             | (28.99 - 38.63)                     | 34.03             | (29.70 - 38.65)                     |
| Region 5                                                                | 7.70                | (5.80 - 10.14)                        | 35.90               | (30.54 - 41.64)                       | 31.66             | (27.48 - 36.17)                     | 32.36             | (28.54 - 36.42)                     |
| Region 6                                                                | 7.15                | (5.48 - 9.28)                         | 36.30               | (30.92 - 42.05)                       | 28.51             | (24.75 - 32.59)                     | 29.68             | (26.23 - 33.38)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 4.33                | (3.37 - 5.56)                         | 28.03               | (24.90 - 31.38)                       | 19.31             | (17.27 - 21.52)                     | 20.44             | (18.56 - 22.46)                     |
| Hawaii Island                   | 4.36                | (3.16 - 5.98)                         | 28.64               | (23.26 - 34.70)                       | 21.90             | (18.23 - 26.08)                     | 22.74             | (19.24 - 26.66)                     |
| Honolulu                        | 4.18                | (3.12 - 5.58)                         | 27.47               | (23.84 - 31.43)                       | 18.31             | (16.05 - 20.81)                     | 19.55             | (17.46 - 21.82)                     |
| Kauai                           | 5.33                | (3.78 - 7.46)                         | *                   | (* - *)                               | 21.68             | (17.66 - 26.33)                     | 22.93             | (19.04 - 27.36)                     |
| Maui                            | 4.75                | (3.37 - 6.64)                         | *                   | (* - *)                               | 21.34             | (17.61 - 25.60)                     | 22.27             | (18.70 - 26.31)                     |
| <b>Idaho</b>                    | 6.87                | (5.57 - 8.45)                         | 31.90               | (28.88 - 35.09)                       | 22.24             | (20.24 - 24.38)                     | 23.64             | (21.78 - 25.61)                     |
| Region 1                        | 10.32               | (7.48 - 14.08)                        | *                   | (* - *)                               | 25.10             | (21.11 - 29.55)                     | 26.80             | (23.02 - 30.95)                     |
| Region 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 23.35             | (19.25 - 28.02)                     | 24.93             | (20.98 - 29.34)                     |
| Region 3                        | 5.75                | (4.23 - 7.76)                         | 29.60               | (24.53 - 35.22)                       | 23.12             | (19.67 - 26.97)                     | 24.05             | (20.84 - 27.59)                     |
| Region 4                        | 7.48                | (5.58 - 9.98)                         | 36.54               | (31.57 - 41.82)                       | 21.49             | (18.57 - 24.74)                     | 23.47             | (20.73 - 26.45)                     |
| Region 5                        | 5.67                | (4.11 - 7.78)                         | 31.45               | (25.93 - 37.55)                       | 23.88             | (20.10 - 28.13)                     | 24.93             | (21.39 - 28.85)                     |
| Region 6                        | 6.21                | (4.51 - 8.50)                         | *                   | (* - *)                               | 21.73             | (17.81 - 26.25)                     | 22.99             | (19.21 - 27.27)                     |
| Region 7                        | 5.07                | (3.56 - 7.17)                         | 23.80               | (19.00 - 29.37)                       | 18.32             | (15.11 - 22.03)                     | 19.32             | (16.35 - 22.69)                     |
| <b>Illinois</b>                 | 6.05                | (5.20 - 7.03)                         | 33.37               | (31.27 - 35.53)                       | 24.33             | (22.89 - 25.84)                     | 25.62             | (24.30 - 26.98)                     |
| Region 1 (Cook)                 | 4.68                | (3.82 - 5.73)                         | 30.09               | (27.36 - 32.96)                       | 21.45             | (19.68 - 23.34)                     | 22.64             | (21.01 - 24.37)                     |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 20.91             | (17.43 - 24.88)                     | 21.87             | (18.47 - 25.68)                     |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 21.94             | (18.00 - 26.45)                     | 22.82             | (19.08 - 27.04)                     |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | *                   | (* - *)                               | 20.37             | (16.82 - 24.44)                     | 21.64             | (18.21 - 25.50)                     |
| Region 1.4 (West Side)          | 4.67                | (3.37 - 6.44)                         | 28.18               | (22.61 - 34.51)                       | 26.06             | (21.75 - 30.90)                     | 26.41             | (22.40 - 30.85)                     |
| Region 1.5 (South Side)         | 4.23                | (3.08 - 5.79)                         | 32.92               | (26.91 - 39.54)                       | 25.48             | (21.44 - 29.99)                     | 26.61             | (22.84 - 30.75)                     |
| Region 1.6 (Southwest Side)     | 4.79                | (3.50 - 6.53)                         | 31.10               | (25.38 - 37.46)                       | 25.67             | (21.58 - 30.23)                     | 26.57             | (22.75 - 30.77)                     |
| Region 1.7 (Suburban Cook)      | 4.60                | (3.51 - 6.00)                         | 30.03               | (26.02 - 34.37)                       | 19.28             | (16.87 - 21.95)                     | 20.67             | (18.42 - 23.12)                     |
| Region 2                        | 5.54                | (4.58 - 6.69)                         | 31.36               | (28.40 - 34.48)                       | 21.84             | (19.97 - 23.84)                     | 23.20             | (21.47 - 25.03)                     |
| Region 2a (DuPage)              | 4.91                | (3.66 - 6.56)                         | 27.83               | (22.77 - 33.53)                       | 16.59             | (13.94 - 19.63)                     | 18.09             | (15.54 - 20.97)                     |
| Region 2b                       | 5.36                | (4.21 - 6.79)                         | 29.95               | (25.85 - 34.40)                       | 21.18             | (18.70 - 23.88)                     | 22.46             | (20.16 - 24.93)                     |
| Region 2c (Winnebago)           | 6.49                | (4.80 - 8.72)                         | *                   | (* - *)                               | 30.07             | (25.60 - 34.94)                     | 31.11             | (26.88 - 35.68)                     |
| Region 2d                       | 6.77                | (5.12 - 8.90)                         | 37.67               | (32.04 - 43.65)                       | 27.93             | (24.03 - 32.19)                     | 29.40             | (25.78 - 33.31)                     |
| Region 3                        | 8.37                | (6.71 - 10.40)                        | 38.21               | (34.05 - 42.55)                       | 31.29             | (28.01 - 34.76)                     | 32.42             | (29.52 - 35.47)                     |
| Region 3a (Champaign)           | *                   | (* - *)                               | 33.49               | (27.50 - 40.06)                       | 23.98             | (20.08 - 28.38)                     | 26.63             | (22.94 - 30.68)                     |
| Region 3b                       | 8.54                | (6.74 - 10.76)                        | 39.77               | (34.84 - 44.91)                       | 32.33             | (28.70 - 36.18)                     | 33.40             | (30.13 - 36.84)                     |
| Region 4                        | 9.36                | (7.37 - 11.82)                        | 42.13               | (36.67 - 47.79)                       | 31.33             | (27.97 - 34.89)                     | 32.79             | (29.61 - 36.14)                     |
| Region 4a (Sangamon)            | *                   | (* - *)                               | *                   | (* - *)                               | 28.87             | (24.40 - 33.79)                     | 29.94             | (25.68 - 34.56)                     |
| Region 4b                       | 9.89                | (7.57 - 12.82)                        | 43.36               | (36.94 - 50.02)                       | 32.04             | (28.11 - 36.23)                     | 33.60             | (29.90 - 37.52)                     |
| Region 5                        | 9.05                | (7.29 - 11.18)                        | 41.12               | (36.42 - 45.99)                       | 31.70             | (28.46 - 35.13)                     | 32.99             | (29.98 - 36.15)                     |
| Region 5a                       | 7.03                | (5.24 - 9.36)                         | *                   | (* - *)                               | 27.71             | (23.52 - 32.33)                     | 29.12             | (25.18 - 33.41)                     |
| Region 5b                       | 10.83               | (8.36 - 13.92)                        | 43.47               | (37.49 - 49.65)                       | 34.89             | (30.62 - 39.41)                     | 36.07             | (32.14 - 40.20)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 8.31                | (6.91 - 9.98)                         | 40.70               | (37.58 - 43.89)                       | 30.63             | (28.28 - 33.10)                     | 32.15             | (30.00 - 34.36)                     |
| Central                                     | 6.49                | (4.89 - 8.57)                         | 36.69               | (31.85 - 41.83)                       | 24.30             | (21.12 - 27.78)                     | 26.02             | (23.07 - 29.20)                     |
| East                                        | 10.45               | (7.82 - 13.82)                        | *                   | (* - *)                               | 34.79             | (29.62 - 40.33)                     | 35.82             | (31.08 - 40.86)                     |
| North Central                               | 8.23                | (6.17 - 10.90)                        | 42.54               | (36.04 - 49.31)                       | 32.85             | (28.40 - 37.62)                     | 34.25             | (30.12 - 38.63)                     |
| Northeast                                   | 8.15                | (6.02 - 10.95)                        | *                   | (* - *)                               | 29.22             | (24.95 - 33.89)                     | 30.96             | (26.99 - 35.24)                     |
| Northwest                                   | 6.99                | (5.19 - 9.34)                         | *                   | (* - *)                               | 31.42             | (26.65 - 36.61)                     | 32.68             | (28.24 - 37.45)                     |
| Southeast                                   | 10.95               | (8.35 - 14.22)                        | *                   | (* - *)                               | 34.78             | (29.87 - 40.03)                     | 36.18             | (31.55 - 41.08)                     |
| Southwest                                   | *                   | (* - *)                               | 42.79               | (36.26 - 49.59)                       | 32.54             | (27.68 - 37.82)                     | 33.96             | (29.45 - 38.79)                     |
| West                                        | 10.33               | (7.75 - 13.64)                        | 40.92               | (34.42 - 47.74)                       | 35.13             | (29.99 - 40.63)                     | 36.39             | (31.82 - 41.22)                     |
| <b>Iowa</b>                                 | 7.32                | (6.00 - 8.92)                         | 37.87               | (34.56 - 41.29)                       | 28.10             | (25.84 - 30.46)                     | 29.58             | (27.51 - 31.74)                     |
| Central                                     | 6.56                | (4.88 - 8.75)                         | 35.55               | (29.77 - 41.78)                       | 26.16             | (22.33 - 30.38)                     | 27.50             | (23.93 - 31.38)                     |
| North Central                               | 6.81                | (4.94 - 9.33)                         | 32.43               | (26.72 - 38.71)                       | 27.21             | (23.00 - 31.88)                     | 28.20             | (24.37 - 32.37)                     |
| Northeast                                   | 7.65                | (5.79 - 10.04)                        | 37.44               | (32.11 - 43.09)                       | 27.78             | (24.25 - 31.61)                     | 29.25             | (26.00 - 32.72)                     |
| Northwest                                   | 7.73                | (5.76 - 10.30)                        | 39.47               | (33.30 - 45.99)                       | 30.17             | (25.74 - 34.99)                     | 31.45             | (27.33 - 35.89)                     |
| Southeast                                   | 7.45                | (5.63 - 9.80)                         | 40.18               | (34.21 - 46.46)                       | 28.23             | (24.55 - 32.22)                     | 30.14             | (26.75 - 33.77)                     |
| Southwest                                   | 7.65                | (5.63 - 10.31)                        | *                   | (* - *)                               | 29.82             | (25.37 - 34.69)                     | 31.64             | (27.42 - 36.19)                     |
| <b>Kansas</b>                               | 6.94                | (5.67 - 8.47)                         | 33.71               | (30.65 - 36.91)                       | 25.76             | (23.54 - 28.12)                     | 26.98             | (24.96 - 29.11)                     |
| Northeast                                   | 6.08                | (4.68 - 7.88)                         | 31.12               | (27.26 - 35.27)                       | 22.03             | (19.36 - 24.94)                     | 23.50             | (21.08 - 26.11)                     |
| Northwest and North Central                 | 8.75                | (6.43 - 11.80)                        | *                   | (* - *)                               | 30.34             | (25.31 - 35.90)                     | 31.61             | (26.84 - 36.81)                     |
| South Central                               | 7.50                | (5.72 - 9.77)                         | 36.39               | (31.29 - 41.82)                       | 28.82             | (25.35 - 32.56)                     | 29.93             | (26.74 - 33.32)                     |
| Southeast                                   | 10.71               | (7.86 - 14.45)                        | *                   | (* - *)                               | 31.86             | (26.67 - 37.54)                     | 32.68             | (27.84 - 37.92)                     |
| Southwest                                   | 4.99                | (3.58 - 6.90)                         | *                   | (* - *)                               | 28.02             | (23.32 - 33.26)                     | 28.75             | (24.34 - 33.61)                     |
| <b>Kentucky</b>                             | 10.31               | (8.70 - 12.17)                        | 44.56               | (41.20 - 47.98)                       | 36.72             | (34.23 - 39.28)                     | 37.83             | (35.58 - 40.14)                     |
| Adanta, Cumberland River,<br>and Lifeskills | 13.35               | (10.37 - 17.03)                       | 48.61               | (42.25 - 55.01)                       | 40.06             | (35.40 - 44.90)                     | 41.29             | (37.05 - 45.67)                     |
| Bluegrass, Comprehend, and<br>North Key     | 8.43                | (6.52 - 10.83)                        | 41.59               | (36.43 - 46.94)                       | 32.81             | (29.04 - 36.80)                     | 34.12             | (30.70 - 37.71)                     |
| Centerstone                                 | 8.13                | (6.29 - 10.43)                        | 42.90               | (37.17 - 48.82)                       | 33.07             | (29.13 - 37.27)                     | 34.39             | (30.79 - 38.17)                     |
| Communicare and River Valley                | 10.44               | (7.92 - 13.64)                        | *                   | (* - *)                               | 41.24             | (35.79 - 46.90)                     | 41.86             | (36.83 - 47.06)                     |
| Four Rivers and Pennyroyal                  | 11.13               | (8.37 - 14.66)                        | 42.88               | (36.32 - 49.69)                       | 37.95             | (32.86 - 43.32)                     | 38.68             | (33.99 - 43.58)                     |
| Kentucky River, Mountain,<br>and Pathways   | 14.73               | (11.34 - 18.92)                       | *                   | (* - *)                               | 43.59             | (38.41 - 48.92)                     | 44.51             | (39.73 - 49.39)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 8.13                | (6.77 - 9.74)                         | 37.92               | (34.73 - 41.22)                       | 32.23             | (29.88 - 34.68)                     | 33.07             | (30.93 - 35.28)                     |
| Regions 1 and 10      | 6.27                | (4.89 - 8.01)                         | 33.67               | (28.63 - 39.11)                       | 27.85             | (24.38 - 31.61)                     | 28.66             | (25.41 - 32.14)                     |
| Region 1              | 6.83                | (5.09 - 9.12)                         | *                   | (* - *)                               | 28.93             | (24.37 - 33.97)                     | 29.77             | (25.49 - 34.44)                     |
| Region 10 (Jefferson) | 5.69                | (4.17 - 7.72)                         | 32.64               | (26.63 - 39.29)                       | 26.71             | (22.59 - 31.28)                     | 27.44             | (23.56 - 31.68)                     |
| Regions 2 and 9       | 7.65                | (5.78 - 10.05)                        | 39.90               | (35.05 - 44.96)                       | 31.04             | (27.47 - 34.84)                     | 32.39             | (29.16 - 35.80)                     |
| Region 3              | 8.55                | (6.46 - 11.23)                        | *                   | (* - *)                               | 33.00             | (28.47 - 37.87)                     | 34.00             | (29.77 - 38.50)                     |
| Regions 4, 5, and 6   | 9.42                | (7.27 - 12.12)                        | 41.05               | (35.10 - 47.28)                       | 35.93             | (31.87 - 40.20)                     | 36.68             | (32.89 - 40.64)                     |
| Regions 7 and 8       | 8.46                | (6.43 - 11.06)                        | 34.34               | (28.94 - 40.17)                       | 33.17             | (29.10 - 37.51)                     | 33.34             | (29.60 - 37.31)                     |
| <b>Maine</b>          | 9.04                | (7.43 - 10.95)                        | 36.26               | (33.10 - 39.55)                       | 24.17             | (21.94 - 26.56)                     | 25.62             | (23.53 - 27.83)                     |
| Aroostook/Downeast    | 11.07               | (8.63 - 14.10)                        | 39.54               | (34.13 - 45.22)                       | 27.07             | (23.60 - 30.84)                     | 28.44             | (25.13 - 31.99)                     |
| Aroostook             | 10.40               | (7.73 - 13.86)                        | *                   | (* - *)                               | 30.40             | (25.69 - 35.56)                     | 31.35             | (26.89 - 36.18)                     |
| Downeast              | *                   | (* - *)                               | *                   | (* - *)                               | 24.42             | (20.24 - 29.15)                     | 26.11             | (22.05 - 30.61)                     |
| Central               | 9.76                | (7.31 - 12.91)                        | *                   | (* - *)                               | 27.26             | (23.09 - 31.87)                     | 28.58             | (24.62 - 32.89)                     |
| Cumberland            | 7.29                | (5.48 - 9.63)                         | 37.04               | (31.56 - 42.87)                       | 20.22             | (17.04 - 23.81)                     | 22.29             | (19.26 - 25.64)                     |
| Midcoast              | 9.92                | (7.35 - 13.27)                        | *                   | (* - *)                               | 21.80             | (18.16 - 25.95)                     | 23.51             | (19.98 - 27.45)                     |
| Penquis               | 9.06                | (6.67 - 12.18)                        | 31.63               | (25.88 - 38.02)                       | 26.21             | (22.00 - 30.91)                     | 27.00             | (23.09 - 31.31)                     |
| Western               | 8.88                | (6.68 - 11.73)                        | 37.88               | (31.84 - 44.33)                       | 27.00             | (22.99 - 31.44)                     | 28.36             | (24.59 - 32.46)                     |
| York                  | 8.94                | (6.67 - 11.88)                        | 32.33               | (26.90 - 38.28)                       | 22.15             | (18.52 - 26.27)                     | 23.31             | (19.88 - 27.12)                     |
| <b>Maryland</b>       | 5.60                | (4.55 - 6.88)                         | 31.56               | (28.65 - 34.63)                       | 22.63             | (20.64 - 24.76)                     | 23.85             | (21.99 - 25.82)                     |
| Anne Arundel          | 5.91                | (4.29 - 8.08)                         | *                   | (* - *)                               | 22.65             | (18.75 - 27.09)                     | 24.44             | (20.69 - 28.63)                     |
| Baltimore City        | 6.14                | (4.46 - 8.38)                         | 32.93               | (27.20 - 39.22)                       | 33.45             | (28.95 - 38.28)                     | 33.37             | (29.29 - 37.71)                     |
| Baltimore County      | 6.46                | (4.75 - 8.73)                         | *                   | (* - *)                               | 23.38             | (19.52 - 27.73)                     | 24.60             | (20.92 - 28.69)                     |
| Montgomery            | 4.01                | (2.87 - 5.58)                         | 24.40               | (19.51 - 30.07)                       | 14.35             | (11.75 - 17.40)                     | 15.51             | (12.99 - 18.42)                     |
| North Central         | 6.09                | (4.38 - 8.41)                         | *                   | (* - *)                               | 18.90             | (15.64 - 22.65)                     | 20.77             | (17.55 - 24.40)                     |
| Northeast             | 6.56                | (4.72 - 9.05)                         | *                   | (* - *)                               | 23.71             | (19.59 - 28.39)                     | 25.06             | (21.12 - 29.46)                     |
| Prince George's       | 3.69                | (2.63 - 5.14)                         | 27.78               | (22.71 - 33.49)                       | 21.14             | (17.58 - 25.21)                     | 22.16             | (18.85 - 25.88)                     |
| South                 | 6.32                | (4.64 - 8.56)                         | *                   | (* - *)                               | 24.87             | (20.92 - 29.29)                     | 26.16             | (22.43 - 30.27)                     |
| West                  | 7.73                | (5.79 - 10.27)                        | *                   | (* - *)                               | 27.86             | (23.70 - 32.45)                     | 28.96             | (25.03 - 33.24)                     |

See notes at end of table.

(continued)



**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 5.30                | (4.29 - 6.53)                         | 32.57               | (29.38 - 35.92)                       | 20.87             | (18.85 - 23.04)                     | 22.60             | (20.70 - 24.62)                     |
| Boston                | 3.47                | (2.52 - 4.74)                         | 28.18               | (22.72 - 34.37)                       | 21.43             | (17.65 - 25.78)                     | 22.82             | (19.29 - 26.79)                     |
| Central               | 5.36                | (3.97 - 7.20)                         | 34.81               | (28.84 - 41.31)                       | 22.72             | (19.18 - 26.69)                     | 24.47             | (21.14 - 28.14)                     |
| Metrowest             | 5.31                | (3.95 - 7.10)                         | 29.28               | (23.81 - 35.43)                       | 16.97             | (14.16 - 20.20)                     | 18.64             | (15.91 - 21.71)                     |
| Northeast             | 4.53                | (3.33 - 6.13)                         | 31.97               | (26.51 - 37.98)                       | 19.44             | (16.40 - 22.90)                     | 21.11             | (18.20 - 24.34)                     |
| Southeast             | 7.09                | (5.22 - 9.57)                         | 38.83               | (32.90 - 45.12)                       | 23.55             | (19.95 - 27.57)                     | 25.52             | (22.13 - 29.23)                     |
| Western               | 5.10                | (3.72 - 6.97)                         | 34.52               | (28.69 - 40.85)                       | 23.93             | (19.98 - 28.38)                     | 25.70             | (22.00 - 29.79)                     |
| <b>Michigan</b>       | 7.09                | (6.13 - 8.19)                         | 35.67               | (33.53 - 37.87)                       | 28.41             | (26.85 - 30.03)                     | 29.47             | (28.08 - 30.91)                     |
| Region 1              | 10.80               | (8.20 - 14.11)                        | *                   | (* - *)                               | 32.72             | (28.18 - 37.60)                     | 34.02             | (29.77 - 38.54)                     |
| Region 2              | 10.84               | (8.28 - 14.07)                        | *                   | (* - *)                               | 29.36             | (25.12 - 34.00)                     | 30.81             | (26.78 - 35.15)                     |
| Region 3              | 5.36                | (4.13 - 6.92)                         | 31.96               | (27.70 - 36.54)                       | 27.00             | (23.93 - 30.32)                     | 27.76             | (24.98 - 30.72)                     |
| Region 4              | 7.58                | (5.76 - 9.91)                         | 35.28               | (30.37 - 40.51)                       | 32.19             | (28.45 - 36.17)                     | 32.65             | (29.27 - 36.22)                     |
| Region 5              | 7.48                | (5.89 - 9.47)                         | 38.84               | (34.75 - 43.09)                       | 30.30             | (27.37 - 33.40)                     | 31.74             | (29.15 - 34.45)                     |
| Region 6              | 5.94                | (4.55 - 7.72)                         | 32.32               | (27.28 - 37.81)                       | 23.82             | (20.54 - 27.45)                     | 25.23             | (22.20 - 28.53)                     |
| Region 7              | 6.61                | (5.19 - 8.38)                         | 33.62               | (29.45 - 38.07)                       | 29.02             | (25.82 - 32.44)                     | 29.70             | (26.84 - 32.74)                     |
| Region 8              | 6.23                | (4.83 - 8.01)                         | 31.62               | (26.83 - 36.84)                       | 21.49             | (18.58 - 24.70)                     | 22.74             | (20.04 - 25.70)                     |
| Region 9              | 7.97                | (6.11 - 10.35)                        | 37.15               | (31.97 - 42.64)                       | 29.72             | (26.04 - 33.69)                     | 30.67             | (27.27 - 34.29)                     |
| Region 10             | 8.05                | (6.15 - 10.48)                        | 41.97               | (36.16 - 48.00)                       | 33.79             | (29.76 - 38.08)                     | 34.90             | (31.14 - 38.84)                     |
| <b>Minnesota</b>      | 6.12                | (4.97 - 7.53)                         | 35.82               | (32.56 - 39.22)                       | 25.06             | (22.93 - 27.33)                     | 26.55             | (24.54 - 28.66)                     |
| Regions 1 and 2       | 8.89                | (6.88 - 11.41)                        | 40.44               | (34.58 - 46.60)                       | 29.97             | (25.97 - 34.31)                     | 31.36             | (27.54 - 35.47)                     |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | 29.46             | (24.56 - 34.89)                     | 31.05             | (26.36 - 36.16)                     |
| Region 2              | 9.12                | (6.67 - 12.34)                        | *                   | (* - *)                               | 30.28             | (25.32 - 35.73)                     | 31.55             | (26.84 - 36.69)                     |
| Regions 3 and 4       | 8.07                | (6.16 - 10.52)                        | 39.62               | (34.15 - 45.36)                       | 29.44             | (25.84 - 33.31)                     | 30.89             | (27.49 - 34.50)                     |
| Region 3              | 8.56                | (6.19 - 11.74)                        | *                   | (* - *)                               | 29.49             | (24.52 - 35.00)                     | 31.05             | (26.23 - 36.33)                     |
| Region 4              | 7.85                | (5.75 - 10.63)                        | 38.94               | (32.65 - 45.61)                       | 29.40             | (25.15 - 34.05)                     | 30.79             | (26.84 - 35.05)                     |
| Regions 5 and 6       | 6.00                | (4.58 - 7.82)                         | 36.65               | (31.66 - 41.95)                       | 27.15             | (23.73 - 30.86)                     | 28.53             | (25.31 - 31.99)                     |
| Region 5              | 5.84                | (4.25 - 7.98)                         | 35.51               | (29.34 - 42.20)                       | 28.05             | (23.52 - 33.08)                     | 29.14             | (24.93 - 33.75)                     |
| Region 6              | 6.16                | (4.43 - 8.49)                         | *                   | (* - *)                               | 26.22             | (21.95 - 30.99)                     | 27.91             | (23.79 - 32.43)                     |
| Region 7              | 5.11                | (4.01 - 6.48)                         | 33.43               | (29.62 - 37.47)                       | 22.10             | (19.76 - 24.64)                     | 23.63             | (21.44 - 25.98)                     |
| Region 7A (Hennepin)  | 4.81                | (3.53 - 6.51)                         | 33.67               | (28.28 - 39.52)                       | 20.50             | (17.45 - 23.94)                     | 22.24             | (19.36 - 25.40)                     |
| Region 7B (Ramsey)    | 5.14                | (3.73 - 7.03)                         | 31.48               | (25.58 - 38.05)                       | 24.37             | (20.51 - 28.69)                     | 25.49             | (21.85 - 29.51)                     |
| Region 7C             | 5.33                | (3.95 - 7.17)                         | 34.25               | (28.82 - 40.12)                       | 22.76             | (19.47 - 26.41)                     | 24.24             | (21.13 - 27.64)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 9.19                | (7.67 - 10.98)                        | 36.80               | (33.61 - 40.11)                       | 33.37             | (30.96 - 35.86)                     | 33.89             | (31.72 - 36.12)                     |
| Region 1                               | 10.21               | (7.94 - 13.04)                        | 39.50               | (34.02 - 45.25)                       | 34.86             | (30.75 - 39.21)                     | 35.56             | (31.86 - 39.45)                     |
| Region 2                               | 7.80                | (5.75 - 10.50)                        | 32.50               | (26.76 - 38.81)                       | 33.77             | (29.13 - 38.73)                     | 33.57             | (29.34 - 38.08)                     |
| Region 3                               | 9.74                | (7.39 - 12.74)                        | 35.67               | (29.95 - 41.83)                       | 35.03             | (30.53 - 39.82)                     | 35.14             | (31.03 - 39.47)                     |
| Region 4                               | 7.51                | (5.67 - 9.87)                         | 35.91               | (30.49 - 41.71)                       | 28.34             | (24.49 - 32.54)                     | 29.47             | (25.97 - 33.24)                     |
| Region 5                               | 10.02               | (7.39 - 13.44)                        | *                   | (* - *)                               | 36.92             | (31.58 - 42.61)                     | 37.04             | (32.01 - 42.38)                     |
| Region 6                               | 9.66                | (7.27 - 12.73)                        | 37.04               | (30.79 - 43.74)                       | 35.62             | (31.03 - 40.48)                     | 35.84             | (31.61 - 40.29)                     |
| Region 7                               | 9.74                | (7.41 - 12.69)                        | 37.99               | (31.67 - 44.74)                       | 32.55             | (28.18 - 37.24)                     | 33.31             | (29.24 - 37.65)                     |
| <b>Missouri</b>                        | 8.75                | (7.32 - 10.42)                        | 40.65               | (37.51 - 43.87)                       | 30.63             | (28.23 - 33.14)                     | 32.06             | (29.88 - 34.32)                     |
| Central                                | 9.06                | (6.86 - 11.87)                        | 39.85               | (34.00 - 46.00)                       | 31.27             | (26.93 - 35.97)                     | 32.77             | (28.85 - 36.94)                     |
| Eastern                                | 7.79                | (6.16 - 9.79)                         | 38.66               | (34.14 - 43.39)                       | 28.71             | (25.53 - 32.11)                     | 30.06             | (27.13 - 33.16)                     |
| Eastern (St. Louis City and<br>County) | 7.00                | (5.21 - 9.35)                         | 35.41               | (29.80 - 41.45)                       | 28.38             | (24.49 - 32.62)                     | 29.35             | (25.76 - 33.21)                     |
| Eastern (excluding St. Louis)          | 8.92                | (6.70 - 11.77)                        | 44.50               | (38.16 - 51.04)                       | 29.26             | (25.12 - 33.78)                     | 31.28             | (27.41 - 35.43)                     |
| Northwest                              | 7.72                | (6.04 - 9.82)                         | 42.15               | (37.18 - 47.27)                       | 30.19             | (26.79 - 33.81)                     | 31.85             | (28.69 - 35.20)                     |
| Northwest (Jackson)                    | 6.52                | (4.84 - 8.73)                         | 38.69               | (32.55 - 45.22)                       | 29.54             | (25.35 - 34.10)                     | 30.77             | (26.88 - 34.95)                     |
| Northwest (excluding Jackson)          | 8.67                | (6.48 - 11.50)                        | *                   | (* - *)                               | 30.74             | (26.24 - 35.65)                     | 32.77             | (28.53 - 37.32)                     |
| Southeast                              | 12.24               | (9.29 - 15.95)                        | 42.87               | (36.46 - 49.53)                       | 35.98             | (31.29 - 40.96)                     | 36.92             | (32.57 - 41.49)                     |
| Southwest                              | 9.64                | (7.32 - 12.60)                        | 41.87               | (35.84 - 48.15)                       | 31.00             | (26.72 - 35.63)                     | 32.53             | (28.57 - 36.76)                     |
| <b>Montana</b>                         | 10.14               | (8.55 - 11.99)                        | 39.95               | (36.69 - 43.31)                       | 28.64             | (26.24 - 31.16)                     | 30.23             | (28.02 - 32.54)                     |
| Region 1                               | 11.39               | (8.45 - 15.20)                        | *                   | (* - *)                               | 34.31             | (29.09 - 39.94)                     | 35.95             | (31.02 - 41.20)                     |
| Region 2                               | 9.34                | (7.13 - 12.15)                        | 39.94               | (33.96 - 46.23)                       | 30.43             | (26.00 - 35.25)                     | 31.82             | (27.78 - 36.16)                     |
| Region 3                               | 8.87                | (6.80 - 11.48)                        | 40.57               | (34.63 - 46.79)                       | 28.34             | (24.66 - 32.33)                     | 29.92             | (26.47 - 33.62)                     |
| Region 4                               | 9.26                | (7.16 - 11.90)                        | 38.18               | (32.99 - 43.66)                       | 27.42             | (23.69 - 31.49)                     | 29.03             | (25.60 - 32.72)                     |
| Region 5                               | 11.89               | (9.35 - 15.00)                        | 39.56               | (34.59 - 44.76)                       | 27.60             | (24.11 - 31.39)                     | 29.30             | (26.09 - 32.73)                     |
| <b>Nebraska</b>                        | 6.34                | (5.17 - 7.75)                         | 37.15               | (33.98 - 40.43)                       | 28.46             | (26.15 - 30.89)                     | 29.78             | (27.69 - 31.95)                     |
| Regions 1 and 2                        | 7.00                | (5.36 - 9.08)                         | 42.76               | (36.45 - 49.32)                       | 31.88             | (27.74 - 36.32)                     | 33.34             | (29.39 - 37.55)                     |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | 31.19             | (26.08 - 36.81)                     | 32.76             | (27.83 - 38.09)                     |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | 32.48             | (27.26 - 38.17)                     | 33.86             | (28.89 - 39.22)                     |
| Region 3                               | 6.74                | (4.98 - 9.07)                         | *                   | (* - *)                               | 29.45             | (25.19 - 34.11)                     | 30.85             | (26.91 - 35.08)                     |
| Region 4                               | 6.48                | (4.77 - 8.74)                         | *                   | (* - *)                               | 30.00             | (25.35 - 35.11)                     | 30.89             | (26.54 - 35.60)                     |
| Region 5                               | 6.94                | (5.18 - 9.22)                         | 37.29               | (31.78 - 43.15)                       | 28.34             | (24.85 - 32.10)                     | 29.85             | (26.63 - 33.27)                     |
| Region 6                               | 5.74                | (4.40 - 7.44)                         | 35.57               | (31.25 - 40.13)                       | 26.98             | (23.73 - 30.49)                     | 28.26             | (25.34 - 31.37)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 6.07                | (4.84 - 7.59)                         | 29.85               | (26.75 - 33.15)                       | 25.42             | (22.96 - 28.04)                     | 26.01             | (23.79 - 28.35)                     |
| Clark – Region 1        | 5.57                | (4.29 - 7.21)                         | 28.53               | (24.93 - 32.43)                       | 24.20             | (21.44 - 27.20)                     | 24.78             | (22.30 - 27.44)                     |
| Region 3                | 8.25                | (6.22 - 10.87)                        | 36.52               | (30.71 - 42.75)                       | 31.06             | (26.73 - 35.75)                     | 31.70             | (27.60 - 36.12)                     |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | 29.29             | (24.16 - 35.01)                     | 29.96             | (25.04 - 35.40)                     |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | 32.70             | (27.17 - 38.75)                     | 33.30             | (28.07 - 38.97)                     |
| Washoe – Region 2       | 6.73                | (5.01 - 9.00)                         | 31.37               | (26.09 - 37.17)                       | 26.51             | (22.54 - 30.90)                     | 27.17             | (23.51 - 31.17)                     |
| <b>New Hampshire</b>    | 7.89                | (6.50 - 9.54)                         | 38.00               | (34.58 - 41.54)                       | 23.79             | (21.64 - 26.09)                     | 25.72             | (23.71 - 27.84)                     |
| Central                 | 8.25                | (6.50 - 10.40)                        | 37.23               | (32.72 - 41.97)                       | 26.09             | (23.07 - 29.36)                     | 27.70             | (24.88 - 30.70)                     |
| Central 1               | 8.58                | (6.42 - 11.40)                        | 35.77               | (29.95 - 42.05)                       | 26.66             | (22.73 - 30.99)                     | 28.12             | (24.45 - 32.11)                     |
| Central 2               | 7.94                | (5.98 - 10.46)                        | 39.04               | (33.37 - 45.01)                       | 25.55             | (21.79 - 29.71)                     | 27.28             | (23.77 - 31.10)                     |
| Northern                | 9.72                | (7.23 - 12.95)                        | 39.32               | (32.97 - 46.05)                       | 25.16             | (21.18 - 29.60)                     | 27.15             | (23.38 - 31.29)                     |
| Southern                | 7.40                | (5.93 - 9.19)                         | 38.10               | (33.75 - 42.65)                       | 22.39             | (19.85 - 25.14)                     | 24.44             | (22.06 - 26.98)                     |
| Southern 1 (Rockingham) | 7.25                | (5.44 - 9.59)                         | 39.28               | (32.99 - 45.95)                       | 20.57             | (17.18 - 24.43)                     | 22.79             | (19.52 - 26.43)                     |
| Southern 2              | 7.50                | (5.80 - 9.65)                         | 37.46               | (32.35 - 42.88)                       | 23.55             | (20.53 - 26.86)                     | 25.46             | (22.65 - 28.49)                     |
| <b>New Jersey</b>       | 4.97                | (4.10 - 6.01)                         | 30.63               | (28.13 - 33.25)                       | 20.88             | (19.08 - 22.81)                     | 22.16             | (20.51 - 23.89)                     |
| Central                 | 5.65                | (4.29 - 7.41)                         | 35.40               | (30.37 - 40.78)                       | 22.23             | (19.25 - 25.52)                     | 23.89             | (21.09 - 26.94)                     |
| Metropolitan            | 4.22                | (3.17 - 5.60)                         | 26.95               | (22.73 - 31.62)                       | 19.04             | (16.32 - 22.11)                     | 20.15             | (17.63 - 22.93)                     |
| Northern                | 4.63                | (3.56 - 6.00)                         | 28.04               | (24.23 - 32.21)                       | 18.74             | (16.31 - 21.45)                     | 19.91             | (17.66 - 22.38)                     |
| Southern                | 5.58                | (4.22 - 7.34)                         | 33.91               | (29.28 - 38.87)                       | 24.85             | (21.61 - 28.41)                     | 26.07             | (23.10 - 29.27)                     |
| <b>New Mexico</b>       | 5.56                | (4.45 - 6.94)                         | 35.80               | (32.64 - 39.09)                       | 26.05             | (23.74 - 28.50)                     | 27.46             | (25.35 - 29.68)                     |
| Region 1                | 6.52                | (4.81 - 8.78)                         | 37.86               | (32.17 - 43.91)                       | 27.19             | (23.26 - 31.52)                     | 28.74             | (25.12 - 32.66)                     |
| Region 2                | 5.25                | (3.81 - 7.20)                         | *                   | (* - *)                               | 21.61             | (18.01 - 25.70)                     | 23.44             | (19.99 - 27.27)                     |
| Region 3 (Bernalillo)   | 5.34                | (3.94 - 7.19)                         | 33.94               | (29.24 - 38.97)                       | 26.16             | (22.77 - 29.86)                     | 27.26             | (24.16 - 30.60)                     |
| Region 4                | 5.17                | (3.77 - 7.06)                         | *                   | (* - *)                               | 29.73             | (25.30 - 34.58)                     | 30.97             | (26.85 - 35.40)                     |
| Region 5                | 5.25                | (3.93 - 6.97)                         | 34.85               | (30.03 - 40.01)                       | 25.80             | (22.48 - 29.42)                     | 27.24             | (24.14 - 30.59)                     |
| Region 5a               | 5.55                | (3.95 - 7.76)                         | *                   | (* - *)                               | 27.71             | (23.20 - 32.73)                     | 29.13             | (24.86 - 33.79)                     |
| Region 5b (Dona Ana)    | 5.01                | (3.57 - 6.99)                         | 32.56               | (26.62 - 39.13)                       | 23.93             | (20.03 - 28.31)                     | 25.52             | (21.85 - 29.56)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 4.93                | (4.19 - 5.78)                         | 28.43               | (26.59 - 30.35)                       | 23.26             | (21.94 - 24.64)                     | 24.01             | (22.83 - 25.23)                     |
| Region 1: Long Island                          | 4.33                | (3.35 - 5.58)                         | 27.74               | (23.72 - 32.14)                       | 19.15             | (16.67 - 21.92)                     | 20.33             | (18.03 - 22.84)                     |
| Region 2: New York City                        | 3.70                | (3.01 - 4.55)                         | 24.03               | (21.79 - 26.41)                       | 20.53             | (18.88 - 22.29)                     | 21.02             | (19.52 - 22.60)                     |
| Region 2A: Bronx                               | 3.17                | (2.31 - 4.33)                         | 23.92               | (19.80 - 28.58)                       | 21.19             | (18.10 - 24.65)                     | 21.64             | (18.84 - 24.73)                     |
| Region 2B: Kings                               | 3.91                | (2.92 - 5.20)                         | 24.19               | (20.32 - 28.53)                       | 21.34             | (18.53 - 24.45)                     | 21.75             | (19.16 - 24.59)                     |
| Region 2C: New York                            | 4.16                | (3.04 - 5.66)                         | 27.90               | (23.24 - 33.08)                       | 21.07             | (18.01 - 24.49)                     | 21.95             | (19.08 - 25.11)                     |
| Region 2D: Queens                              | 3.42                | (2.53 - 4.61)                         | 20.21               | (16.53 - 24.46)                       | 18.61             | (15.92 - 21.63)                     | 18.81             | (16.32 - 21.59)                     |
| Region 2E: Richmond                            | 4.54                | (3.34 - 6.14)                         | 27.43               | (21.84 - 33.83)                       | 22.03             | (18.46 - 26.06)                     | 22.77             | (19.41 - 26.53)                     |
| Region 3: Mid-Hudson                           | 4.49                | (3.40 - 5.90)                         | 28.44               | (24.04 - 33.29)                       | 21.05             | (18.36 - 24.01)                     | 22.11             | (19.62 - 24.82)                     |
| Region 4: Capital Region                       | 6.67                | (5.02 - 8.82)                         | 38.12               | (32.38 - 44.23)                       | 29.03             | (25.22 - 33.17)                     | 30.36             | (26.82 - 34.15)                     |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | 34.27             | (29.31 - 39.59)                     | 34.97             | (30.42 - 39.82)                     |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | 33.77             | (28.85 - 39.06)                     | 34.57             | (29.93 - 39.52)                     |
| Region 7: Tug Hill Seaway                      | 8.61                | (6.37 - 11.53)                        | *                   | (* - *)                               | 33.85             | (29.39 - 38.62)                     | 34.23             | (30.09 - 38.62)                     |
| Region 8: Central                              | 6.74                | (5.12 - 8.83)                         | 33.35               | (28.07 - 39.09)                       | 31.88             | (28.02 - 36.01)                     | 32.12             | (28.59 - 35.86)                     |
| Region 9: Southern Tier                        | 7.56                | (5.64 - 10.07)                        | 32.93               | (27.35 - 39.04)                       | 30.41             | (26.16 - 35.03)                     | 30.88             | (27.01 - 35.02)                     |
| Region 10: Finger Lakes                        | 6.41                | (4.85 - 8.43)                         | 31.97               | (27.17 - 37.19)                       | 25.53             | (22.14 - 29.25)                     | 26.50             | (23.41 - 29.85)                     |
| Region 11: Western                             | 6.64                | (5.10 - 8.59)                         | 33.14               | (28.66 - 37.94)                       | 30.76             | (27.56 - 34.15)                     | 31.11             | (28.20 - 34.17)                     |
| <b>North Carolina</b>                          | 6.42                | (5.40 - 7.62)                         | 35.16               | (32.58 - 37.83)                       | 26.66             | (24.75 - 28.66)                     | 27.85             | (26.11 - 29.66)                     |
| Alliance Behavioral<br>Healthcare 1            | 5.11                | (3.81 - 6.84)                         | 32.59               | (27.00 - 38.73)                       | 25.60             | (21.88 - 29.71)                     | 26.69             | (23.18 - 30.51)                     |
| Alliance Behavioral<br>Healthcare 2            | 4.87                | (3.62 - 6.52)                         | 28.60               | (23.38 - 34.46)                       | 18.08             | (14.96 - 21.69)                     | 19.54             | (16.56 - 22.91)                     |
| Cardinal Innovations<br>Healthcare Solutions 1 | 6.23                | (4.62 - 8.36)                         | *                   | (* - *)                               | 26.47             | (22.49 - 30.88)                     | 27.86             | (24.03 - 32.05)                     |
| Cardinal Innovations<br>Healthcare Solutions 2 | 6.09                | (4.55 - 8.09)                         | 33.17               | (27.39 - 39.51)                       | 26.48             | (22.52 - 30.85)                     | 27.46             | (23.75 - 31.51)                     |
| Cardinal Innovations<br>Healthcare Solutions 3 | 5.09                | (3.76 - 6.87)                         | 31.60               | (26.32 - 37.41)                       | 23.19             | (19.69 - 27.10)                     | 24.33             | (21.04 - 27.96)                     |
| CenterPoint Human Services                     | 6.17                | (4.59 - 8.24)                         | 35.33               | (29.17 - 42.03)                       | 27.85             | (23.67 - 32.44)                     | 28.85             | (24.93 - 33.12)                     |
| Eastpointe                                     | 6.48                | (4.86 - 8.58)                         | 34.59               | (28.98 - 40.66)                       | 31.58             | (27.20 - 36.31)                     | 32.00             | (27.96 - 36.32)                     |
| Partners Behavioral Health<br>Management       | 7.49                | (5.73 - 9.74)                         | 39.17               | (32.80 - 45.93)                       | 29.48             | (25.33 - 34.01)                     | 30.71             | (26.79 - 34.92)                     |
| Sandhills Center 1                             | *                   | (* - *)                               | *                   | (* - *)                               | 31.56             | (26.70 - 36.86)                     | 32.68             | (28.14 - 37.57)                     |
| Sandhills Center 2                             | 6.09                | (4.50 - 8.20)                         | *                   | (* - *)                               | 25.29             | (21.20 - 29.88)                     | 26.36             | (22.47 - 30.66)                     |
| Smoky Mountain Center 1                        | 9.70                | (7.24 - 12.87)                        | *                   | (* - *)                               | 30.43             | (26.00 - 35.25)                     | 31.97             | (27.81 - 36.44)                     |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 25.30             | (21.26 - 29.81)                     | 26.76             | (22.89 - 31.03)                     |
| Trillium Health Resources 1                    | 7.44                | (5.51 - 9.97)                         | 36.61               | (31.04 - 42.56)                       | 28.16             | (24.12 - 32.60)                     | 29.50             | (25.77 - 33.52)                     |
| Trillium Health Resources 2                    | *                   | (* - *)                               | *                   | (* - *)                               | 28.37             | (23.81 - 33.43)                     | 29.91             | (25.65 - 34.56)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 8.20                | (6.82 - 9.82)                         | 40.92               | (37.76 - 44.16)                       | 29.84             | (27.60 - 32.18)                     | 31.83             | (29.82 - 33.92)                     |
| Badlands and West Central     | 9.11                | (7.17 - 11.50)                        | 45.38               | (40.03 - 50.83)                       | 28.94             | (25.79 - 32.30)                     | 31.35             | (28.42 - 34.43)                     |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | 29.98             | (25.13 - 35.33)                     | 31.91             | (27.29 - 36.91)                     |
| West Central                  | 9.11                | (7.00 - 11.78)                        | 46.17               | (40.09 - 52.37)                       | 28.63             | (25.10 - 32.45)                     | 31.18             | (27.90 - 34.67)                     |
| Lake Region                   | 10.50               | (7.76 - 14.06)                        | *                   | (* - *)                               | 34.39             | (29.23 - 39.95)                     | 35.28             | (30.44 - 40.44)                     |
| North Central                 | 7.67                | (5.75 - 10.15)                        | 44.20               | (37.61 - 51.00)                       | 31.73             | (27.39 - 36.41)                     | 33.94             | (29.95 - 38.18)                     |
| Northeast                     | 7.65                | (5.79 - 10.06)                        | 38.66               | (33.02 - 44.62)                       | 31.86             | (27.55 - 36.49)                     | 33.52             | (29.72 - 37.54)                     |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | 32.86             | (27.50 - 38.71)                     | 34.51             | (29.43 - 39.98)                     |
| South Central                 | 8.44                | (6.17 - 11.43)                        | *                   | (* - *)                               | 29.78             | (25.02 - 35.02)                     | 32.25             | (27.67 - 37.19)                     |
| Southeast                     | 6.77                | (5.14 - 8.87)                         | 36.09               | (31.56 - 40.88)                       | 27.35             | (23.96 - 31.01)                     | 29.14             | (26.13 - 32.33)                     |
| <b>Ohio</b>                   | 7.63                | (6.61 - 8.79)                         | 39.99               | (37.74 - 42.27)                       | 30.90             | (29.29 - 32.57)                     | 32.17             | (30.72 - 33.65)                     |
| Boards 2, 46, 55, and 68      | 8.70                | (6.63 - 11.35)                        | *                   | (* - *)                               | 34.47             | (29.67 - 39.61)                     | 35.96             | (31.47 - 40.72)                     |
| Boards 3, 52, and 85          | 7.77                | (5.76 - 10.42)                        | *                   | (* - *)                               | 25.91             | (21.81 - 30.49)                     | 27.47             | (23.54 - 31.78)                     |
| Boards 4 and 78               | 11.11               | (8.34 - 14.65)                        | *                   | (* - *)                               | 34.89             | (30.01 - 40.12)                     | 36.56             | (32.03 - 41.35)                     |
| Boards 5 and 60               | 11.20               | (8.55 - 14.54)                        | 41.38               | (35.14 - 47.90)                       | 36.50             | (31.59 - 41.71)                     | 37.35             | (32.88 - 42.04)                     |
| Boards 7, 15, 41, 79, and 84  | 10.68               | (8.28 - 13.67)                        | *                   | (* - *)                               | 35.56             | (30.98 - 40.42)                     | 36.60             | (32.37 - 41.05)                     |
| Boards 8, 13, and 83          | 7.67                | (5.78 - 10.10)                        | *                   | (* - *)                               | 27.53             | (23.55 - 31.89)                     | 29.09             | (25.27 - 33.24)                     |
| Board 9 (Butler)              | 6.81                | (5.14 - 8.97)                         | *                   | (* - *)                               | 30.33             | (26.03 - 35.01)                     | 31.36             | (27.33 - 35.69)                     |
| Board 12                      | 6.81                | (5.12 - 9.01)                         | 37.27               | (31.14 - 43.84)                       | 29.26             | (24.76 - 34.21)                     | 30.50             | (26.32 - 35.03)                     |
| Boards 18 and 47              | 6.37                | (4.90 - 8.24)                         | 40.89               | (36.03 - 45.93)                       | 29.48             | (26.15 - 33.06)                     | 31.01             | (27.95 - 34.24)                     |
| Boards 20, 32, 54, and 69     | 7.05                | (5.34 - 9.26)                         | 44.53               | (38.02 - 51.24)                       | 35.28             | (30.75 - 40.10)                     | 36.50             | (32.28 - 40.93)                     |
| Boards 21, 39, 51, 70, and 80 | 8.25                | (6.34 - 10.66)                        | 41.79               | (35.53 - 48.32)                       | 30.47             | (26.24 - 35.06)                     | 31.92             | (27.97 - 36.15)                     |
| Boards 22, 74, and 87         | 8.04                | (6.06 - 10.60)                        | 42.56               | (36.34 - 49.03)                       | 35.85             | (31.19 - 40.81)                     | 36.86             | (32.60 - 41.32)                     |
| Boards 23 and 45              | 7.77                | (5.82 - 10.31)                        | 39.52               | (33.17 - 46.25)                       | 31.78             | (27.41 - 36.50)                     | 32.88             | (28.82 - 37.21)                     |
| Board 25 (Franklin)           | 6.21                | (4.75 - 8.10)                         | 37.96               | (33.24 - 42.91)                       | 27.22             | (23.85 - 30.86)                     | 28.86             | (25.82 - 32.10)                     |
| Boards 27, 71, and 73         | 10.21               | (7.78 - 13.28)                        | *                   | (* - *)                               | 37.94             | (33.02 - 43.12)                     | 38.62             | (34.03 - 43.42)                     |
| Boards 28, 43, and 67         | 7.82                | (5.98 - 10.18)                        | 38.39               | (32.49 - 44.65)                       | 28.24             | (24.26 - 32.59)                     | 29.68             | (25.99 - 33.66)                     |
| Board 31 (Hamilton)           | 6.40                | (4.83 - 8.44)                         | 37.70               | (32.00 - 43.76)                       | 29.19             | (25.59 - 33.07)                     | 30.41             | (27.09 - 33.96)                     |
| Board 48 (Lucas)              | 6.86                | (5.15 - 9.08)                         | 38.61               | (32.39 - 45.22)                       | 34.12             | (29.62 - 38.93)                     | 34.79             | (30.63 - 39.20)                     |
| Boards 50 and 76              | 7.69                | (5.94 - 9.90)                         | 41.66               | (35.76 - 47.82)                       | 32.55             | (28.45 - 36.94)                     | 33.73             | (29.93 - 37.75)                     |
| Board 57 (Montgomery)         | 7.15                | (5.39 - 9.43)                         | 36.86               | (30.76 - 43.41)                       | 30.18             | (25.98 - 34.74)                     | 31.10             | (27.17 - 35.33)                     |
| Board 77 (Summit)             | 6.95                | (5.18 - 9.27)                         | 33.60               | (27.75 - 40.00)                       | 26.27             | (22.39 - 30.55)                     | 27.23             | (23.63 - 31.16)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 8.88                | (7.29 - 10.77)                        | 38.94               | (35.69 - 42.30)                       | 33.15             | (30.74 - 35.65)                     | 34.02             | (31.84 - 36.27)                     |
| Central                               | 8.36                | (6.20 - 11.18)                        | 37.16               | (31.25 - 43.48)                       | 30.71             | (26.23 - 35.60)                     | 31.74             | (27.64 - 36.15)                     |
| East Central                          | 11.59               | (8.63 - 15.39)                        | *                   | (* - *)                               | 37.02             | (32.25 - 42.05)                     | 37.56             | (33.13 - 42.21)                     |
| Northeast                             | 10.77               | (8.05 - 14.27)                        | 35.80               | (29.55 - 42.57)                       | 33.18             | (28.65 - 38.04)                     | 33.61             | (29.45 - 38.03)                     |
| Northwest and Southwest               | 9.28                | (6.88 - 12.40)                        | 46.32               | (39.67 - 53.10)                       | 39.59             | (34.86 - 44.52)                     | 40.63             | (36.27 - 45.14)                     |
| Oklahoma County                       | 5.81                | (4.28 - 7.84)                         | 35.70               | (30.11 - 41.70)                       | 28.85             | (24.94 - 33.10)                     | 29.84             | (26.23 - 33.71)                     |
| Southeast                             | 12.10               | (9.08 - 15.96)                        | 42.82               | (36.24 - 49.65)                       | 36.32             | (31.79 - 41.11)                     | 37.24             | (33.06 - 41.61)                     |
| Tulsa County                          | 6.63                | (4.89 - 8.93)                         | 35.66               | (29.76 - 42.02)                       | 29.16             | (25.14 - 33.53)                     | 30.09             | (26.33 - 34.13)                     |
| <b>Oregon</b>                         | 7.07                | (5.84 - 8.54)                         | 33.91               | (30.77 - 37.20)                       | 22.60             | (20.47 - 24.89)                     | 24.11             | (22.14 - 26.19)                     |
| Region 1 (Multnomah)                  | 5.96                | (4.44 - 7.97)                         | 30.73               | (25.33 - 36.72)                       | 21.63             | (18.45 - 25.18)                     | 22.77             | (19.75 - 26.10)                     |
| Region 2                              | 6.07                | (4.65 - 7.88)                         | 32.59               | (27.63 - 37.97)                       | 17.76             | (14.89 - 21.05)                     | 19.66             | (16.94 - 22.69)                     |
| Region 3                              | 7.38                | (5.67 - 9.57)                         | 34.12               | (29.40 - 39.18)                       | 24.59             | (21.23 - 28.30)                     | 26.04             | (23.00 - 29.33)                     |
| Region 4                              | 8.99                | (6.75 - 11.88)                        | 37.98               | (31.99 - 44.36)                       | 25.76             | (21.83 - 30.12)                     | 27.18             | (23.49 - 31.21)                     |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | 21.50             | (17.34 - 26.33)                     | 23.29             | (19.19 - 27.97)                     |
| Region 6 (Eastern)                    | 7.83                | (5.73 - 10.60)                        | *                   | (* - *)                               | 28.16             | (23.62 - 33.20)                     | 29.34             | (25.04 - 34.04)                     |
| <b>Pennsylvania</b>                   | 6.67                | (5.74 - 7.75)                         | 37.00               | (34.83 - 39.21)                       | 27.76             | (26.21 - 29.38)                     | 29.03             | (27.63 - 30.46)                     |
| Region 1 (Allegheny)                  | 7.53                | (5.79 - 9.73)                         | 35.78               | (30.69 - 41.21)                       | 26.93             | (23.43 - 30.74)                     | 28.05             | (24.83 - 31.51)                     |
| Regions 3, 8, 9, and 51               | 9.98                | (7.67 - 12.89)                        | 43.18               | (37.16 - 49.42)                       | 31.40             | (27.42 - 35.68)                     | 33.00             | (29.33 - 36.89)                     |
| Regions 4, 11, 37, and 49             | 5.94                | (4.52 - 7.79)                         | 36.76               | (30.89 - 43.04)                       | 29.24             | (25.28 - 33.56)                     | 30.25             | (26.54 - 34.24)                     |
| Regions 5, 18, 23, 24, and 46         | 7.71                | (5.87 - 10.07)                        | 38.75               | (32.95 - 44.89)                       | 27.42             | (23.70 - 31.49)                     | 28.88             | (25.40 - 32.62)                     |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 9.33                | (7.12 - 12.13)                        | 38.32               | (32.86 - 44.09)                       | 32.05             | (27.88 - 36.52)                     | 33.19             | (29.43 - 37.17)                     |
| Regions 7, 13, 20, and 33             | 5.41                | (4.20 - 6.94)                         | 33.20               | (29.05 - 37.64)                       | 19.80             | (17.44 - 22.40)                     | 21.53             | (19.33 - 23.91)                     |
| Regions 10, 15, 27, 32, 43, and 44    | 9.46                | (7.18 - 12.37)                        | 44.25               | (37.72 - 50.98)                       | 33.99             | (29.44 - 38.85)                     | 35.22             | (30.96 - 39.73)                     |
| Regions 17 and 21                     | 7.91                | (5.96 - 10.42)                        | *                   | (* - *)                               | 32.01             | (27.33 - 37.08)                     | 32.87             | (28.46 - 37.61)                     |
| Regions 19, 26, 28, and 42            | 5.84                | (4.49 - 7.58)                         | 39.92               | (34.97 - 45.09)                       | 28.75             | (25.39 - 32.36)                     | 30.21             | (27.12 - 33.48)                     |
| Regions 22, 38, 40, 41, and 48        | 9.20                | (7.08 - 11.86)                        | 44.50               | (38.34 - 50.84)                       | 30.46             | (26.55 - 34.67)                     | 32.05             | (28.40 - 35.93)                     |
| Regions 29 and 34                     | 4.72                | (3.49 - 6.35)                         | 33.59               | (27.64 - 40.12)                       | 26.51             | (22.46 - 30.99)                     | 27.47             | (23.69 - 31.61)                     |
| Regions 30 and 50                     | 7.45                | (5.63 - 9.80)                         | 40.53               | (34.57 - 46.78)                       | 32.08             | (27.88 - 36.61)                     | 33.15             | (29.22 - 37.32)                     |
| Region 36 (Philadelphia)              | 4.65                | (3.54 - 6.09)                         | 32.30               | (27.91 - 37.01)                       | 30.41             | (26.74 - 34.35)                     | 30.73             | (27.49 - 34.16)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 6.03                | (4.86 - 7.45)                         | 33.21               | (29.82 - 36.79)                       | 23.99             | (21.72 - 26.42)                     | 25.42             | (23.30 - 27.67)                     |
| Region 1: Southern Providence<br>County                   | 4.93                | (3.57 - 6.76)                         | *                   | (* - *)                               | 22.97             | (19.34 - 27.05)                     | 24.36             | (20.91 - 28.18)                     |
| Region 2: Northern Providence<br>County/Blackstone Valley | 5.23                | (3.84 - 7.08)                         | 34.59               | (28.68 - 41.01)                       | 27.20             | (23.22 - 31.58)                     | 28.15             | (24.42 - 32.21)                     |
| Region 3: Providence                                      | 4.52                | (3.21 - 6.33)                         | 26.28               | (21.17 - 32.11)                       | 24.46             | (20.31 - 29.15)                     | 24.91             | (21.20 - 29.02)                     |
| Region 4: Kent County                                     | 8.09                | (6.00 - 10.82)                        | *                   | (* - *)                               | 26.39             | (22.52 - 30.66)                     | 27.87             | (24.17 - 31.89)                     |
| Region 5: East Bay                                        | 6.62                | (4.80 - 9.06)                         | *                   | (* - *)                               | 23.34             | (19.49 - 27.70)                     | 25.47             | (21.76 - 29.59)                     |
| Region 6: Newport County                                  | 7.00                | (5.06 - 9.62)                         | *                   | (* - *)                               | 19.21             | (15.82 - 23.13)                     | 21.46             | (18.09 - 25.26)                     |
| Region 7: South County                                    | 7.58                | (5.54 - 10.28)                        | *                   | (* - *)                               | 19.66             | (16.35 - 23.45)                     | 22.38             | (19.16 - 25.97)                     |
| <b>South Carolina</b>                                     | 7.58                | (6.26 - 9.15)                         | 39.44               | (36.16 - 42.82)                       | 29.43             | (27.20 - 31.76)                     | 30.83             | (28.78 - 32.95)                     |
| Region 1                                                  | 8.14                | (6.28 - 10.49)                        | 38.16               | (33.14 - 43.46)                       | 32.11             | (28.50 - 35.95)                     | 32.96             | (29.67 - 36.42)                     |
| Region 2                                                  | 7.02                | (5.40 - 9.07)                         | 39.03               | (33.77 - 44.56)                       | 28.49             | (24.95 - 32.32)                     | 30.05             | (26.77 - 33.55)                     |
| Region 3                                                  | 8.05                | (6.02 - 10.68)                        | 38.47               | (32.56 - 44.74)                       | 29.78             | (25.85 - 34.03)                     | 30.90             | (27.23 - 34.83)                     |
| Region 4                                                  | 7.12                | (5.41 - 9.33)                         | 41.93               | (36.18 - 47.90)                       | 26.93             | (23.67 - 30.45)                     | 29.01             | (25.98 - 32.23)                     |
| <b>South Dakota</b>                                       | 8.78                | (7.26 - 10.59)                        | 40.73               | (37.39 - 44.17)                       | 28.87             | (26.52 - 31.34)                     | 30.63             | (28.50 - 32.85)                     |
| Region 1                                                  | 9.57                | (7.27 - 12.50)                        | 45.52               | (39.62 - 51.56)                       | 30.02             | (26.29 - 34.04)                     | 32.22             | (28.77 - 35.88)                     |
| Region 2                                                  | 9.95                | (7.49 - 13.10)                        | *                   | (* - *)                               | 30.54             | (25.93 - 35.57)                     | 32.28             | (27.94 - 36.95)                     |
| Region 3                                                  | 9.29                | (7.14 - 12.01)                        | 39.03               | (33.43 - 44.92)                       | 28.39             | (24.62 - 32.48)                     | 30.16             | (26.73 - 33.83)                     |
| Region 4                                                  | 9.75                | (7.37 - 12.80)                        | 42.37               | (36.15 - 48.84)                       | 30.85             | (26.45 - 35.64)                     | 32.70             | (28.66 - 37.01)                     |
| Region 5                                                  | 6.84                | (5.09 - 9.13)                         | 36.36               | (31.21 - 41.84)                       | 26.78             | (23.22 - 30.68)                     | 28.09             | (24.80 - 31.64)                     |
| <b>Tennessee</b>                                          | 8.04                | (6.69 - 9.63)                         | 37.80               | (34.66 - 41.04)                       | 30.57             | (28.18 - 33.06)                     | 31.58             | (29.40 - 33.85)                     |
| Region 1                                                  | 11.09               | (8.35 - 14.59)                        | 42.11               | (35.73 - 48.76)                       | 32.93             | (28.22 - 38.01)                     | 34.07             | (29.66 - 38.78)                     |
| Region 2                                                  | 8.97                | (6.81 - 11.72)                        | 40.83               | (34.56 - 47.41)                       | 32.68             | (28.44 - 37.24)                     | 33.75             | (29.75 - 37.99)                     |
| Region 3                                                  | 9.43                | (7.13 - 12.36)                        | 40.83               | (34.48 - 47.49)                       | 30.69             | (26.68 - 35.01)                     | 32.05             | (28.25 - 36.11)                     |
| Region 4 (Davidson)                                       | 5.17                | (3.84 - 6.93)                         | *                   | (* - *)                               | 26.77             | (22.34 - 31.71)                     | 27.98             | (23.80 - 32.58)                     |
| Region 5                                                  | 7.99                | (6.14 - 10.35)                        | 38.74               | (33.30 - 44.48)                       | 30.92             | (27.13 - 34.99)                     | 32.03             | (28.57 - 35.69)                     |
| Region 6                                                  | 9.24                | (6.83 - 12.38)                        | *                   | (* - *)                               | 34.17             | (29.27 - 39.44)                     | 35.00             | (30.48 - 39.80)                     |
| Region 7 (Shelby)                                         | 5.27                | (3.83 - 7.21)                         | 29.00               | (23.64 - 35.02)                       | 25.65             | (21.62 - 30.13)                     | 26.18             | (22.49 - 30.23)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 4.87                | (4.17 - 5.68)                         | 30.56               | (28.77 - 32.41)                       | 24.46             | (23.17 - 25.80)                     | 25.40             | (24.27 - 26.57)                     |
| Region 1                                                    | 5.41                | (3.99 - 7.31)                         | 33.26               | (27.42 - 39.66)                       | 29.71             | (25.55 - 34.23)                     | 30.32             | (26.46 - 34.47)                     |
| Region 2                                                    | 6.71                | (5.01 - 8.93)                         | *                   | (* - *)                               | 35.38             | (30.74 - 40.31)                     | 36.34             | (32.00 - 40.91)                     |
| Region 3                                                    | 4.76                | (3.87 - 5.84)                         | 28.11               | (25.36 - 31.03)                       | 22.76             | (20.88 - 24.76)                     | 23.54             | (21.85 - 25.32)                     |
| Region 3a                                                   | 4.55                | (3.55 - 5.83)                         | 27.09               | (23.75 - 30.70)                       | 21.24             | (18.94 - 23.74)                     | 22.09             | (20.03 - 24.31)                     |
| Region 3bc                                                  | 5.13                | (3.97 - 6.59)                         | 29.91               | (25.74 - 34.44)                       | 25.45             | (22.65 - 28.48)                     | 26.10             | (23.54 - 28.84)                     |
| Region 4                                                    | 7.73                | (5.92 - 10.05)                        | 40.66               | (34.71 - 46.89)                       | 34.19             | (30.19 - 38.41)                     | 35.08             | (31.36 - 38.99)                     |
| Region 5                                                    | 7.37                | (5.51 - 9.80)                         | 35.74               | (29.65 - 42.33)                       | 30.69             | (26.29 - 35.47)                     | 31.43             | (27.36 - 35.82)                     |
| Region 6                                                    | 4.51                | (3.60 - 5.63)                         | 28.27               | (24.82 - 31.99)                       | 22.14             | (20.06 - 24.37)                     | 23.06             | (21.15 - 25.09)                     |
| Region 6a                                                   | 4.40                | (3.45 - 5.59)                         | 27.63               | (23.94 - 31.65)                       | 21.67             | (19.44 - 24.07)                     | 22.57             | (20.53 - 24.76)                     |
| Region 6bc                                                  | 5.47                | (4.09 - 7.30)                         | *                   | (* - *)                               | 26.08             | (22.00 - 30.61)                     | 27.21             | (23.33 - 31.47)                     |
| Region 7                                                    | 4.92                | (3.92 - 6.15)                         | 33.23               | (29.40 - 37.30)                       | 25.40             | (22.92 - 28.04)                     | 26.74             | (24.46 - 29.14)                     |
| Region 7a                                                   | 4.59                | (3.44 - 6.09)                         | 32.62               | (27.64 - 38.03)                       | 22.25             | (19.34 - 25.46)                     | 23.85             | (21.11 - 26.82)                     |
| Region 7bcd                                                 | 5.53                | (4.22 - 7.21)                         | 34.05               | (28.78 - 39.74)                       | 31.27             | (27.25 - 35.60)                     | 31.82             | (28.22 - 35.65)                     |
| Region 8                                                    | 4.16                | (3.18 - 5.41)                         | 32.88               | (28.61 - 37.45)                       | 23.55             | (20.77 - 26.58)                     | 24.99             | (22.45 - 27.72)                     |
| Region 9                                                    | 5.09                | (3.75 - 6.88)                         | *                   | (* - *)                               | 30.13             | (25.73 - 34.94)                     | 31.07             | (26.94 - 35.52)                     |
| Region 10                                                   | 4.37                | (3.24 - 5.85)                         | 28.25               | (23.08 - 34.06)                       | 21.18             | (17.82 - 24.98)                     | 22.41             | (19.24 - 25.94)                     |
| Region 11                                                   | 4.62                | (3.64 - 5.86)                         | 26.33               | (22.74 - 30.26)                       | 23.89             | (21.05 - 26.98)                     | 24.30             | (21.77 - 27.02)                     |
| Region 11abd                                                | 4.50                | (3.39 - 5.96)                         | 27.49               | (22.84 - 32.68)                       | 25.07             | (21.40 - 29.12)                     | 25.46             | (22.15 - 29.08)                     |
| Region 11c (Hidalgo)                                        | 4.81                | (3.51 - 6.55)                         | 24.47               | (19.62 - 30.06)                       | 21.81             | (18.13 - 25.99)                     | 22.28             | (18.91 - 26.06)                     |
| <b>Utah</b>                                                 | 3.54                | (2.59 - 4.84)                         | 19.88               | (17.10 - 22.99)                       | 15.52             | (13.74 - 17.49)                     | 16.32             | (14.68 - 18.10)                     |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | 3.96                | (2.63 - 5.93)                         | *                   | (* - *)                               | 17.16             | (13.63 - 21.38)                     | 17.51             | (14.21 - 21.40)                     |
| Central, Four Corners, San<br>Juan, and Southwest           | 4.98                | (3.46 - 7.12)                         | 22.69               | (17.86 - 28.37)                       | 17.28             | (14.35 - 20.65)                     | 18.23             | (15.39 - 21.45)                     |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | 19.51             | (15.64 - 24.08)                     | 20.08             | (16.36 - 24.40)                     |
| Southwest                                                   | 4.80                | (3.20 - 7.16)                         | *                   | (* - *)                               | 15.89             | (12.55 - 19.92)                     | 17.09             | (13.81 - 20.95)                     |
| Davis County                                                | 3.25                | (2.18 - 4.83)                         | 18.89               | (14.21 - 24.67)                       | 13.69             | (10.82 - 17.18)                     | 14.58             | (11.80 - 17.87)                     |
| Salt Lake County                                            | 3.31                | (2.27 - 4.81)                         | 21.72               | (18.02 - 25.93)                       | 15.57             | (13.41 - 18.02)                     | 16.57             | (14.55 - 18.80)                     |
| Utah County                                                 | 3.02                | (2.03 - 4.47)                         | 16.16               | (12.31 - 20.92)                       | 12.69             | (10.19 - 15.70)                     | 13.54             | (11.18 - 16.32)                     |
| Weber, Morgan                                               | 3.45                | (2.32 - 5.12)                         | 22.23               | (17.33 - 28.06)                       | 18.23             | (14.82 - 22.22)                     | 18.89             | (15.72 - 22.53)                     |

See notes at end of table.

(continued)



**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 8.48                | (7.04 - 10.20)                        | 43.13               | (39.49 - 46.86)                       | 26.27             | (23.99 - 28.69)                     | 28.78             | (26.69 - 30.96)                     |
| Champlain Valley                      | 7.29                | (5.58 - 9.46)                         | 43.46               | (38.64 - 48.41)                       | 23.94             | (20.99 - 27.15)                     | 27.33             | (24.67 - 30.16)                     |
| Rural Northeast                       | 10.66               | (8.23 - 13.69)                        | *                   | (* - *)                               | 30.91             | (26.67 - 35.50)                     | 32.90             | (28.95 - 37.11)                     |
| Rural Southeast                       | 7.92                | (5.97 - 10.45)                        | *                   | (* - *)                               | 23.91             | (20.39 - 27.84)                     | 25.86             | (22.49 - 29.55)                     |
| Rural Southwest                       | 8.95                | (6.71 - 11.85)                        | *                   | (* - *)                               | 28.25             | (24.15 - 32.75)                     | 30.18             | (26.28 - 34.38)                     |
| <b>Virginia</b>                       | 6.17                | (5.13 - 7.41)                         | 33.73               | (31.14 - 36.43)                       | 25.41             | (23.68 - 27.23)                     | 26.59             | (25.01 - 28.24)                     |
| Region 1                              | 6.55                | (4.97 - 8.58)                         | 34.49               | (29.33 - 40.03)                       | 25.70             | (22.41 - 29.29)                     | 27.08             | (24.03 - 30.36)                     |
| Region 2                              | 3.92                | (2.89 - 5.31)                         | 23.77               | (19.92 - 28.10)                       | 15.93             | (13.67 - 18.48)                     | 16.86             | (14.72 - 19.23)                     |
| Region 3                              | 10.59               | (8.19 - 13.60)                        | 43.43               | (38.16 - 48.84)                       | 36.15             | (32.30 - 40.19)                     | 37.22             | (33.72 - 40.85)                     |
| Region 4                              | 6.39                | (4.86 - 8.37)                         | 34.66               | (29.72 - 39.96)                       | 27.65             | (24.37 - 31.19)                     | 28.66             | (25.63 - 31.88)                     |
| Region 5                              | 5.86                | (4.44 - 7.70)                         | 35.11               | (30.61 - 39.88)                       | 27.80             | (24.53 - 31.33)                     | 28.94             | (25.98 - 32.10)                     |
| <b>Washington</b>                     | 5.86                | (4.77 - 7.16)                         | 29.78               | (26.71 - 33.05)                       | 21.22             | (19.21 - 23.39)                     | 22.40             | (20.51 - 24.41)                     |
| Region 1                              | 6.27                | (4.85 - 8.07)                         | 31.06               | (26.57 - 35.94)                       | 24.29             | (21.05 - 27.84)                     | 25.36             | (22.35 - 28.63)                     |
| Greater Columbia and North<br>Central | 4.96                | (3.58 - 6.84)                         | 27.48               | (22.35 - 33.29)                       | 22.26             | (18.45 - 26.61)                     | 23.15             | (19.60 - 27.12)                     |
| Spokane                               | 8.50                | (6.23 - 11.49)                        | *                   | (* - *)                               | 27.12             | (22.71 - 32.04)                     | 28.57             | (24.39 - 33.17)                     |
| Region 2                              | 4.87                | (3.78 - 6.27)                         | 26.56               | (22.79 - 30.71)                       | 16.92             | (14.73 - 19.35)                     | 18.16             | (16.09 - 20.44)                     |
| King                                  | 4.41                | (3.23 - 5.99)                         | 25.31               | (20.70 - 30.56)                       | 14.98             | (12.58 - 17.75)                     | 16.28             | (13.96 - 18.89)                     |
| North Sound                           | 5.61                | (4.18 - 7.51)                         | 28.59               | (23.23 - 34.62)                       | 20.41             | (17.01 - 24.30)                     | 21.53             | (18.29 - 25.16)                     |
| Region 3                              | 6.83                | (5.43 - 8.57)                         | 33.20               | (29.12 - 37.55)                       | 25.50             | (22.72 - 28.49)                     | 26.54             | (23.95 - 29.30)                     |
| Pierce                                | 6.26                | (4.67 - 8.35)                         | 32.19               | (26.59 - 38.35)                       | 26.06             | (22.38 - 30.13)                     | 26.96             | (23.52 - 30.69)                     |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | 22.48             | (18.55 - 26.97)                     | 23.74             | (19.92 - 28.02)                     |
| SW WA and Great Rivers                | 7.36                | (5.37 - 10.02)                        | *                   | (* - *)                               | 27.12             | (22.70 - 32.04)                     | 28.19             | (24.07 - 32.71)                     |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 25.13             | (20.78 - 30.04)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 12.89               | (10.97 - 15.09)                       | 47.87               | (44.46 - 51.29)                       | 38.62             | (35.95 - 41.36)                     | 39.82             | (37.38 - 42.32)                     |
| Region I                      | 12.70               | (9.62 - 16.59)                        | *                   | (* - *)                               | 37.22             | (31.68 - 43.12)                     | 38.53             | (33.37 - 43.96)                     |
| Region II                     | 9.53                | (7.29 - 12.37)                        | *                   | (* - *)                               | 32.68             | (28.13 - 37.58)                     | 33.85             | (29.58 - 38.39)                     |
| Region III                    | 13.45               | (10.21 - 17.51)                       | *                   | (* - *)                               | 38.69             | (33.61 - 44.04)                     | 39.67             | (34.89 - 44.66)                     |
| Region IV                     | 13.57               | (10.74 - 17.00)                       | 48.21               | (42.62 - 53.84)                       | 40.56             | (36.13 - 45.14)                     | 41.84             | (37.86 - 45.92)                     |
| Region V                      | 13.14               | (10.37 - 16.52)                       | 48.50               | (42.79 - 54.25)                       | 39.03             | (34.87 - 43.36)                     | 40.16             | (36.32 - 44.12)                     |
| Region VI                     | 14.63               | (11.59 - 18.30)                       | 51.83               | (45.52 - 58.08)                       | 40.82             | (36.43 - 45.37)                     | 42.07             | (37.97 - 46.28)                     |
| <b>Wisconsin</b>              | 7.06                | (5.82 - 8.53)                         | 33.51               | (30.36 - 36.82)                       | 26.40             | (24.21 - 28.72)                     | 27.41             | (25.38 - 29.55)                     |
| Milwaukee                     | 4.92                | (3.66 - 6.59)                         | 29.05               | (23.99 - 34.69)                       | 27.74             | (23.73 - 32.14)                     | 27.95             | (24.32 - 31.89)                     |
| Northeastern                  | 7.37                | (5.54 - 9.73)                         | 33.85               | (28.19 - 40.02)                       | 26.74             | (23.09 - 30.74)                     | 27.68             | (24.25 - 31.39)                     |
| Northern                      | 9.46                | (7.02 - 12.63)                        | *                   | (* - *)                               | 29.35             | (24.85 - 34.30)                     | 30.37             | (26.13 - 34.97)                     |
| Southeastern                  | 6.54                | (4.91 - 8.68)                         | 32.26               | (26.73 - 38.33)                       | 24.43             | (20.76 - 28.50)                     | 25.48             | (22.06 - 29.23)                     |
| Southern                      | 6.41                | (4.80 - 8.51)                         | 33.98               | (28.64 - 39.77)                       | 24.01             | (20.58 - 27.80)                     | 25.42             | (22.21 - 28.93)                     |
| Western                       | 9.70                | (7.32 - 12.75)                        | 37.74               | (31.65 - 44.24)                       | 28.84             | (24.48 - 33.64)                     | 30.20             | (26.17 - 34.56)                     |
| <b>Wyoming</b>                | 9.36                | (7.73 - 11.28)                        | 41.75               | (38.40 - 45.17)                       | 29.95             | (27.52 - 32.51)                     | 31.65             | (29.42 - 33.96)                     |
| Judicial District 1 (Laramie) | 8.53                | (6.24 - 11.54)                        | *                   | (* - *)                               | 30.68             | (26.29 - 35.46)                     | 32.14             | (28.05 - 36.53)                     |
| Judicial District 2           | 7.21                | (5.28 - 9.79)                         | 35.05               | (29.48 - 41.07)                       | 27.74             | (23.45 - 32.49)                     | 29.68             | (25.90 - 33.76)                     |
| Judicial District 3           | 8.12                | (6.03 - 10.84)                        | *                   | (* - *)                               | 28.39             | (24.08 - 33.15)                     | 29.86             | (25.81 - 34.26)                     |
| Judicial District 4           | 10.98               | (8.23 - 14.49)                        | *                   | (* - *)                               | 27.03             | (22.33 - 32.30)                     | 28.96             | (24.43 - 33.95)                     |
| Judicial District 5           | 9.57                | (7.11 - 12.76)                        | *                   | (* - *)                               | 27.48             | (23.46 - 31.90)                     | 29.35             | (25.47 - 33.56)                     |
| Judicial District 6           | 9.82                | (7.36 - 12.98)                        | 43.86               | (37.71 - 50.21)                       | 35.83             | (30.80 - 41.20)                     | 36.95             | (32.32 - 41.83)                     |
| Judicial District 7 (Natrona) | 9.88                | (7.36 - 13.13)                        | *                   | (* - *)                               | 32.87             | (28.51 - 37.55)                     | 34.43             | (30.33 - 38.77)                     |
| Judicial District 8           | 9.59                | (7.09 - 12.85)                        | *                   | (* - *)                               | 30.93             | (26.01 - 36.33)                     | 32.97             | (28.29 - 38.01)                     |
| Judicial District 9           | 11.21               | (8.36 - 14.88)                        | *                   | (* - *)                               | 27.27             | (22.98 - 32.02)                     | 29.64             | (25.56 - 34.07)                     |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: Tobacco Products include cigarettes, smokeless tobacco (i.e., snuff, dip, chewing tobacco, or "snus"), cigars, or pipe tobacco.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 4.16                | (3.95 - 4.38)                         | 26.20               | (25.62 - 26.79)                       | 20.55             | (20.18 - 20.92)                     | 21.36             | (21.02 - 21.70)                     |
| <b>Northeast</b>           | 3.70                | (3.37 - 4.07)                         | 25.71               | (24.70 - 26.74)                       | 19.64             | (18.82 - 20.48)                     | 20.49             | (19.79 - 21.21)                     |
| <b>Midwest</b>             | 5.07                | (4.69 - 5.48)                         | 29.16               | (28.21 - 30.13)                       | 22.87             | (22.08 - 23.68)                     | 23.78             | (23.11 - 24.46)                     |
| <b>South</b>               | 4.31                | (4.00 - 4.64)                         | 27.30               | (26.49 - 28.12)                       | 22.15             | (21.44 - 22.88)                     | 22.89             | (22.29 - 23.50)                     |
| <b>West</b>                | 3.43                | (3.08 - 3.81)                         | 22.25               | (21.27 - 23.26)                       | 16.60             | (15.83 - 17.41)                     | 17.43             | (16.77 - 18.11)                     |
| <b>Alabama</b>             | 5.29                | (4.22 - 6.61)                         | 30.78               | (27.70 - 34.03)                       | 24.14             | (21.99 - 26.43)                     | 25.09             | (23.14 - 27.15)                     |
| Region 1                   | 5.74                | (4.12 - 7.93)                         | 32.10               | (27.11 - 37.53)                       | 25.95             | (22.29 - 29.98)                     | 26.75             | (23.38 - 30.42)                     |
| Region 2                   | 4.94                | (3.53 - 6.89)                         | 31.81               | (26.85 - 37.21)                       | 24.77             | (21.41 - 28.46)                     | 25.79             | (22.72 - 29.13)                     |
| Region 3                   | 4.12                | (2.86 - 5.90)                         | 24.69               | (20.04 - 30.01)                       | 20.93             | (17.29 - 25.11)                     | 21.56             | (18.24 - 25.30)                     |
| Region 4                   | 6.12                | (4.41 - 8.42)                         | 33.88               | (28.32 - 39.92)                       | 23.43             | (19.93 - 27.33)                     | 24.81             | (21.55 - 28.39)                     |
| <b>Alaska</b>              | 7.18                | (5.78 - 8.89)                         | 33.20               | (29.85 - 36.72)                       | 25.11             | (22.90 - 27.46)                     | 26.37             | (24.35 - 28.50)                     |
| Anchorage                  | 5.57                | (4.07 - 7.58)                         | 28.35               | (24.22 - 32.87)                       | 21.90             | (19.06 - 25.03)                     | 22.92             | (20.35 - 25.71)                     |
| Northern                   | 7.96                | (5.70 - 11.00)                        | 37.04               | (31.09 - 43.41)                       | 32.47             | (28.15 - 37.11)                     | 33.29             | (29.38 - 37.44)                     |
| South Central              | 8.74                | (6.51 - 11.64)                        | 36.98               | (31.35 - 42.98)                       | 24.69             | (21.17 - 28.58)                     | 26.44             | (23.17 - 29.98)                     |
| Southeast                  | 7.68                | (5.31 - 10.99)                        | *                   | (* - *)                               | 23.81             | (19.47 - 28.76)                     | 25.21             | (21.11 - 29.81)                     |
| <b>Arizona</b>             | 3.43                | (2.64 - 4.44)                         | 24.80               | (22.00 - 27.82)                       | 19.30             | (17.31 - 21.45)                     | 20.10             | (18.29 - 22.04)                     |
| Central                    | 3.29                | (2.35 - 4.59)                         | 22.98               | (19.69 - 26.63)                       | 18.27             | (15.94 - 20.86)                     | 18.96             | (16.84 - 21.28)                     |
| North                      | 4.94                | (3.39 - 7.13)                         | *                   | (* - *)                               | 22.06             | (17.77 - 27.04)                     | 23.52             | (19.49 - 28.09)                     |
| South                      | 3.15                | (2.32 - 4.25)                         | 25.47               | (21.28 - 30.16)                       | 20.25             | (17.36 - 23.49)                     | 21.02             | (18.31 - 24.01)                     |
| South A                    | 2.82                | (1.92 - 4.12)                         | 24.51               | (19.40 - 30.44)                       | 18.03             | (14.75 - 21.85)                     | 18.97             | (15.88 - 22.52)                     |
| South B                    | 3.48                | (2.38 - 5.07)                         | 26.62               | (21.02 - 33.08)                       | 22.99             | (18.75 - 27.85)                     | 23.53             | (19.60 - 27.97)                     |
| <b>Arkansas</b>            | 6.01                | (4.89 - 7.38)                         | 31.65               | (28.52 - 34.96)                       | 29.09             | (26.76 - 31.53)                     | 29.45             | (27.35 - 31.64)                     |
| Catchment Area 1           | 4.45                | (3.08 - 6.40)                         | 27.49               | (22.20 - 33.49)                       | 22.60             | (18.85 - 26.84)                     | 23.37             | (19.92 - 27.22)                     |
| Catchment Area 2           | 8.57                | (6.00 - 12.11)                        | *                   | (* - *)                               | 32.49             | (27.47 - 37.96)                     | 32.92             | (28.28 - 37.92)                     |
| Catchment Area 3           | 5.97                | (4.20 - 8.41)                         | 29.33               | (23.70 - 35.67)                       | 29.42             | (25.04 - 34.23)                     | 29.41             | (25.42 - 33.75)                     |
| Catchment Area 4           | 6.32                | (4.35 - 9.09)                         | *                   | (* - *)                               | 29.45             | (24.72 - 34.67)                     | 30.18             | (25.79 - 34.97)                     |
| Catchment Area 5           | 6.04                | (4.25 - 8.52)                         | 30.13               | (24.95 - 35.87)                       | 28.79             | (24.49 - 33.50)                     | 29.00             | (25.12 - 33.21)                     |
| Catchment Area 6           | 5.77                | (4.01 - 8.24)                         | *                   | (* - *)                               | 33.07             | (27.81 - 38.80)                     | 33.20             | (28.36 - 38.42)                     |
| Catchment Area 7           | 5.78                | (4.00 - 8.28)                         | *                   | (* - *)                               | 31.19             | (25.77 - 37.19)                     | 31.65             | (26.62 - 37.15)                     |
| Catchment Area 8           | 6.11                | (4.33 - 8.54)                         | *                   | (* - *)                               | 29.75             | (25.47 - 34.43)                     | 30.19             | (26.21 - 34.50)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 2.79                | (2.34 - 3.33)                         | 19.80               | (18.38 - 21.30)                       | 14.78             | (13.78 - 15.85)                     | 15.53             | (14.65 - 16.46)                     |
| Region 1R                   | 4.48                | (3.17 - 6.29)                         | 26.39               | (21.14 - 32.41)                       | 19.51             | (16.18 - 23.34)                     | 20.49             | (17.33 - 24.06)                     |
| Region 2R                   | 3.53                | (2.47 - 5.01)                         | 21.15               | (16.69 - 26.42)                       | 14.68             | (11.88 - 17.99)                     | 15.65             | (13.01 - 18.72)                     |
| Region 3R (Sacramento)      | 3.06                | (2.15 - 4.34)                         | 18.75               | (14.87 - 23.35)                       | 16.84             | (13.97 - 20.16)                     | 17.12             | (14.46 - 20.14)                     |
| Region 4R                   | 2.85                | (1.97 - 4.09)                         | 20.64               | (16.12 - 26.04)                       | 13.49             | (10.95 - 16.50)                     | 14.41             | (11.94 - 17.29)                     |
| Region 5R (San Francisco)   | *                   | (* - *)                               | 21.85               | (16.98 - 27.66)                       | 14.09             | (11.21 - 17.57)                     | 14.87             | (12.07 - 18.20)                     |
| Region 6 (Santa Clara)      | 2.40                | (1.63 - 3.51)                         | 16.31               | (12.77 - 20.59)                       | 10.52             | (8.56 - 12.87)                      | 11.27             | (9.38 - 13.49)                      |
| Region 7R (Contra Costa)    | 2.49                | (1.71 - 3.60)                         | 19.29               | (15.15 - 24.24)                       | 12.59             | (10.20 - 15.45)                     | 13.48             | (11.17 - 16.18)                     |
| Region 8R (Alameda)         | 2.66                | (1.83 - 3.83)                         | 19.45               | (15.42 - 24.24)                       | 12.99             | (10.63 - 15.79)                     | 13.85             | (11.59 - 16.47)                     |
| Region 9R (San Mateo)       | 2.46                | (1.67 - 3.62)                         | 19.94               | (15.23 - 25.66)                       | 11.52             | (9.13 - 14.43)                      | 12.47             | (10.13 - 15.26)                     |
| Region 10                   | 2.62                | (1.79 - 3.83)                         | 21.63               | (17.12 - 26.95)                       | 13.78             | (11.03 - 17.09)                     | 15.07             | (12.41 - 18.19)                     |
| Region 11 (Los Angeles)     | 2.67                | (2.16 - 3.30)                         | 19.45               | (17.46 - 21.61)                       | 14.24             | (12.89 - 15.70)                     | 15.02             | (13.79 - 16.34)                     |
| LA SPA 1 and 5              | 2.46                | (1.71 - 3.55)                         | 18.99               | (14.81 - 24.02)                       | 13.60             | (10.96 - 16.75)                     | 14.41             | (11.88 - 17.37)                     |
| LA SPA 2                    | 2.96                | (2.09 - 4.18)                         | 18.64               | (14.87 - 23.09)                       | 13.02             | (10.71 - 15.73)                     | 13.80             | (11.61 - 16.33)                     |
| LA SPA 3                    | 2.39                | (1.63 - 3.49)                         | 18.82               | (14.77 - 23.66)                       | 12.23             | (9.82 - 15.13)                      | 13.20             | (10.90 - 15.90)                     |
| LA SPA 4                    | 2.98                | (2.04 - 4.32)                         | 21.58               | (16.85 - 27.21)                       | 17.32             | (14.09 - 21.11)                     | 17.90             | (14.84 - 21.42)                     |
| LA SPA 6                    | 2.95                | (1.98 - 4.37)                         | 18.19               | (14.09 - 23.17)                       | 18.43             | (15.04 - 22.39)                     | 18.36             | (15.27 - 21.92)                     |
| LA SPA 7                    | 2.57                | (1.75 - 3.77)                         | 20.91               | (16.48 - 26.16)                       | 13.57             | (10.91 - 16.77)                     | 14.79             | (12.24 - 17.77)                     |
| LA SPA 8                    | 2.41                | (1.69 - 3.42)                         | 19.81               | (15.71 - 24.67)                       | 14.48             | (11.85 - 17.58)                     | 15.24             | (12.77 - 18.09)                     |
| Region 12R                  | 2.66                | (1.82 - 3.87)                         | 19.71               | (15.35 - 24.95)                       | 18.26             | (14.92 - 22.16)                     | 18.48             | (15.40 - 22.02)                     |
| Regions 13 and 19R          | 2.64                | (1.84 - 3.78)                         | 17.21               | (13.98 - 21.01)                       | 16.41             | (13.88 - 19.30)                     | 16.53             | (14.25 - 19.10)                     |
| Region 14 (Orange)          | 2.95                | (2.10 - 4.13)                         | 20.41               | (16.50 - 24.96)                       | 12.90             | (10.77 - 15.37)                     | 13.98             | (11.95 - 16.30)                     |
| Region 15R (Fresno)         | 2.60                | (1.76 - 3.82)                         | 18.98               | (14.87 - 23.92)                       | 17.04             | (13.85 - 20.79)                     | 17.37             | (14.43 - 20.77)                     |
| Region 16R (San Diego)      | 2.91                | (2.08 - 4.04)                         | 20.34               | (16.67 - 24.58)                       | 14.31             | (12.12 - 16.81)                     | 15.24             | (13.22 - 17.51)                     |
| Region 17R                  | 2.93                | (2.03 - 4.21)                         | 21.12               | (17.22 - 25.62)                       | 19.22             | (16.27 - 22.57)                     | 19.54             | (16.87 - 22.53)                     |
| Region 18R (San Bernardino) | 2.61                | (1.81 - 3.73)                         | 20.15               | (16.32 - 24.61)                       | 18.73             | (15.86 - 21.98)                     | 18.96             | (16.36 - 21.87)                     |
| Region 20R                  | 2.72                | (1.90 - 3.88)                         | 20.28               | (15.82 - 25.62)                       | 17.92             | (14.65 - 21.74)                     | 18.31             | (15.26 - 21.82)                     |
| Region 21R                  | 3.35                | (2.32 - 4.81)                         | 19.75               | (14.99 - 25.55)                       | 15.04             | (12.18 - 18.43)                     | 15.81             | (13.04 - 19.05)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 4.16                | (3.30 - 5.22)                         | 27.23               | (24.38 - 30.27)                       | 17.90             | (16.04 - 19.92)                     | 19.24             | (17.52 - 21.09)                     |
| Region 1                                  | 5.02                | (3.42 - 7.30)                         | 29.62               | (23.95 - 35.99)                       | 15.56             | (12.61 - 19.05)                     | 17.59             | (14.71 - 20.89)                     |
| Region 2                                  | 4.16                | (2.84 - 6.05)                         | *                   | (* - *)                               | 20.85             | (16.64 - 25.79)                     | 21.96             | (17.98 - 26.53)                     |
| Region 3                                  | 4.19                | (3.01 - 5.82)                         | 26.64               | (22.11 - 31.74)                       | 18.36             | (15.39 - 21.75)                     | 19.51             | (16.74 - 22.61)                     |
| Region 4                                  | *                   | (* - *)                               | *                   | (* - *)                               | 21.67             | (17.51 - 26.50)                     | 22.69             | (18.74 - 27.20)                     |
| Region 5                                  | 3.58                | (2.42 - 5.27)                         | 26.02               | (20.89 - 31.91)                       | 19.39             | (15.81 - 23.55)                     | 20.29             | (16.91 - 24.15)                     |
| Region 6                                  | 3.97                | (2.76 - 5.68)                         | 25.74               | (20.60 - 31.64)                       | 14.78             | (12.03 - 18.04)                     | 16.34             | (13.68 - 19.39)                     |
| Region 7                                  | 4.06                | (2.80 - 5.84)                         | *                   | (* - *)                               | 18.93             | (15.57 - 22.82)                     | 20.20             | (17.00 - 23.84)                     |
| <b>Connecticut</b>                        | 3.56                | (2.76 - 4.57)                         | 28.40               | (25.17 - 31.86)                       | 17.52             | (15.61 - 19.62)                     | 19.04             | (17.24 - 20.98)                     |
| Eastern                                   | 4.26                | (2.87 - 6.27)                         | *                   | (* - *)                               | 21.39             | (17.47 - 25.93)                     | 22.84             | (19.17 - 26.99)                     |
| North Central                             | 3.06                | (2.07 - 4.50)                         | 31.67               | (26.09 - 37.82)                       | 17.08             | (14.17 - 20.45)                     | 19.04             | (16.26 - 22.16)                     |
| Northwestern                              | 3.93                | (2.73 - 5.63)                         | 28.77               | (23.02 - 35.29)                       | 17.49             | (14.37 - 21.11)                     | 18.92             | (15.92 - 22.32)                     |
| South Central                             | 4.11                | (2.77 - 6.07)                         | 25.31               | (20.36 - 31.00)                       | 17.85             | (14.80 - 21.37)                     | 18.91             | (16.04 - 22.15)                     |
| Southwest                                 | 2.97                | (1.98 - 4.43)                         | 26.18               | (21.11 - 31.98)                       | 15.42             | (12.36 - 19.08)                     | 16.87             | (13.94 - 20.28)                     |
| <b>Delaware</b>                           | 3.56                | (2.75 - 4.61)                         | 27.52               | (24.58 - 30.68)                       | 21.44             | (19.38 - 23.65)                     | 22.27             | (20.39 - 24.27)                     |
| Kent                                      | 3.91                | (2.67 - 5.68)                         | 28.17               | (22.97 - 34.04)                       | 23.75             | (19.91 - 28.07)                     | 24.42             | (20.92 - 28.29)                     |
| New Castle (excluding<br>Wilmington City) | 3.30                | (2.35 - 4.63)                         | 26.10               | (22.51 - 30.04)                       | 18.62             | (16.13 - 21.41)                     | 19.70             | (17.45 - 22.17)                     |
| Sussex                                    | 4.30                | (2.96 - 6.22)                         | 31.25               | (25.36 - 37.81)                       | 23.36             | (19.59 - 27.61)                     | 24.18             | (20.58 - 28.18)                     |
| Wilmington City                           | 2.64                | (1.76 - 3.95)                         | *                   | (* - *)                               | 28.43             | (23.32 - 34.17)                     | 28.33             | (23.60 - 33.60)                     |
| <b>District of Columbia</b>               | 2.34                | (1.74 - 3.14)                         | 23.31               | (20.41 - 26.48)                       | 19.79             | (17.78 - 21.97)                     | 20.39             | (18.56 - 22.34)                     |
| Ward 1                                    | *                   | (* - *)                               | 19.27               | (14.91 - 24.55)                       | 18.71             | (14.93 - 23.17)                     | 18.79             | (15.38 - 22.76)                     |
| Ward 2                                    | *                   | (* - *)                               | 22.53               | (17.60 - 28.35)                       | 17.09             | (13.70 - 21.11)                     | 18.47             | (15.33 - 22.08)                     |
| Ward 3                                    | 3.52                | (2.27 - 5.41)                         | 21.91               | (16.82 - 28.02)                       | 14.10             | (11.04 - 17.83)                     | 15.38             | (12.45 - 18.85)                     |
| Ward 4                                    | 2.91                | (1.93 - 4.38)                         | *                   | (* - *)                               | 18.11             | (14.64 - 22.19)                     | 18.89             | (15.55 - 22.75)                     |
| Ward 5                                    | 2.15                | (1.40 - 3.29)                         | *                   | (* - *)                               | 21.77             | (17.90 - 26.22)                     | 22.73             | (19.08 - 26.84)                     |
| Ward 6                                    | 1.99                | (1.29 - 3.06)                         | 21.01               | (16.63 - 26.20)                       | 16.22             | (13.06 - 19.97)                     | 16.82             | (13.84 - 20.29)                     |
| Ward 7                                    | 1.73                | (1.11 - 2.69)                         | 23.69               | (18.58 - 29.68)                       | 24.95             | (20.55 - 29.92)                     | 24.73             | (20.75 - 29.19)                     |
| Ward 8                                    | 1.86                | (1.17 - 2.94)                         | *                   | (* - *)                               | 30.01             | (24.99 - 35.56)                     | 29.32             | (24.85 - 34.23)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 3.37                | (2.81 - 4.04)                         | 21.92               | (20.31 - 23.63)                       | 18.68             | (17.41 - 20.01)                     | 19.09             | (17.96 - 20.27)                     |
| Broward (Circuit 17)                                                    | 2.62                | (1.83 - 3.73)                         | 19.41               | (15.73 - 23.72)                       | 16.87             | (14.07 - 20.08)                     | 17.18             | (14.59 - 20.12)                     |
| Central I                                                               | 2.99                | (2.29 - 3.90)                         | 19.50               | (16.78 - 22.55)                       | 17.60             | (15.52 - 19.89)                     | 17.87             | (15.97 - 19.94)                     |
| Circuit 9                                                               | 2.30                | (1.61 - 3.28)                         | 17.56               | (14.38 - 21.27)                       | 16.46             | (13.92 - 19.35)                     | 16.63             | (14.35 - 19.19)                     |
| Circuit 18                                                              | 4.11                | (2.91 - 5.79)                         | 23.21               | (18.66 - 28.49)                       | 19.19             | (16.08 - 22.75)                     | 19.69             | (16.77 - 22.97)                     |
| Central II                                                              | 3.62                | (2.90 - 4.52)                         | 24.77               | (22.29 - 27.43)                       | 19.43             | (17.68 - 21.32)                     | 20.04             | (18.43 - 21.76)                     |
| Circuit 6                                                               | 4.40                | (3.11 - 6.19)                         | 25.55               | (20.95 - 30.77)                       | 21.48             | (18.23 - 25.13)                     | 21.90             | (18.86 - 25.29)                     |
| Circuit 10                                                              | 3.70                | (2.56 - 5.30)                         | 28.49               | (23.41 - 34.19)                       | 24.05             | (20.27 - 28.29)                     | 24.61             | (21.11 - 28.49)                     |
| Circuit 12                                                              | 3.89                | (2.72 - 5.55)                         | 26.41               | (20.93 - 32.73)                       | 16.54             | (13.43 - 20.21)                     | 17.48             | (14.49 - 20.94)                     |
| Circuit 13 (Hillsborough)                                               | 2.86                | (2.00 - 4.07)                         | 22.05               | (18.13 - 26.56)                       | 19.84             | (16.73 - 23.36)                     | 20.15             | (17.33 - 23.30)                     |
| Circuit 20                                                              | 3.51                | (2.41 - 5.07)                         | 24.07               | (18.97 - 30.02)                       | 15.86             | (12.93 - 19.32)                     | 16.70             | (13.88 - 19.96)                     |
| Northeast                                                               | 4.09                | (3.26 - 5.12)                         | 25.46               | (22.57 - 28.58)                       | 20.98             | (18.83 - 23.32)                     | 21.56             | (19.57 - 23.69)                     |
| Circuit 4                                                               | 3.80                | (2.68 - 5.37)                         | 24.68               | (19.96 - 30.10)                       | 20.98             | (17.31 - 25.19)                     | 21.49             | (18.10 - 25.31)                     |
| Circuit 5                                                               | 4.09                | (2.88 - 5.79)                         | 27.84               | (22.54 - 33.83)                       | 20.38             | (16.85 - 24.43)                     | 21.09             | (17.74 - 24.89)                     |
| Circuit 7                                                               | 4.24                | (2.96 - 6.05)                         | 28.56               | (23.26 - 34.53)                       | 20.10             | (16.74 - 23.94)                     | 21.08             | (17.88 - 24.68)                     |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | 4.57                | (3.22 - 6.44)                         | 21.26               | (16.63 - 26.77)                       | 24.02             | (19.82 - 28.79)                     | 23.46             | (19.71 - 27.67)                     |
| Northwest                                                               | 4.73                | (3.69 - 6.04)                         | 23.02               | (20.01 - 26.34)                       | 22.05             | (19.47 - 24.87)                     | 22.20             | (19.88 - 24.71)                     |
| Circuit 1                                                               | 4.41                | (3.10 - 6.23)                         | 22.43               | (18.22 - 27.29)                       | 19.98             | (16.46 - 24.04)                     | 20.33             | (17.10 - 24.00)                     |
| Circuit 2 plus Madison and<br>Taylor                                    | 4.47                | (3.09 - 6.41)                         | 20.82               | (16.71 - 25.63)                       | 22.64             | (18.68 - 27.15)                     | 22.22             | (18.79 - 26.07)                     |
| Circuit 14                                                              | *                   | (* - *)                               | *                   | (* - *)                               | 26.08             | (21.28 - 31.52)                     | 26.60             | (22.10 - 31.65)                     |
| South (Circuits 11 and 16)                                              | 2.14                | (1.46 - 3.11)                         | 14.64               | (11.75 - 18.09)                       | 14.52             | (12.30 - 17.06)                     | 14.54             | (12.53 - 16.81)                     |
| Southeast                                                               | 3.32                | (2.47 - 4.46)                         | 23.18               | (19.47 - 27.35)                       | 18.51             | (16.06 - 21.25)                     | 19.04             | (16.71 - 21.60)                     |
| Circuit 15 (Palm Beach)                                                 | 3.08                | (2.13 - 4.42)                         | 22.97               | (18.52 - 28.12)                       | 17.35             | (14.49 - 20.64)                     | 17.98             | (15.27 - 21.06)                     |
| Circuit 19                                                              | 3.85                | (2.63 - 5.62)                         | 23.66               | (18.69 - 29.47)                       | 21.06             | (17.34 - 25.33)                     | 21.35             | (17.83 - 25.35)                     |
| <b>Georgia</b>                                                          | 4.02                | (3.24 - 4.99)                         | 25.70               | (23.28 - 28.28)                       | 21.35             | (19.59 - 23.22)                     | 21.99             | (20.42 - 23.65)                     |
| Region 1                                                                | 4.40                | (3.17 - 6.06)                         | 26.85               | (22.48 - 31.72)                       | 19.53             | (16.85 - 22.54)                     | 20.51             | (18.00 - 23.26)                     |
| Region 2                                                                | 4.45                | (3.10 - 6.33)                         | 24.00               | (19.43 - 29.25)                       | 22.68             | (19.27 - 26.50)                     | 22.89             | (19.79 - 26.32)                     |
| Region 3                                                                | 2.84                | (2.03 - 3.97)                         | 23.38               | (19.80 - 27.38)                       | 18.75             | (16.15 - 21.65)                     | 19.41             | (17.06 - 22.00)                     |
| Region 4                                                                | 5.39                | (3.73 - 7.74)                         | 27.10               | (21.48 - 33.57)                       | 27.00             | (22.62 - 31.87)                     | 27.00             | (23.00 - 31.43)                     |
| Region 5                                                                | 4.98                | (3.48 - 7.06)                         | 28.38               | (23.29 - 34.08)                       | 26.75             | (22.59 - 31.37)                     | 27.01             | (23.27 - 31.11)                     |
| Region 6                                                                | 4.13                | (2.89 - 5.89)                         | 27.24               | (22.12 - 33.04)                       | 22.36             | (18.80 - 26.37)                     | 23.09             | (19.79 - 26.76)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 3.10                | (2.33 - 4.12)                         | 23.72               | (20.70 - 27.03)                       | 15.60             | (13.75 - 17.65)                     | 16.66             | (14.96 - 18.51)                     |
| Hawaii Island                   | 3.06                | (2.08 - 4.48)                         | *                   | (* - *)                               | 18.11             | (14.69 - 22.11)                     | 19.03             | (15.76 - 22.79)                     |
| Honolulu                        | 2.98                | (2.11 - 4.19)                         | 22.85               | (19.38 - 26.74)                       | 14.60             | (12.51 - 16.96)                     | 15.71             | (13.79 - 17.85)                     |
| Kauai                           | 3.82                | (2.53 - 5.74)                         | *                   | (* - *)                               | 17.56             | (13.90 - 21.94)                     | 18.76             | (15.17 - 22.97)                     |
| Maui                            | 3.58                | (2.40 - 5.30)                         | *                   | (* - *)                               | 17.95             | (14.46 - 22.06)                     | 18.89             | (15.53 - 22.77)                     |
| <b>Idaho</b>                    | 5.01                | (3.96 - 6.31)                         | 24.45               | (21.78 - 27.33)                       | 18.23             | (16.31 - 20.31)                     | 19.13             | (17.39 - 20.99)                     |
| Region 1                        | 7.07                | (4.82 - 10.25)                        | *                   | (* - *)                               | 19.23             | (15.48 - 23.63)                     | 20.40             | (16.84 - 24.49)                     |
| Region 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 18.30             | (14.42 - 22.94)                     | 19.18             | (15.54 - 23.44)                     |
| Region 3                        | 4.20                | (2.90 - 6.03)                         | 23.37               | (18.81 - 28.65)                       | 19.24             | (15.85 - 23.16)                     | 19.83             | (16.71 - 23.37)                     |
| Region 4                        | 5.33                | (3.73 - 7.56)                         | 27.49               | (22.99 - 32.50)                       | 17.23             | (14.52 - 20.32)                     | 18.58             | (16.03 - 21.43)                     |
| Region 5                        | 4.38                | (3.03 - 6.30)                         | 24.29               | (19.43 - 29.90)                       | 19.78             | (16.21 - 23.90)                     | 20.40             | (17.10 - 24.15)                     |
| Region 6                        | 4.68                | (3.18 - 6.85)                         | *                   | (* - *)                               | 19.34             | (15.41 - 23.98)                     | 19.96             | (16.26 - 24.25)                     |
| Region 7                        | 3.99                | (2.72 - 5.81)                         | 19.50               | (15.29 - 24.54)                       | 16.30             | (13.12 - 20.08)                     | 16.88             | (13.99 - 20.23)                     |
| <b>Illinois</b>                 | 4.06                | (3.41 - 4.82)                         | 28.05               | (26.00 - 30.20)                       | 20.53             | (19.10 - 22.03)                     | 21.60             | (20.30 - 22.95)                     |
| Region 1 (Cook)                 | 2.94                | (2.32 - 3.70)                         | 25.46               | (22.82 - 28.28)                       | 18.69             | (16.95 - 20.55)                     | 19.62             | (18.03 - 21.32)                     |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 18.73             | (15.02 - 23.11)                     | 19.67             | (16.08 - 23.83)                     |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 19.74             | (15.76 - 24.45)                     | 20.64             | (16.85 - 25.03)                     |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | *                   | (* - *)                               | 17.73             | (14.11 - 22.03)                     | 18.81             | (15.30 - 22.90)                     |
| Region 1.4 (West Side)          | *                   | (* - *)                               | 24.24               | (18.89 - 30.54)                       | 24.92             | (20.37 - 30.10)                     | 24.80             | (20.64 - 29.49)                     |
| Region 1.5 (South Side)         | 2.38                | (1.59 - 3.54)                         | *                   | (* - *)                               | 23.42             | (19.10 - 28.39)                     | 23.84             | (19.81 - 28.39)                     |
| Region 1.6 (Southwest Side)     | 3.04                | (2.05 - 4.50)                         | 25.36               | (19.98 - 31.61)                       | 23.22             | (18.75 - 28.37)                     | 23.56             | (19.45 - 28.23)                     |
| Region 1.7 (Suburban Cook)      | 2.78                | (2.01 - 3.85)                         | 25.24               | (21.31 - 29.62)                       | 15.80             | (13.54 - 18.36)                     | 17.02             | (14.92 - 19.35)                     |
| Region 2                        | 3.80                | (3.00 - 4.80)                         | 26.72               | (23.85 - 29.80)                       | 18.25             | (16.46 - 20.18)                     | 19.46             | (17.80 - 21.23)                     |
| Region 2a (DuPage)              | 3.20                | (2.22 - 4.59)                         | 23.84               | (18.93 - 29.56)                       | 12.68             | (10.28 - 15.54)                     | 14.17             | (11.85 - 16.87)                     |
| Region 2b                       | 3.79                | (2.74 - 5.21)                         | 25.45               | (21.54 - 29.80)                       | 18.05             | (15.63 - 20.75)                     | 19.12             | (16.89 - 21.57)                     |
| Region 2c (Winnebago)           | *                   | (* - *)                               | *                   | (* - *)                               | 24.26             | (19.88 - 29.25)                     | 25.05             | (20.90 - 29.70)                     |
| Region 2d                       | 4.63                | (3.28 - 6.51)                         | 32.97               | (27.21 - 39.30)                       | 24.29             | (20.30 - 28.78)                     | 25.60             | (21.89 - 29.69)                     |
| Region 3                        | 5.94                | (4.43 - 7.91)                         | 32.24               | (28.20 - 36.56)                       | 26.86             | (23.59 - 30.41)                     | 27.74             | (24.81 - 30.88)                     |
| Region 3a (Champaign)           | *                   | (* - *)                               | 25.54               | (20.16 - 31.79)                       | 19.94             | (15.90 - 24.70)                     | 21.47             | (17.72 - 25.76)                     |
| Region 3b                       | 6.12                | (4.48 - 8.32)                         | 34.45               | (29.56 - 39.70)                       | 27.85             | (24.22 - 31.79)                     | 28.81             | (25.48 - 32.37)                     |
| Region 4                        | 6.51                | (4.83 - 8.73)                         | 34.15               | (29.10 - 39.59)                       | 25.06             | (21.76 - 28.67)                     | 26.29             | (23.23 - 29.60)                     |
| Region 4a (Sangamon)            | *                   | (* - *)                               | *                   | (* - *)                               | 22.76             | (18.58 - 27.56)                     | 23.77             | (19.79 - 28.26)                     |
| Region 4b                       | 6.80                | (4.83 - 9.49)                         | 35.03               | (29.11 - 41.46)                       | 25.72             | (21.79 - 30.08)                     | 27.01             | (23.36 - 31.00)                     |
| Region 5                        | 6.05                | (4.56 - 7.98)                         | 33.45               | (28.98 - 38.24)                       | 25.23             | (22.15 - 28.57)                     | 26.35             | (23.49 - 29.43)                     |
| Region 5a                       | 4.69                | (3.23 - 6.76)                         | *                   | (* - *)                               | 21.79             | (17.79 - 26.40)                     | 22.83             | (19.04 - 27.13)                     |
| Region 5b                       | 7.25                | (5.13 - 10.16)                        | 36.57               | (30.66 - 42.91)                       | 27.97             | (23.86 - 32.48)                     | 29.15             | (25.34 - 33.28)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 6.08                | (4.94 - 7.46)                         | 32.23               | (29.10 - 35.54)                       | 25.39             | (23.13 - 27.79)                     | 26.41             | (24.36 - 28.57)                     |
| Central                                     | 4.63                | (3.26 - 6.54)                         | 26.95               | (22.40 - 32.05)                       | 19.38             | (16.49 - 22.63)                     | 20.43             | (17.78 - 23.37)                     |
| East                                        | 7.72                | (5.34 - 11.06)                        | *                   | (* - *)                               | 29.39             | (24.29 - 35.05)                     | 30.14             | (25.48 - 35.24)                     |
| North Central                               | 5.80                | (4.06 - 8.23)                         | 34.86               | (28.64 - 41.63)                       | 28.01             | (23.79 - 32.66)                     | 29.00             | (25.07 - 33.28)                     |
| Northeast                                   | 6.34                | (4.46 - 8.93)                         | *                   | (* - *)                               | 24.20             | (19.75 - 29.29)                     | 25.15             | (21.01 - 29.80)                     |
| Northwest                                   | 4.54                | (3.14 - 6.51)                         | *                   | (* - *)                               | 26.65             | (22.04 - 31.83)                     | 27.37             | (23.10 - 32.10)                     |
| Southeast                                   | 8.44                | (5.97 - 11.81)                        | *                   | (* - *)                               | 27.90             | (23.42 - 32.87)                     | 29.13             | (24.92 - 33.73)                     |
| Southwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | 27.11             | (22.38 - 32.43)                     | 28.11             | (23.69 - 32.99)                     |
| West                                        | 7.48                | (5.19 - 10.67)                        | *                   | (* - *)                               | 29.73             | (24.65 - 35.35)                     | 30.66             | (26.09 - 35.65)                     |
| <b>Iowa</b>                                 | 5.04                | (4.05 - 6.27)                         | 29.80               | (26.85 - 32.92)                       | 22.25             | (20.13 - 24.53)                     | 23.39             | (21.47 - 25.44)                     |
| Central                                     | 4.51                | (3.17 - 6.38)                         | 28.78               | (23.36 - 34.89)                       | 20.76             | (17.21 - 24.82)                     | 21.90             | (18.56 - 25.66)                     |
| North Central                               | 4.75                | (3.24 - 6.91)                         | 24.33               | (19.14 - 30.39)                       | 20.91             | (16.89 - 25.59)                     | 21.54             | (17.87 - 25.74)                     |
| Northeast                                   | 5.49                | (3.95 - 7.57)                         | 29.94               | (25.23 - 35.11)                       | 21.86             | (18.46 - 25.68)                     | 23.08             | (19.98 - 26.51)                     |
| Northwest                                   | 5.08                | (3.55 - 7.23)                         | 30.77               | (25.07 - 37.11)                       | 23.24             | (19.19 - 27.84)                     | 24.28             | (20.52 - 28.48)                     |
| Southeast                                   | 5.07                | (3.59 - 7.12)                         | 31.55               | (26.23 - 37.41)                       | 23.29             | (19.68 - 27.33)                     | 24.61             | (21.30 - 28.25)                     |
| Southwest                                   | 5.19                | (3.48 - 7.65)                         | *                   | (* - *)                               | 23.61             | (19.32 - 28.53)                     | 24.98             | (20.88 - 29.57)                     |
| <b>Kansas</b>                               | 4.52                | (3.54 - 5.75)                         | 24.34               | (21.49 - 27.44)                       | 19.78             | (17.75 - 21.97)                     | 20.48             | (18.64 - 22.45)                     |
| Northeast                                   | 3.95                | (2.83 - 5.48)                         | 21.86               | (18.34 - 25.84)                       | 16.69             | (14.26 - 19.44)                     | 17.52             | (15.30 - 19.99)                     |
| Northwest and North Central                 | 5.78                | (3.95 - 8.39)                         | *                   | (* - *)                               | 22.47             | (17.90 - 27.81)                     | 23.39             | (19.04 - 28.38)                     |
| South Central                               | 4.87                | (3.46 - 6.82)                         | 26.18               | (21.59 - 31.36)                       | 22.07             | (18.95 - 25.53)                     | 22.66             | (19.83 - 25.77)                     |
| Southeast                                   | 6.71                | (4.55 - 9.79)                         | *                   | (* - *)                               | 25.57             | (20.70 - 31.13)                     | 26.10             | (21.57 - 31.20)                     |
| Southwest                                   | 3.55                | (2.40 - 5.23)                         | *                   | (* - *)                               | 23.47             | (18.78 - 28.92)                     | 23.92             | (19.55 - 28.92)                     |
| <b>Kentucky</b>                             | 6.93                | (5.64 - 8.47)                         | 37.12               | (33.77 - 40.59)                       | 30.54             | (28.01 - 33.20)                     | 31.48             | (29.16 - 33.89)                     |
| Adanta, Cumberland River,<br>and Lifeskills | 9.20                | (6.76 - 12.40)                        | *                   | (* - *)                               | 33.56             | (28.76 - 38.73)                     | 34.73             | (30.33 - 39.40)                     |
| Bluegrass, Comprehend, and<br>North Key     | 5.67                | (4.05 - 7.88)                         | 34.94               | (30.11 - 40.10)                       | 26.79             | (23.10 - 30.82)                     | 28.00             | (24.67 - 31.60)                     |
| Centerstone                                 | 5.48                | (3.93 - 7.58)                         | 34.41               | (28.82 - 40.47)                       | 27.20             | (23.41 - 31.35)                     | 28.16             | (24.64 - 31.98)                     |
| Communicare and River Valley                | 7.17                | (5.04 - 10.11)                        | *                   | (* - *)                               | 35.29             | (29.49 - 41.55)                     | 35.56             | (30.25 - 41.25)                     |
| Four Rivers and Pennyroyal                  | 7.57                | (5.25 - 10.80)                        | *                   | (* - *)                               | 32.45             | (27.33 - 38.02)                     | 32.94             | (28.23 - 38.02)                     |
| Kentucky River, Mountain,<br>and Pathways   | 9.24                | (6.55 - 12.89)                        | *                   | (* - *)                               | 36.12             | (30.85 - 41.73)                     | 36.98             | (32.09 - 42.14)                     |

See notes at end of table.

(continued)



**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 5.78                | (4.66 - 7.15)                         | 31.94               | (28.79 - 35.26)                       | 27.41             | (25.09 - 29.85)                     | 28.07             | (25.98 - 30.26)                     |
| Regions 1 and 10      | 4.11                | (3.02 - 5.57)                         | 27.65               | (22.84 - 33.04)                       | 23.43             | (20.11 - 27.10)                     | 24.01             | (20.91 - 27.42)                     |
| Region 1              | 4.27                | (2.92 - 6.20)                         | *                   | (* - *)                               | 24.92             | (20.36 - 30.12)                     | 25.38             | (21.15 - 30.13)                     |
| Region 10 (Jefferson) | 3.94                | (2.66 - 5.79)                         | *                   | (* - *)                               | 21.85             | (17.90 - 26.38)                     | 22.51             | (18.76 - 26.76)                     |
| Regions 2 and 9       | 5.33                | (3.81 - 7.41)                         | 32.61               | (27.81 - 37.79)                       | 26.67             | (23.04 - 30.64)                     | 27.57             | (24.32 - 31.08)                     |
| Region 3              | 6.04                | (4.25 - 8.51)                         | *                   | (* - *)                               | 27.85             | (23.26 - 32.96)                     | 28.81             | (24.54 - 33.50)                     |
| Regions 4, 5, and 6   | 7.14                | (5.18 - 9.76)                         | 36.18               | (30.26 - 42.56)                       | 31.03             | (26.88 - 35.51)                     | 31.78             | (27.95 - 35.89)                     |
| Regions 7 and 8       | 5.88                | (4.17 - 8.23)                         | 28.56               | (23.49 - 34.23)                       | 27.55             | (23.64 - 31.85)                     | 27.70             | (24.14 - 31.58)                     |
| <b>Maine</b>          | 6.58                | (5.34 - 8.09)                         | 29.04               | (25.92 - 32.36)                       | 20.75             | (18.61 - 23.07)                     | 21.75             | (19.76 - 23.88)                     |
| Aroostook/Downeast    | 7.56                | (5.65 - 10.06)                        | 32.71               | (27.43 - 38.46)                       | 23.64             | (20.05 - 27.64)                     | 24.64             | (21.24 - 28.38)                     |
| Aroostook             | 7.02                | (4.95 - 9.89)                         | *                   | (* - *)                               | 27.16             | (22.39 - 32.52)                     | 27.80             | (23.28 - 32.82)                     |
| Downeast              | *                   | (* - *)                               | *                   | (* - *)                               | 20.83             | (16.47 - 26.00)                     | 22.11             | (17.89 - 26.99)                     |
| Central               | 6.91                | (4.89 - 9.68)                         | *                   | (* - *)                               | 23.36             | (19.16 - 28.17)                     | 24.31             | (20.35 - 28.75)                     |
| Cumberland            | 5.41                | (3.85 - 7.56)                         | 28.97               | (23.70 - 34.88)                       | 16.73             | (13.71 - 20.26)                     | 18.25             | (15.38 - 21.51)                     |
| Midcoast              | 7.29                | (5.12 - 10.28)                        | *                   | (* - *)                               | 18.44             | (14.94 - 22.55)                     | 19.69             | (16.30 - 23.60)                     |
| Penquis               | 6.82                | (4.79 - 9.63)                         | 24.73               | (19.57 - 30.73)                       | 22.82             | (18.52 - 27.77)                     | 23.10             | (19.16 - 27.56)                     |
| Western               | 6.58                | (4.67 - 9.20)                         | *                   | (* - *)                               | 23.74             | (19.77 - 28.22)                     | 24.69             | (20.95 - 28.85)                     |
| York                  | 6.58                | (4.58 - 9.37)                         | 25.44               | (20.44 - 31.20)                       | 19.02             | (15.41 - 23.26)                     | 19.76             | (16.35 - 23.68)                     |
| <b>Maryland</b>       | 3.61                | (2.86 - 4.54)                         | 24.48               | (21.58 - 27.63)                       | 19.03             | (17.08 - 21.13)                     | 19.77             | (17.98 - 21.70)                     |
| Anne Arundel          | 3.75                | (2.53 - 5.52)                         | *                   | (* - *)                               | 17.97             | (14.40 - 22.19)                     | 19.35             | (15.90 - 23.34)                     |
| Baltimore City        | 3.13                | (2.09 - 4.65)                         | 24.79               | (19.71 - 30.67)                       | 29.81             | (24.96 - 35.17)                     | 29.01             | (24.67 - 33.79)                     |
| Baltimore County      | 3.92                | (2.64 - 5.77)                         | 24.91               | (19.56 - 31.15)                       | 19.52             | (15.91 - 23.72)                     | 20.26             | (16.85 - 24.16)                     |
| Montgomery            | 2.89                | (1.94 - 4.28)                         | 19.31               | (14.85 - 24.73)                       | 11.95             | (9.50 - 14.93)                      | 12.81             | (10.45 - 15.61)                     |
| North Central         | 4.11                | (2.78 - 6.05)                         | *                   | (* - *)                               | 14.29             | (11.17 - 18.10)                     | 15.73             | (12.67 - 19.37)                     |
| Northeast             | 4.73                | (3.24 - 6.85)                         | *                   | (* - *)                               | 19.63             | (15.64 - 24.33)                     | 20.55             | (16.75 - 24.96)                     |
| Prince George's       | 2.15                | (1.42 - 3.25)                         | 21.31               | (16.73 - 26.74)                       | 18.71             | (15.26 - 22.72)                     | 19.11             | (15.93 - 22.75)                     |
| South                 | 4.22                | (2.87 - 6.16)                         | *                   | (* - *)                               | 21.05             | (17.05 - 25.69)                     | 21.83             | (18.07 - 26.13)                     |
| West                  | 5.05                | (3.53 - 7.18)                         | *                   | (* - *)                               | 23.06             | (18.87 - 27.87)                     | 23.82             | (19.85 - 28.31)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 3.22                | (2.48 - 4.17)                         | 24.97               | (22.10 - 28.07)                       | 17.21             | (15.32 - 19.28)                     | 18.36             | (16.61 - 20.24)                     |
| Boston                | 2.15                | (1.42 - 3.23)                         | 23.94               | (18.84 - 29.92)                       | 19.67             | (15.91 - 24.06)                     | 20.53             | (17.07 - 24.50)                     |
| Central               | 3.30                | (2.19 - 4.96)                         | 26.93               | (21.33 - 33.39)                       | 18.52             | (15.14 - 22.45)                     | 19.73             | (16.52 - 23.40)                     |
| Metrowest             | 3.31                | (2.28 - 4.80)                         | 22.52               | (17.85 - 27.98)                       | 13.63             | (11.06 - 16.68)                     | 14.84             | (12.39 - 17.67)                     |
| Northeast             | 2.71                | (1.83 - 3.98)                         | 23.15               | (18.40 - 28.70)                       | 15.85             | (13.00 - 19.17)                     | 16.82             | (14.13 - 19.91)                     |
| Southeast             | 4.29                | (2.90 - 6.32)                         | 28.50               | (22.89 - 34.87)                       | 19.15             | (15.67 - 23.19)                     | 20.36             | (17.07 - 24.10)                     |
| Western               | 2.94                | (1.97 - 4.36)                         | 26.31               | (20.82 - 32.66)                       | 19.45             | (15.73 - 23.79)                     | 20.59             | (17.09 - 24.60)                     |
| <b>Michigan</b>       | 4.79                | (4.06 - 5.65)                         | 27.88               | (25.90 - 29.95)                       | 23.60             | (22.13 - 25.14)                     | 24.23             | (22.94 - 25.57)                     |
| Region 1              | 7.00                | (4.91 - 9.89)                         | 31.14               | (25.26 - 37.70)                       | 27.02             | (22.47 - 32.11)                     | 27.61             | (23.42 - 32.24)                     |
| Region 2              | 7.07                | (4.93 - 10.05)                        | *                   | (* - *)                               | 23.18             | (19.17 - 27.73)                     | 24.33             | (20.51 - 28.62)                     |
| Region 3              | 3.69                | (2.66 - 5.09)                         | 24.60               | (20.52 - 29.21)                       | 22.84             | (19.92 - 26.05)                     | 23.11             | (20.46 - 25.99)                     |
| Region 4              | 5.94                | (4.25 - 8.25)                         | 28.11               | (23.57 - 33.14)                       | 27.68             | (24.15 - 31.51)                     | 27.74             | (24.58 - 31.14)                     |
| Region 5              | 5.08                | (3.84 - 6.70)                         | 30.15               | (26.18 - 34.44)                       | 25.78             | (22.81 - 29.00)                     | 26.51             | (23.87 - 29.33)                     |
| Region 6              | 4.57                | (3.26 - 6.37)                         | 25.24               | (20.52 - 30.64)                       | 20.07             | (16.90 - 23.66)                     | 20.92             | (18.01 - 24.16)                     |
| Region 7              | 3.86                | (2.82 - 5.27)                         | 25.98               | (22.18 - 30.17)                       | 24.24             | (21.22 - 27.53)                     | 24.49             | (21.83 - 27.37)                     |
| Region 8              | 4.25                | (3.09 - 5.83)                         | 25.35               | (20.94 - 30.34)                       | 17.07             | (14.58 - 19.88)                     | 18.10             | (15.78 - 20.67)                     |
| Region 9              | 5.43                | (3.94 - 7.44)                         | 30.31               | (25.38 - 35.75)                       | 24.68             | (21.03 - 28.73)                     | 25.40             | (22.04 - 29.08)                     |
| Region 10             | 5.34                | (3.89 - 7.29)                         | 32.31               | (26.85 - 38.29)                       | 26.70             | (22.85 - 30.93)                     | 27.46             | (23.92 - 31.31)                     |
| <b>Minnesota</b>      | 4.42                | (3.53 - 5.53)                         | 26.47               | (23.60 - 29.54)                       | 20.03             | (18.07 - 22.16)                     | 20.92             | (19.11 - 22.87)                     |
| Regions 1 and 2       | 5.95                | (4.32 - 8.14)                         | 29.37               | (24.14 - 35.20)                       | 22.82             | (19.16 - 26.95)                     | 23.70             | (20.24 - 27.54)                     |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | 22.77             | (18.16 - 28.16)                     | 23.82             | (19.43 - 28.84)                     |
| Region 2              | 6.03                | (4.05 - 8.90)                         | *                   | (* - *)                               | 22.86             | (18.32 - 28.13)                     | 23.62             | (19.30 - 28.57)                     |
| Regions 3 and 4       | 6.00                | (4.43 - 8.07)                         | 29.02               | (24.19 - 34.37)                       | 23.50             | (20.15 - 27.21)                     | 24.28             | (21.14 - 27.74)                     |
| Region 3              | 6.30                | (4.25 - 9.24)                         | *                   | (* - *)                               | 23.30             | (18.47 - 28.94)                     | 24.20             | (19.56 - 29.54)                     |
| Region 4              | 5.86                | (4.08 - 8.35)                         | 28.56               | (22.96 - 34.89)                       | 23.61             | (19.67 - 28.06)                     | 24.33             | (20.66 - 28.42)                     |
| Regions 5 and 6       | 4.26                | (3.12 - 5.81)                         | 26.12               | (21.86 - 30.89)                       | 21.34             | (18.09 - 24.99)                     | 22.03             | (19.01 - 25.39)                     |
| Region 5              | 4.02                | (2.74 - 5.87)                         | 25.11               | (19.94 - 31.11)                       | 21.77             | (17.55 - 26.67)                     | 22.26             | (18.37 - 26.70)                     |
| Region 6              | 4.51                | (3.03 - 6.64)                         | *                   | (* - *)                               | 20.89             | (16.83 - 25.63)                     | 21.81             | (17.92 - 26.26)                     |
| Region 7              | 3.73                | (2.86 - 4.86)                         | 25.23               | (21.87 - 28.92)                       | 18.01             | (15.85 - 20.39)                     | 18.99             | (16.99 - 21.16)                     |
| Region 7A (Hennepin)  | 3.39                | (2.34 - 4.87)                         | 25.34               | (20.71 - 30.60)                       | 17.14             | (14.30 - 20.41)                     | 18.22             | (15.56 - 21.22)                     |
| Region 7B (Ramsey)    | 3.71                | (2.55 - 5.37)                         | 24.69               | (19.35 - 30.94)                       | 20.68             | (16.83 - 25.15)                     | 21.31             | (17.74 - 25.38)                     |
| Region 7C             | 4.02                | (2.83 - 5.68)                         | 25.41               | (20.59 - 30.91)                       | 17.74             | (14.80 - 21.14)                     | 18.74             | (15.96 - 21.87)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 5.96                | (4.82 - 7.34)                         | 29.91               | (26.81 - 33.20)                       | 26.62             | (24.33 - 29.05)                     | 27.12             | (25.06 - 29.29)                     |
| Region 1                               | 6.97                | (5.09 - 9.47)                         | 31.88               | (26.51 - 37.78)                       | 28.37             | (24.45 - 32.65)                     | 28.90             | (25.33 - 32.76)                     |
| Region 2                               | 4.86                | (3.37 - 6.97)                         | 27.53               | (21.90 - 33.99)                       | 27.59             | (23.10 - 32.59)                     | 27.58             | (23.45 - 32.12)                     |
| Region 3                               | 6.59                | (4.59 - 9.37)                         | 29.40               | (23.82 - 35.68)                       | 28.49             | (23.94 - 33.54)                     | 28.64             | (24.52 - 33.14)                     |
| Region 4                               | 4.71                | (3.27 - 6.73)                         | 29.16               | (23.94 - 35.01)                       | 22.12             | (18.56 - 26.16)                     | 23.18             | (19.88 - 26.84)                     |
| Region 5                               | 6.11                | (4.13 - 8.95)                         | *                   | (* - *)                               | 29.60             | (23.99 - 35.89)                     | 29.78             | (24.52 - 35.63)                     |
| Region 6                               | 6.18                | (4.30 - 8.79)                         | 28.04               | (22.40 - 34.46)                       | 27.69             | (23.33 - 32.51)                     | 27.74             | (23.71 - 32.16)                     |
| Region 7                               | 6.09                | (4.27 - 8.61)                         | *                   | (* - *)                               | 25.24             | (21.02 - 29.98)                     | 26.10             | (22.20 - 30.41)                     |
| <b>Missouri</b>                        | 6.38                | (5.16 - 7.87)                         | 32.36               | (29.11 - 35.80)                       | 24.29             | (22.15 - 26.55)                     | 25.44             | (23.49 - 27.49)                     |
| Central                                | 6.59                | (4.55 - 9.48)                         | 31.18               | (25.58 - 37.38)                       | 24.19             | (19.99 - 28.95)                     | 25.40             | (21.57 - 29.66)                     |
| Eastern                                | 5.93                | (4.48 - 7.82)                         | 30.34               | (25.85 - 35.24)                       | 23.59             | (20.71 - 26.75)                     | 24.51             | (21.85 - 27.39)                     |
| Eastern (St. Louis City and<br>County) | 5.28                | (3.68 - 7.53)                         | 29.09               | (23.66 - 35.18)                       | 23.99             | (20.39 - 28.01)                     | 24.70             | (21.37 - 28.36)                     |
| Eastern (excluding St. Louis)          | 6.87                | (4.90 - 9.55)                         | *                   | (* - *)                               | 22.91             | (19.15 - 27.15)                     | 24.19             | (20.62 - 28.16)                     |
| Northwest                              | 5.13                | (3.85 - 6.82)                         | 33.02               | (28.16 - 38.28)                       | 24.07             | (21.02 - 27.40)                     | 25.31             | (22.48 - 28.38)                     |
| Northwest (Jackson)                    | 4.17                | (2.89 - 5.97)                         | *                   | (* - *)                               | 24.45             | (20.38 - 29.03)                     | 25.31             | (21.47 - 29.57)                     |
| Northwest (excluding Jackson)          | 5.90                | (4.13 - 8.36)                         | *                   | (* - *)                               | 23.74             | (19.77 - 28.22)                     | 25.32             | (21.63 - 29.41)                     |
| Southeast                              | 9.03                | (6.37 - 12.66)                        | 35.67               | (29.50 - 42.36)                       | 27.41             | (22.79 - 32.57)                     | 28.53             | (24.27 - 33.22)                     |
| Southwest                              | 7.21                | (5.07 - 10.15)                        | 34.59               | (28.53 - 41.19)                       | 23.86             | (19.88 - 28.36)                     | 25.37             | (21.63 - 29.52)                     |
| <b>Montana</b>                         | 7.22                | (5.91 - 8.80)                         | 28.39               | (25.50 - 31.47)                       | 21.07             | (18.87 - 23.46)                     | 22.11             | (20.10 - 24.25)                     |
| Region 1                               | 7.90                | (5.56 - 11.10)                        | *                   | (* - *)                               | 25.58             | (20.64 - 31.25)                     | 26.42             | (21.74 - 31.69)                     |
| Region 2                               | 7.08                | (5.04 - 9.85)                         | 27.93               | (22.48 - 34.12)                       | 22.94             | (18.78 - 27.70)                     | 23.67             | (19.84 - 27.98)                     |
| Region 3                               | 6.77                | (4.92 - 9.25)                         | 29.59               | (24.32 - 35.47)                       | 20.94             | (17.67 - 24.63)                     | 22.06             | (18.99 - 25.47)                     |
| Region 4                               | 6.94                | (5.04 - 9.48)                         | 26.96               | (22.62 - 31.79)                       | 20.00             | (16.75 - 23.71)                     | 21.05             | (18.09 - 24.33)                     |
| Region 5                               | 7.68                | (5.65 - 10.36)                        | 28.34               | (23.86 - 33.31)                       | 20.07             | (16.90 - 23.67)                     | 21.24             | (18.32 - 24.50)                     |
| <b>Nebraska</b>                        | 4.70                | (3.71 - 5.93)                         | 28.37               | (25.30 - 31.66)                       | 23.36             | (21.16 - 25.72)                     | 24.12             | (22.12 - 26.23)                     |
| Regions 1 and 2                        | 5.09                | (3.69 - 6.98)                         | 34.09               | (28.00 - 40.75)                       | 25.41             | (21.43 - 29.85)                     | 26.58             | (22.78 - 30.77)                     |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | 25.87             | (20.83 - 31.64)                     | 26.98             | (22.16 - 32.42)                     |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | 25.01             | (20.16 - 30.58)                     | 26.23             | (21.58 - 31.49)                     |
| Region 3                               | 4.95                | (3.43 - 7.11)                         | *                   | (* - *)                               | 23.15             | (19.07 - 27.80)                     | 24.07             | (20.27 - 28.33)                     |
| Region 4                               | 4.60                | (3.16 - 6.64)                         | *                   | (* - *)                               | 23.42             | (19.07 - 28.41)                     | 23.88             | (19.82 - 28.47)                     |
| Region 5                               | 5.35                | (3.77 - 7.52)                         | 29.00               | (23.87 - 34.74)                       | 23.40             | (19.80 - 27.44)                     | 24.34             | (21.02 - 28.00)                     |
| Region 6                               | 4.24                | (3.02 - 5.92)                         | 26.83               | (22.69 - 31.40)                       | 22.87             | (19.75 - 26.32)                     | 23.46             | (20.66 - 26.52)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 3.88                | (2.96 - 5.06)                         | 24.66               | (21.68 - 27.89)                       | 21.70             | (19.42 - 24.17)                     | 22.10             | (20.01 - 24.34)                     |
| Clark – Region 1        | 3.49                | (2.55 - 4.77)                         | 23.82               | (20.43 - 27.58)                       | 21.29             | (18.70 - 24.13)                     | 21.63             | (19.28 - 24.18)                     |
| Region 3                | 5.47                | (3.89 - 7.64)                         | 29.76               | (24.21 - 35.99)                       | 24.21             | (20.21 - 28.73)                     | 24.87             | (21.06 - 29.12)                     |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | 22.40             | (17.56 - 28.14)                     | 23.11             | (18.45 - 28.53)                     |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | 25.89             | (20.91 - 31.58)                     | 26.48             | (21.77 - 31.80)                     |
| Washoe – Region 2       | 4.46                | (3.06 - 6.48)                         | 25.01               | (19.81 - 31.06)                       | 21.61             | (17.91 - 25.84)                     | 22.08             | (18.61 - 25.98)                     |
| <b>New Hampshire</b>    | 5.70                | (4.58 - 7.08)                         | 28.70               | (25.56 - 32.07)                       | 19.24             | (17.24 - 21.41)                     | 20.53             | (18.67 - 22.51)                     |
| Central                 | 6.52                | (4.88 - 8.66)                         | 28.84               | (24.71 - 33.36)                       | 21.73             | (18.83 - 24.94)                     | 22.75             | (20.06 - 25.69)                     |
| Central 1               | 6.87                | (4.80 - 9.73)                         | 26.56               | (21.25 - 32.64)                       | 21.76             | (17.87 - 26.22)                     | 22.52             | (18.92 - 26.59)                     |
| Central 2               | 6.21                | (4.32 - 8.84)                         | 31.67               | (26.41 - 37.44)                       | 21.70             | (18.09 - 25.81)                     | 22.98             | (19.62 - 26.73)                     |
| Northern                | 7.09                | (4.95 - 10.05)                        | *                   | (* - *)                               | 20.37             | (16.58 - 24.78)                     | 21.67             | (18.11 - 25.72)                     |
| Southern                | 5.09                | (3.92 - 6.59)                         | 28.41               | (24.53 - 32.63)                       | 17.79             | (15.49 - 20.35)                     | 19.18             | (17.04 - 21.52)                     |
| Southern 1 (Rockingham) | 5.01                | (3.48 - 7.15)                         | *                   | (* - *)                               | 15.96             | (13.13 - 19.25)                     | 17.42             | (14.70 - 20.53)                     |
| Southern 2              | 5.15                | (3.78 - 6.98)                         | 28.49               | (23.90 - 33.58)                       | 18.96             | (16.08 - 22.22)                     | 20.28             | (17.62 - 23.22)                     |
| <b>New Jersey</b>       | 3.12                | (2.47 - 3.92)                         | 24.93               | (22.42 - 27.61)                       | 17.16             | (15.50 - 18.95)                     | 18.18             | (16.66 - 19.80)                     |
| Central                 | 3.46                | (2.44 - 4.87)                         | 28.14               | (23.55 - 33.24)                       | 17.45             | (14.73 - 20.55)                     | 18.80             | (16.25 - 21.64)                     |
| Metropolitan            | 2.52                | (1.75 - 3.60)                         | 23.12               | (19.09 - 27.71)                       | 16.24             | (13.56 - 19.33)                     | 17.20             | (14.72 - 20.01)                     |
| Northern                | 3.14                | (2.25 - 4.37)                         | 22.85               | (19.16 - 27.01)                       | 15.48             | (13.15 - 18.14)                     | 16.41             | (14.27 - 18.80)                     |
| Southern                | 3.40                | (2.43 - 4.73)                         | 26.81               | (22.36 - 31.78)                       | 20.54             | (17.50 - 23.94)                     | 21.38             | (18.57 - 24.48)                     |
| <b>New Mexico</b>       | 3.57                | (2.74 - 4.64)                         | 30.21               | (27.00 - 33.62)                       | 21.35             | (19.23 - 23.63)                     | 22.63             | (20.67 - 24.71)                     |
| Region 1                | 4.21                | (2.89 - 6.09)                         | 32.02               | (26.26 - 38.39)                       | 22.88             | (19.06 - 27.21)                     | 24.21             | (20.65 - 28.16)                     |
| Region 2                | 3.59                | (2.37 - 5.40)                         | *                   | (* - *)                               | 18.27             | (14.80 - 22.35)                     | 19.95             | (16.54 - 23.87)                     |
| Region 3 (Bernalillo)   | 3.27                | (2.24 - 4.75)                         | 27.73               | (23.31 - 32.63)                       | 20.71             | (17.68 - 24.11)                     | 21.70             | (18.94 - 24.75)                     |
| Region 4                | 3.49                | (2.33 - 5.18)                         | *                   | (* - *)                               | 24.94             | (20.71 - 29.70)                     | 26.26             | (22.31 - 30.63)                     |
| Region 5                | 3.32                | (2.37 - 4.63)                         | 29.04               | (24.39 - 34.17)                       | 20.95             | (17.88 - 24.41)                     | 22.24             | (19.36 - 25.42)                     |
| Region 5a               | 3.49                | (2.34 - 5.18)                         | *                   | (* - *)                               | 21.79             | (17.72 - 26.50)                     | 23.13             | (19.27 - 27.51)                     |
| Region 5b (Dona Ana)    | 3.18                | (2.11 - 4.77)                         | 27.19               | (21.64 - 33.56)                       | 20.13             | (16.36 - 24.52)                     | 21.42             | (17.90 - 25.42)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 3.34                | (2.80 - 3.99)                         | 23.00               | (21.28 - 24.82)                       | 19.88             | (18.60 - 21.23)                     | 20.33             | (19.20 - 21.52)                     |
| Region 1: Long Island                          | 2.96                | (2.13 - 4.09)                         | 21.10               | (17.58 - 25.11)                       | 15.22             | (12.90 - 17.87)                     | 16.03             | (13.86 - 18.46)                     |
| Region 2: New York City                        | 2.42                | (1.91 - 3.05)                         | 21.16               | (18.98 - 23.51)                       | 18.58             | (16.91 - 20.38)                     | 18.95             | (17.43 - 20.56)                     |
| Region 2A: Bronx                               | 1.90                | (1.29 - 2.78)                         | 19.09               | (15.24 - 23.65)                       | 19.27             | (16.08 - 22.92)                     | 19.23             | (16.35 - 22.47)                     |
| Region 2B: Kings                               | 2.50                | (1.73 - 3.59)                         | 21.72               | (17.90 - 26.10)                       | 19.81             | (17.00 - 22.94)                     | 20.08             | (17.52 - 22.91)                     |
| Region 2C: New York                            | 2.90                | (1.99 - 4.21)                         | 25.93               | (21.49 - 30.93)                       | 19.28             | (16.17 - 22.82)                     | 20.14             | (17.24 - 23.38)                     |
| Region 2D: Queens                              | 2.38                | (1.65 - 3.42)                         | 17.96               | (14.58 - 21.93)                       | 16.46             | (13.80 - 19.51)                     | 16.65             | (14.21 - 19.42)                     |
| Region 2E: Richmond                            | 2.80                | (1.90 - 4.11)                         | 23.18               | (18.00 - 29.32)                       | 18.21             | (14.61 - 22.46)                     | 18.90             | (15.49 - 22.85)                     |
| Region 3: Mid-Hudson                           | 3.16                | (2.25 - 4.41)                         | 23.00               | (18.83 - 27.77)                       | 18.15             | (15.45 - 21.21)                     | 18.85             | (16.35 - 21.64)                     |
| Region 4: Capital Region                       | 4.59                | (3.22 - 6.49)                         | 28.56               | (23.41 - 34.33)                       | 23.02             | (19.42 - 27.06)                     | 23.83             | (20.50 - 27.51)                     |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | 29.67             | (24.57 - 35.34)                     | 29.93             | (25.20 - 35.14)                     |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | 27.49             | (22.71 - 32.84)                     | 27.91             | (23.42 - 32.90)                     |
| Region 7: Tug Hill Seaway                      | 5.87                | (4.09 - 8.36)                         | *                   | (* - *)                               | 27.73             | (23.03 - 32.97)                     | 27.59             | (23.34 - 32.28)                     |
| Region 8: Central                              | 4.93                | (3.58 - 6.76)                         | 27.08               | (22.28 - 32.49)                       | 27.42             | (23.63 - 31.57)                     | 27.36             | (23.96 - 31.05)                     |
| Region 9: Southern Tier                        | 5.16                | (3.59 - 7.35)                         | 24.52               | (19.48 - 30.38)                       | 24.10             | (19.97 - 28.78)                     | 24.16             | (20.40 - 28.37)                     |
| Region 10: Finger Lakes                        | 4.25                | (3.01 - 5.98)                         | 23.36               | (19.02 - 28.36)                       | 21.13             | (17.99 - 24.65)                     | 21.46             | (18.61 - 24.62)                     |
| Region 11: Western                             | 4.43                | (3.23 - 6.05)                         | 24.99               | (20.87 - 29.61)                       | 24.88             | (21.85 - 28.18)                     | 24.89             | (22.13 - 27.87)                     |
| <b>North Carolina</b>                          | 4.26                | (3.51 - 5.17)                         | 27.98               | (25.57 - 30.52)                       | 22.23             | (20.46 - 24.11)                     | 23.04             | (21.43 - 24.72)                     |
| Alliance Behavioral<br>Healthcare 1            | 3.40                | (2.33 - 4.93)                         | 26.17               | (21.11 - 31.95)                       | 22.72             | (18.84 - 27.12)                     | 23.25             | (19.67 - 27.26)                     |
| Alliance Behavioral<br>Healthcare 2            | 3.47                | (2.43 - 4.94)                         | 22.59               | (17.73 - 28.31)                       | 15.50             | (12.59 - 18.95)                     | 16.49             | (13.70 - 19.72)                     |
| Cardinal Innovations<br>Healthcare Solutions 1 | 4.11                | (2.87 - 5.86)                         | *                   | (* - *)                               | 21.50             | (17.78 - 25.77)                     | 22.54             | (19.03 - 26.48)                     |
| Cardinal Innovations<br>Healthcare Solutions 2 | 4.08                | (2.79 - 5.92)                         | 28.37               | (22.68 - 34.85)                       | 22.68             | (18.65 - 27.30)                     | 23.52             | (19.79 - 27.71)                     |
| Cardinal Innovations<br>Healthcare Solutions 3 | 3.11                | (2.13 - 4.53)                         | 24.42               | (19.77 - 29.76)                       | 19.40             | (16.00 - 23.32)                     | 20.09             | (16.93 - 23.67)                     |
| CenterPoint Human Services                     | 4.11                | (2.84 - 5.90)                         | 28.00               | (22.49 - 34.27)                       | 23.51             | (19.35 - 28.24)                     | 24.11             | (20.22 - 28.49)                     |
| Eastpointe                                     | 4.34                | (3.03 - 6.19)                         | 28.12               | (23.00 - 33.88)                       | 27.18             | (22.95 - 31.88)                     | 27.32             | (23.43 - 31.58)                     |
| Partners Behavioral Health<br>Management       | 4.94                | (3.43 - 7.06)                         | 31.44               | (25.52 - 38.03)                       | 23.09             | (19.05 - 27.70)                     | 24.15             | (20.34 - 28.42)                     |
| Sandhills Center 1                             | *                   | (* - *)                               | *                   | (* - *)                               | 27.03             | (22.34 - 32.29)                     | 27.87             | (23.51 - 32.70)                     |
| Sandhills Center 2                             | 3.85                | (2.62 - 5.63)                         | 24.79               | (19.39 - 31.13)                       | 20.92             | (17.06 - 25.39)                     | 21.52             | (17.92 - 25.60)                     |
| Smoky Mountain Center 1                        | 6.29                | (4.38 - 8.95)                         | *                   | (* - *)                               | 23.47             | (19.28 - 28.25)                     | 24.52             | (20.59 - 28.93)                     |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 21.00             | (17.22 - 25.36)                     | 22.20             | (18.56 - 26.32)                     |
| Trillium Health Resources 1                    | 4.63                | (3.17 - 6.71)                         | 29.74               | (24.18 - 35.98)                       | 23.66             | (19.57 - 28.32)                     | 24.62             | (20.86 - 28.81)                     |
| Trillium Health Resources 2                    | *                   | (* - *)                               | *                   | (* - *)                               | 23.14             | (18.76 - 28.18)                     | 23.96             | (19.91 - 28.54)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 6.42                | (5.23 - 7.87)                         | 29.87               | (26.97 - 32.94)                       | 23.34             | (21.23 - 25.60)                     | 24.51             | (22.60 - 26.52)                     |
| Badlands and West Central     | 7.06                | (5.33 - 9.31)                         | 32.33               | (27.45 - 37.63)                       | 21.94             | (19.14 - 25.03)                     | 23.47             | (20.80 - 26.36)                     |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | 23.34             | (18.91 - 28.45)                     | 24.86             | (20.57 - 29.71)                     |
| West Central                  | 7.10                | (5.13 - 9.74)                         | 31.99               | (26.42 - 38.12)                       | 21.53             | (18.37 - 25.08)                     | 23.06             | (20.04 - 26.38)                     |
| Lake Region                   | 8.43                | (5.78 - 12.15)                        | *                   | (* - *)                               | 26.86             | (21.78 - 32.64)                     | 27.69             | (22.92 - 33.03)                     |
| North Central                 | 5.81                | (4.09 - 8.21)                         | *                   | (* - *)                               | 24.41             | (20.15 - 29.24)                     | 25.88             | (21.89 - 30.32)                     |
| Northeast                     | 5.93                | (4.14 - 8.42)                         | 26.47               | (21.70 - 31.85)                       | 25.63             | (21.40 - 30.38)                     | 25.79             | (22.21 - 29.74)                     |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | 24.69             | (19.77 - 30.37)                     | 25.69             | (20.98 - 31.04)                     |
| South Central                 | 6.01                | (4.06 - 8.83)                         | *                   | (* - *)                               | 22.72             | (18.38 - 27.74)                     | 24.57             | (20.33 - 29.37)                     |
| Southeast                     | 5.70                | (4.12 - 7.83)                         | 27.07               | (23.00 - 31.57)                       | 22.42             | (19.09 - 26.14)                     | 23.36             | (20.42 - 26.58)                     |
| <b>Ohio</b>                   | 5.48                | (4.65 - 6.44)                         | 31.66               | (29.57 - 33.82)                       | 25.34             | (23.80 - 26.95)                     | 26.22             | (24.83 - 27.66)                     |
| Boards 2, 46, 55, and 68      | 6.76                | (4.85 - 9.35)                         | *                   | (* - *)                               | 28.92             | (24.18 - 34.16)                     | 29.89             | (25.45 - 34.75)                     |
| Boards 3, 52, and 85          | 6.10                | (4.22 - 8.75)                         | *                   | (* - *)                               | 19.80             | (16.01 - 24.22)                     | 20.95             | (17.33 - 25.11)                     |
| Boards 4 and 78               | 8.25                | (5.73 - 11.76)                        | *                   | (* - *)                               | 29.90             | (25.06 - 35.23)                     | 31.20             | (26.65 - 36.15)                     |
| Boards 5 and 60               | 8.14                | (5.73 - 11.45)                        | 33.12               | (27.12 - 39.73)                       | 30.55             | (25.35 - 36.29)                     | 30.99             | (26.29 - 36.11)                     |
| Boards 7, 15, 41, 79, and 84  | 7.22                | (5.08 - 10.15)                        | *                   | (* - *)                               | 27.27             | (22.75 - 32.30)                     | 28.28             | (24.01 - 32.97)                     |
| Boards 8, 13, and 83          | 5.69                | (4.00 - 8.04)                         | *                   | (* - *)                               | 21.35             | (17.65 - 25.58)                     | 22.65             | (19.10 - 26.64)                     |
| Board 9 (Butler)              | 4.76                | (3.32 - 6.78)                         | *                   | (* - *)                               | 23.73             | (19.79 - 28.18)                     | 24.40             | (20.69 - 28.53)                     |
| Board 12                      | 5.17                | (3.58 - 7.41)                         | 28.64               | (22.92 - 35.14)                       | 23.58             | (19.32 - 28.45)                     | 24.36             | (20.43 - 28.78)                     |
| Boards 18 and 47              | 4.15                | (3.00 - 5.71)                         | 33.95               | (29.18 - 39.07)                       | 25.00             | (21.81 - 28.48)                     | 26.20             | (23.30 - 29.31)                     |
| Boards 20, 32, 54, and 69     | 5.43                | (3.79 - 7.72)                         | *                   | (* - *)                               | 30.67             | (26.14 - 35.60)                     | 31.56             | (27.31 - 36.14)                     |
| Boards 21, 39, 51, 70, and 80 | 5.86                | (4.21 - 8.11)                         | 31.86               | (26.00 - 38.35)                       | 25.02             | (20.87 - 29.68)                     | 25.90             | (22.01 - 30.20)                     |
| Boards 22, 74, and 87         | 5.76                | (4.05 - 8.13)                         | *                   | (* - *)                               | 30.05             | (25.31 - 35.26)                     | 30.32             | (25.97 - 35.05)                     |
| Boards 23 and 45              | 6.00                | (4.27 - 8.38)                         | 29.37               | (23.84 - 35.59)                       | 25.82             | (21.75 - 30.37)                     | 26.33             | (22.59 - 30.44)                     |
| Board 25 (Franklin)           | 4.30                | (3.08 - 5.98)                         | 30.51               | (25.98 - 35.45)                       | 22.57             | (19.25 - 26.28)                     | 23.78             | (20.74 - 27.11)                     |
| Boards 27, 71, and 73         | 7.22                | (5.15 - 10.03)                        | *                   | (* - *)                               | 31.31             | (26.30 - 36.79)                     | 31.87             | (27.22 - 36.92)                     |
| Boards 28, 43, and 67         | 5.65                | (3.96 - 8.01)                         | 28.71               | (23.26 - 34.86)                       | 22.17             | (18.45 - 26.40)                     | 23.10             | (19.64 - 26.97)                     |
| Board 31 (Hamilton)           | 4.91                | (3.50 - 6.83)                         | 29.20               | (23.97 - 35.04)                       | 24.59             | (20.88 - 28.72)                     | 25.26             | (21.84 - 29.00)                     |
| Board 48 (Lucas)              | 4.53                | (3.22 - 6.35)                         | 30.65               | (24.82 - 37.18)                       | 28.46             | (23.87 - 33.55)                     | 28.79             | (24.58 - 33.39)                     |
| Boards 50 and 76              | 5.12                | (3.63 - 7.18)                         | 33.05               | (27.11 - 39.58)                       | 25.63             | (21.76 - 29.94)                     | 26.59             | (22.97 - 30.56)                     |
| Board 57 (Montgomery)         | 5.24                | (3.75 - 7.28)                         | 28.74               | (23.37 - 34.80)                       | 24.89             | (20.71 - 29.61)                     | 25.43             | (21.53 - 29.76)                     |
| Board 77 (Summit)             | 5.23                | (3.64 - 7.48)                         | 25.96               | (20.94 - 31.70)                       | 20.72             | (17.11 - 24.87)                     | 21.42             | (18.03 - 25.24)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 6.16                | (5.00 - 7.58)                         | 31.40               | (28.19 - 34.81)                       | 26.48             | (24.12 - 28.97)                     | 27.21             | (25.07 - 29.47)                     |
| Central                               | 6.37                | (4.44 - 9.05)                         | 29.97               | (24.32 - 36.32)                       | 25.62             | (21.42 - 30.33)                     | 26.31             | (22.43 - 30.60)                     |
| East Central                          | 7.74                | (5.42 - 10.94)                        | *                   | (* - *)                               | 29.11             | (24.39 - 34.33)                     | 29.48             | (25.12 - 34.25)                     |
| Northeast                             | 7.85                | (5.52 - 11.04)                        | 28.66               | (23.13 - 34.90)                       | 25.86             | (21.69 - 30.52)                     | 26.31             | (22.50 - 30.52)                     |
| Northwest and Southwest               | 6.01                | (4.17 - 8.60)                         | 37.50               | (31.26 - 44.18)                       | 31.91             | (27.10 - 37.14)                     | 32.77             | (28.39 - 37.47)                     |
| Oklahoma County                       | 4.09                | (2.81 - 5.91)                         | 29.13               | (23.71 - 35.23)                       | 22.72             | (18.85 - 27.13)                     | 23.65             | (20.06 - 27.66)                     |
| Southeast                             | 8.29                | (5.86 - 11.59)                        | *                   | (* - *)                               | 28.72             | (24.18 - 33.74)                     | 29.73             | (25.46 - 34.38)                     |
| Tulsa County                          | 4.50                | (3.16 - 6.38)                         | 28.17               | (22.60 - 34.50)                       | 23.62             | (19.70 - 28.04)                     | 24.27             | (20.64 - 28.31)                     |
| <b>Oregon</b>                         | 5.07                | (4.02 - 6.38)                         | 26.95               | (24.03 - 30.08)                       | 18.17             | (16.27 - 20.25)                     | 19.34             | (17.59 - 21.22)                     |
| Region 1 (Multnomah)                  | 4.36                | (3.02 - 6.26)                         | 25.74               | (20.62 - 31.63)                       | 18.43             | (15.27 - 22.07)                     | 19.35             | (16.36 - 22.74)                     |
| Region 2                              | 4.22                | (2.98 - 5.95)                         | 25.59               | (21.00 - 30.80)                       | 14.25             | (11.70 - 17.24)                     | 15.70             | (13.27 - 18.48)                     |
| Region 3                              | 5.48                | (3.89 - 7.67)                         | 26.47               | (22.06 - 31.41)                       | 20.25             | (17.14 - 23.76)                     | 21.19             | (18.35 - 24.35)                     |
| Region 4                              | 6.30                | (4.38 - 8.97)                         | 30.88               | (25.22 - 37.18)                       | 19.06             | (15.66 - 23.00)                     | 20.44             | (17.21 - 24.10)                     |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | 16.11             | (12.44 - 20.62)                     | 17.55             | (13.93 - 21.88)                     |
| Region 6 (Eastern)                    | 5.41                | (3.72 - 7.82)                         | *                   | (* - *)                               | 21.87             | (17.59 - 26.86)                     | 22.88             | (18.82 - 27.52)                     |
| <b>Pennsylvania</b>                   | 4.37                | (3.68 - 5.17)                         | 29.22               | (27.17 - 31.36)                       | 22.67             | (21.21 - 24.20)                     | 23.57             | (22.26 - 24.92)                     |
| Region 1 (Allegheny)                  | 4.73                | (3.37 - 6.60)                         | 27.54               | (22.73 - 32.94)                       | 21.76             | (18.64 - 25.24)                     | 22.49             | (19.55 - 25.73)                     |
| Regions 3, 8, 9, and 51               | 6.22                | (4.41 - 8.70)                         | 32.34               | (26.80 - 38.43)                       | 22.69             | (18.99 - 26.87)                     | 24.00             | (20.55 - 27.83)                     |
| Regions 4, 11, 37, and 49             | 3.83                | (2.68 - 5.44)                         | 28.18               | (22.95 - 34.07)                       | 24.73             | (20.98 - 28.90)                     | 25.19             | (21.74 - 28.99)                     |
| Regions 5, 18, 23, 24, and 46         | 5.19                | (3.67 - 7.28)                         | 28.18               | (23.17 - 33.80)                       | 20.81             | (17.33 - 24.77)                     | 21.76             | (18.51 - 25.39)                     |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 6.33                | (4.44 - 8.93)                         | 27.82               | (22.79 - 33.46)                       | 25.23             | (21.25 - 29.67)                     | 25.69             | (22.13 - 29.60)                     |
| Regions 7, 13, 20, and 33             | 3.63                | (2.68 - 4.91)                         | 27.43               | (23.44 - 31.81)                       | 15.71             | (13.43 - 18.30)                     | 17.23             | (15.11 - 19.58)                     |
| Regions 10, 15, 27, 32, 43, and 44    | 6.20                | (4.37 - 8.74)                         | *                   | (* - *)                               | 27.48             | (23.05 - 32.41)                     | 28.23             | (24.05 - 32.83)                     |
| Regions 17 and 21                     | 5.73                | (4.01 - 8.13)                         | *                   | (* - *)                               | 26.80             | (22.43 - 31.67)                     | 27.20             | (23.13 - 31.68)                     |
| Regions 19, 26, 28, and 42            | 4.08                | (2.93 - 5.67)                         | 31.81               | (26.98 - 37.07)                       | 23.95             | (20.78 - 27.43)                     | 24.97             | (22.03 - 28.17)                     |
| Regions 22, 38, 40, 41, and 48        | 5.64                | (4.00 - 7.89)                         | 34.19               | (28.27 - 40.64)                       | 24.50             | (20.75 - 28.68)                     | 25.60             | (22.07 - 29.48)                     |
| Regions 29 and 34                     | 3.21                | (2.17 - 4.71)                         | 28.29               | (22.62 - 34.76)                       | 22.73             | (18.63 - 27.44)                     | 23.49             | (19.63 - 27.86)                     |
| Regions 30 and 50                     | 4.76                | (3.38 - 6.66)                         | 33.91               | (27.84 - 40.56)                       | 26.99             | (22.79 - 31.64)                     | 27.86             | (23.90 - 32.20)                     |
| Region 36 (Philadelphia)              | 2.78                | (1.94 - 3.97)                         | 27.03               | (22.86 - 31.65)                       | 26.83             | (23.11 - 30.91)                     | 26.85             | (23.57 - 30.41)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 3.79                | (2.95 - 4.85)                         | 25.19               | (22.05 - 28.62)                       | 19.92             | (17.80 - 22.24)                     | 20.74             | (18.76 - 22.86)                     |
| Region 1: Southern Providence<br>County                   | 2.86                | (1.91 - 4.27)                         | *                   | (* - *)                               | 18.60             | (15.26 - 22.48)                     | 19.47             | (16.29 - 23.10)                     |
| Region 2: Northern Providence<br>County/Blackstone Valley | 3.20                | (2.17 - 4.70)                         | 26.09               | (20.99 - 31.93)                       | 23.36             | (19.42 - 27.83)                     | 23.72             | (20.08 - 27.79)                     |
| Region 3: Providence                                      | 2.86                | (1.86 - 4.38)                         | 21.67               | (16.80 - 27.48)                       | 22.62             | (18.31 - 27.59)                     | 22.32             | (18.56 - 26.59)                     |
| Region 4: Kent County                                     | 5.18                | (3.52 - 7.57)                         | *                   | (* - *)                               | 21.25             | (17.57 - 25.46)                     | 22.40             | (18.91 - 26.33)                     |
| Region 5: East Bay                                        | 4.27                | (2.94 - 6.16)                         | *                   | (* - *)                               | 19.65             | (15.91 - 24.02)                     | 20.90             | (17.32 - 24.99)                     |
| Region 6: Newport County                                  | 4.62                | (3.15 - 6.71)                         | *                   | (* - *)                               | 14.76             | (11.59 - 18.60)                     | 16.24             | (13.11 - 19.95)                     |
| Region 7: South County                                    | 4.87                | (3.32 - 7.09)                         | *                   | (* - *)                               | 14.40             | (11.39 - 18.04)                     | 15.96             | (12.99 - 19.45)                     |
| <b>South Carolina</b>                                     | 5.00                | (3.99 - 6.24)                         | 31.26               | (28.23 - 34.45)                       | 24.09             | (21.97 - 26.36)                     | 25.09             | (23.16 - 27.13)                     |
| Region 1                                                  | 5.73                | (4.14 - 7.87)                         | 30.82               | (26.05 - 36.03)                       | 26.40             | (22.64 - 30.54)                     | 27.02             | (23.62 - 30.72)                     |
| Region 2                                                  | 4.49                | (3.20 - 6.26)                         | 30.60               | (25.82 - 35.85)                       | 23.77             | (20.28 - 27.64)                     | 24.78             | (21.57 - 28.28)                     |
| Region 3                                                  | 5.22                | (3.70 - 7.30)                         | 31.06               | (25.32 - 37.45)                       | 23.93             | (20.28 - 28.01)                     | 24.85             | (21.43 - 28.62)                     |
| Region 4                                                  | 4.46                | (3.13 - 6.31)                         | 32.52               | (27.34 - 38.17)                       | 21.82             | (18.83 - 25.13)                     | 23.30             | (20.52 - 26.34)                     |
| <b>South Dakota</b>                                       | 7.22                | (5.85 - 8.89)                         | 32.23               | (28.95 - 35.69)                       | 22.98             | (20.88 - 25.23)                     | 24.35             | (22.42 - 26.40)                     |
| Region 1                                                  | 8.00                | (5.78 - 10.97)                        | 35.91               | (30.38 - 41.84)                       | 22.57             | (19.25 - 26.27)                     | 24.46             | (21.35 - 27.86)                     |
| Region 2                                                  | 7.48                | (5.23 - 10.60)                        | *                   | (* - *)                               | 24.71             | (20.29 - 29.73)                     | 26.16             | (21.97 - 30.84)                     |
| Region 3                                                  | 7.98                | (5.78 - 10.93)                        | 30.52               | (25.28 - 36.33)                       | 23.33             | (19.78 - 27.29)                     | 24.52             | (21.25 - 28.12)                     |
| Region 4                                                  | 8.30                | (5.80 - 11.74)                        | 33.86               | (27.73 - 40.58)                       | 25.87             | (21.53 - 30.74)                     | 27.15             | (23.14 - 31.56)                     |
| Region 5                                                  | 5.38                | (3.81 - 7.54)                         | 28.69               | (23.92 - 33.98)                       | 21.11             | (17.96 - 24.66)                     | 22.15             | (19.24 - 25.37)                     |
| <b>Tennessee</b>                                          | 5.25                | (4.23 - 6.51)                         | 29.87               | (26.82 - 33.10)                       | 24.64             | (22.47 - 26.95)                     | 25.38             | (23.39 - 27.46)                     |
| Region 1                                                  | 7.09                | (4.97 - 10.02)                        | 33.73               | (27.65 - 40.40)                       | 25.49             | (21.00 - 30.56)                     | 26.52             | (22.34 - 31.17)                     |
| Region 2                                                  | 5.88                | (4.16 - 8.25)                         | 30.83               | (25.34 - 36.93)                       | 25.14             | (21.31 - 29.41)                     | 25.89             | (22.33 - 29.81)                     |
| Region 3                                                  | 6.09                | (4.30 - 8.57)                         | 32.69               | (26.72 - 39.28)                       | 24.63             | (20.65 - 29.10)                     | 25.72             | (21.98 - 29.85)                     |
| Region 4 (Davidson)                                       | 3.53                | (2.36 - 5.25)                         | *                   | (* - *)                               | 23.23             | (18.80 - 28.34)                     | 24.09             | (19.95 - 28.79)                     |
| Region 5                                                  | 5.66                | (4.07 - 7.81)                         | 31.13               | (25.92 - 36.86)                       | 25.40             | (21.89 - 29.27)                     | 26.21             | (22.97 - 29.73)                     |
| Region 6                                                  | 5.93                | (4.10 - 8.51)                         | *                   | (* - *)                               | 28.58             | (23.78 - 33.90)                     | 29.07             | (24.66 - 33.91)                     |
| Region 7 (Shelby)                                         | 2.80                | (1.89 - 4.13)                         | 21.87               | (17.00 - 27.68)                       | 20.36             | (16.66 - 24.64)                     | 20.60             | (17.19 - 24.47)                     |

See notes at end of table.

(continued)



**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 3.36                | (2.78 - 4.05)                         | 25.61               | (23.88 - 27.42)                       | 20.22             | (18.97 - 21.53)                     | 21.06             | (19.95 - 22.21)                     |
| Region 1                                                    | 4.22                | (2.90 - 6.12)                         | 27.09               | (21.54 - 33.47)                       | 24.16             | (20.24 - 28.57)                     | 24.66             | (21.03 - 28.69)                     |
| Region 2                                                    | 4.77                | (3.33 - 6.81)                         | *                   | (* - *)                               | 28.16             | (23.51 - 33.32)                     | 29.01             | (24.68 - 33.76)                     |
| Region 3                                                    | 3.30                | (2.54 - 4.26)                         | 23.34               | (20.69 - 26.23)                       | 18.05             | (16.31 - 19.94)                     | 18.83             | (17.23 - 20.54)                     |
| Region 3a                                                   | 3.03                | (2.19 - 4.19)                         | 22.42               | (19.23 - 25.98)                       | 17.04             | (14.92 - 19.40)                     | 17.83             | (15.88 - 19.96)                     |
| Region 3bc                                                  | 3.77                | (2.70 - 5.22)                         | 24.97               | (21.01 - 29.40)                       | 19.84             | (17.22 - 22.75)                     | 20.59             | (18.19 - 23.21)                     |
| Region 4                                                    | 5.18                | (3.66 - 7.27)                         | 33.41               | (27.65 - 39.71)                       | 26.46             | (22.71 - 30.57)                     | 27.42             | (23.90 - 31.23)                     |
| Region 5                                                    | 4.76                | (3.30 - 6.83)                         | *                   | (* - *)                               | 24.40             | (20.25 - 29.09)                     | 25.26             | (21.38 - 29.58)                     |
| Region 6                                                    | 2.96                | (2.22 - 3.95)                         | 23.35               | (20.33 - 26.67)                       | 18.50             | (16.48 - 20.71)                     | 19.23             | (17.39 - 21.22)                     |
| Region 6a                                                   | 2.89                | (2.11 - 3.94)                         | 22.89               | (19.68 - 26.46)                       | 18.14             | (16.00 - 20.50)                     | 18.86             | (16.91 - 20.98)                     |
| Region 6bc                                                  | 3.63                | (2.46 - 5.32)                         | 27.70               | (22.12 - 34.07)                       | 21.50             | (17.51 - 26.11)                     | 22.36             | (18.56 - 26.67)                     |
| Region 7                                                    | 3.54                | (2.66 - 4.69)                         | 26.42               | (22.89 - 30.29)                       | 21.35             | (18.92 - 23.99)                     | 22.21             | (19.99 - 24.60)                     |
| Region 7a                                                   | 3.45                | (2.41 - 4.91)                         | 25.30               | (20.92 - 30.24)                       | 18.55             | (15.72 - 21.75)                     | 19.58             | (16.96 - 22.50)                     |
| Region 7bcd                                                 | 3.69                | (2.58 - 5.24)                         | 27.92               | (22.94 - 33.52)                       | 26.58             | (22.74 - 30.80)                     | 26.83             | (23.37 - 30.59)                     |
| Region 8                                                    | 2.95                | (2.06 - 4.21)                         | 28.54               | (24.29 - 33.20)                       | 20.43             | (17.59 - 23.59)                     | 21.68             | (19.10 - 24.50)                     |
| Region 9                                                    | 3.77                | (2.58 - 5.46)                         | *                   | (* - *)                               | 24.75             | (20.24 - 29.88)                     | 25.44             | (21.21 - 30.18)                     |
| Region 10                                                   | 3.23                | (2.19 - 4.73)                         | 25.67               | (20.68 - 31.39)                       | 19.13             | (15.48 - 23.41)                     | 20.27             | (16.91 - 24.09)                     |
| Region 11                                                   | 3.08                | (2.27 - 4.17)                         | 24.89               | (21.17 - 29.02)                       | 21.31             | (18.56 - 24.35)                     | 21.91             | (19.44 - 24.61)                     |
| Region 11abd                                                | 3.13                | (2.17 - 4.51)                         | 26.29               | (21.41 - 31.84)                       | 22.54             | (18.87 - 26.70)                     | 23.16             | (19.83 - 26.87)                     |
| Region 11c (Hidalgo)                                        | 3.01                | (2.02 - 4.45)                         | 22.65               | (17.89 - 28.24)                       | 19.12             | (15.55 - 23.29)                     | 19.75             | (16.44 - 23.54)                     |
| <b>Utah</b>                                                 | 3.08                | (2.27 - 4.17)                         | 17.40               | (14.82 - 20.33)                       | 13.90             | (12.24 - 15.75)                     | 14.53             | (13.01 - 16.20)                     |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | 3.52                | (2.25 - 5.45)                         | 16.45               | (12.03 - 22.08)                       | 16.24             | (12.61 - 20.68)                     | 16.26             | (12.93 - 20.26)                     |
| Central, Four Corners, San<br>Juan, and Southwest           | 4.43                | (3.03 - 6.45)                         | 19.26               | (14.89 - 24.53)                       | 15.56             | (12.76 - 18.84)                     | 16.20             | (13.51 - 19.30)                     |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | 17.92             | (14.00 - 22.65)                     | 18.20             | (14.49 - 22.61)                     |
| Southwest                                                   | 4.35                | (2.81 - 6.67)                         | *                   | (* - *)                               | 14.09             | (10.92 - 17.99)                     | 14.97             | (11.90 - 18.65)                     |
| Davis County                                                | 2.85                | (1.81 - 4.44)                         | *                   | (* - *)                               | 12.00             | (9.30 - 15.35)                      | 12.69             | (10.10 - 15.83)                     |
| Salt Lake County                                            | 2.81                | (1.91 - 4.12)                         | 19.74               | (16.13 - 23.94)                       | 14.06             | (11.86 - 16.58)                     | 14.97             | (12.95 - 17.24)                     |
| Utah County                                                 | 2.68                | (1.73 - 4.11)                         | 13.89               | (10.56 - 18.05)                       | 10.80             | (8.46 - 13.69)                      | 11.54             | (9.39 - 14.09)                      |
| Weber, Morgan                                               | 2.92                | (1.89 - 4.49)                         | 18.97               | (14.36 - 24.64)                       | 15.96             | (12.70 - 19.86)                     | 16.45             | (13.42 - 20.01)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 6.26                | (5.02 - 7.78)                         | 34.83               | (31.17 - 38.67)                       | 21.44             | (19.29 - 23.76)                     | 23.43             | (21.42 - 25.57)                     |
| Champlain Valley                      | 5.59                | (4.06 - 7.66)                         | 36.24               | (31.19 - 41.62)                       | 20.12             | (17.25 - 23.34)                     | 22.92             | (20.24 - 25.83)                     |
| Rural Northeast                       | 7.54                | (5.41 - 10.42)                        | *                   | (* - *)                               | 24.53             | (20.62 - 28.90)                     | 25.96             | (22.29 - 30.00)                     |
| Rural Southeast                       | 5.82                | (4.15 - 8.10)                         | 31.32               | (25.39 - 37.94)                       | 18.37             | (15.36 - 21.83)                     | 19.91             | (17.02 - 23.16)                     |
| Rural Southwest                       | 6.61                | (4.64 - 9.33)                         | *                   | (* - *)                               | 24.24             | (20.26 - 28.73)                     | 25.62             | (21.84 - 29.81)                     |
| <b>Virginia</b>                       | 4.06                | (3.27 - 5.04)                         | 27.42               | (24.91 - 30.08)                       | 20.90             | (19.22 - 22.68)                     | 21.82             | (20.31 - 23.42)                     |
| Region 1                              | 4.68                | (3.33 - 6.54)                         | 27.82               | (22.98 - 33.24)                       | 20.48             | (17.34 - 24.03)                     | 21.63             | (18.70 - 24.88)                     |
| Region 2                              | 2.53                | (1.76 - 3.62)                         | 20.65               | (16.97 - 24.90)                       | 12.41             | (10.35 - 14.80)                     | 13.38             | (11.44 - 15.60)                     |
| Region 3                              | 6.76                | (4.87 - 9.31)                         | 34.45               | (29.50 - 39.75)                       | 29.37             | (25.58 - 33.46)                     | 30.11             | (26.69 - 33.77)                     |
| Region 4                              | 4.14                | (2.90 - 5.88)                         | 27.26               | (22.72 - 32.33)                       | 23.25             | (20.02 - 26.82)                     | 23.82             | (20.86 - 27.06)                     |
| Region 5                              | 3.85                | (2.74 - 5.39)                         | 28.68               | (24.10 - 33.73)                       | 24.12             | (21.01 - 27.54)                     | 24.83             | (22.00 - 27.89)                     |
| <b>Washington</b>                     | 3.90                | (3.06 - 4.97)                         | 23.16               | (20.42 - 26.13)                       | 17.33             | (15.46 - 19.38)                     | 18.14             | (16.41 - 20.00)                     |
| Region 1                              | 4.06                | (2.97 - 5.51)                         | 22.32               | (18.36 - 26.87)                       | 19.23             | (16.26 - 22.60)                     | 19.72             | (16.97 - 22.80)                     |
| Greater Columbia and North<br>Central | 3.15                | (2.11 - 4.68)                         | 19.05               | (14.66 - 24.38)                       | 17.57             | (14.06 - 21.73)                     | 17.81             | (14.60 - 21.55)                     |
| Spokane                               | 5.61                | (3.80 - 8.20)                         | *                   | (* - *)                               | 21.56             | (17.29 - 26.55)                     | 22.49             | (18.43 - 27.14)                     |
| Region 2                              | 3.47                | (2.56 - 4.70)                         | 21.39               | (18.02 - 25.19)                       | 14.22             | (12.18 - 16.53)                     | 15.15             | (13.24 - 17.27)                     |
| King                                  | 3.17                | (2.17 - 4.61)                         | 20.84               | (16.73 - 25.65)                       | 12.74             | (10.45 - 15.45)                     | 13.76             | (11.60 - 16.25)                     |
| North Sound                           | 3.96                | (2.70 - 5.75)                         | 22.28               | (17.59 - 27.79)                       | 16.88             | (13.64 - 20.71)                     | 17.62             | (14.57 - 21.15)                     |
| Region 3                              | 4.35                | (3.30 - 5.72)                         | 26.24               | (22.53 - 30.33)                       | 20.63             | (17.92 - 23.62)                     | 21.39             | (18.86 - 24.16)                     |
| Pierce                                | 4.05                | (2.77 - 5.90)                         | 27.82               | (22.55 - 33.77)                       | 22.00             | (18.12 - 26.44)                     | 22.84             | (19.22 - 26.91)                     |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | 16.81             | (13.04 - 21.39)                     | 17.65             | (14.02 - 21.98)                     |
| SW WA and Great Rivers                | 4.62                | (3.11 - 6.81)                         | 26.31               | (20.82 - 32.65)                       | 21.94             | (17.68 - 26.88)                     | 22.51             | (18.51 - 27.07)                     |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 19.65             | (15.52 - 24.55)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 8.14                | (6.71 - 9.84)                         | 38.91               | (35.56 - 42.38)                       | 30.81             | (28.20 - 33.56)                     | 31.87             | (29.50 - 34.34)                     |
| Region I                      | 7.57                | (5.27 - 10.76)                        | *                   | (* - *)                               | 28.71             | (23.58 - 34.45)                     | 29.79             | (24.97 - 35.12)                     |
| Region II                     | 6.00                | (4.23 - 8.46)                         | *                   | (* - *)                               | 23.45             | (19.27 - 28.22)                     | 24.61             | (20.68 - 29.01)                     |
| Region III                    | 8.38                | (6.00 - 11.58)                        | *                   | (* - *)                               | 30.01             | (25.03 - 35.50)                     | 30.87             | (26.20 - 35.96)                     |
| Region IV                     | 9.36                | (6.87 - 12.63)                        | 40.06               | (34.38 - 46.03)                       | 34.14             | (29.60 - 38.99)                     | 35.13             | (31.08 - 39.40)                     |
| Region V                      | 8.24                | (6.06 - 11.11)                        | 40.56               | (34.98 - 46.39)                       | 32.21             | (27.85 - 36.90)                     | 33.20             | (29.19 - 37.48)                     |
| Region VI                     | 8.69                | (6.34 - 11.80)                        | 41.16               | (35.15 - 47.45)                       | 31.73             | (27.41 - 36.38)                     | 32.80             | (28.82 - 37.04)                     |
| <b>Wisconsin</b>              | 5.06                | (4.08 - 6.26)                         | 26.34               | (23.45 - 29.46)                       | 21.81             | (19.63 - 24.15)                     | 22.45             | (20.47 - 24.57)                     |
| Milwaukee                     | 3.05                | (2.09 - 4.42)                         | 23.26               | (18.54 - 28.75)                       | 24.21             | (20.32 - 28.57)                     | 24.04             | (20.49 - 27.98)                     |
| Northeastern                  | 5.48                | (3.89 - 7.67)                         | 26.74               | (21.59 - 32.62)                       | 22.03             | (18.35 - 26.22)                     | 22.66             | (19.22 - 26.51)                     |
| Northern                      | 6.46                | (4.48 - 9.22)                         | *                   | (* - *)                               | 23.82             | (19.33 - 28.99)                     | 24.60             | (20.35 - 29.41)                     |
| Southeastern                  | 4.61                | (3.25 - 6.50)                         | 24.43               | (19.39 - 30.30)                       | 19.88             | (16.45 - 23.83)                     | 20.49             | (17.29 - 24.11)                     |
| Southern                      | 4.56                | (3.18 - 6.50)                         | 26.66               | (21.86 - 32.09)                       | 19.41             | (16.12 - 23.18)                     | 20.44             | (17.38 - 23.87)                     |
| Western                       | 7.63                | (5.38 - 10.72)                        | 29.91               | (24.17 - 36.36)                       | 23.76             | (19.51 - 28.61)                     | 24.70             | (20.78 - 29.08)                     |
| <b>Wyoming</b>                | 7.03                | (5.68 - 8.67)                         | 30.89               | (27.59 - 34.40)                       | 23.53             | (21.37 - 25.84)                     | 24.59             | (22.59 - 26.70)                     |
| Judicial District 1 (Laramie) | 7.14                | (4.92 - 10.26)                        | *                   | (* - *)                               | 25.23             | (21.38 - 29.50)                     | 26.14             | (22.51 - 30.13)                     |
| Judicial District 2           | 5.36                | (3.66 - 7.77)                         | 23.95               | (19.08 - 29.62)                       | 22.24             | (18.24 - 26.82)                     | 22.65             | (19.15 - 26.57)                     |
| Judicial District 3           | 5.76                | (4.00 - 8.22)                         | *                   | (* - *)                               | 21.68             | (17.68 - 26.28)                     | 22.55             | (18.79 - 26.80)                     |
| Judicial District 4           | 8.02                | (5.47 - 11.61)                        | *                   | (* - *)                               | 19.96             | (15.61 - 25.15)                     | 21.33             | (17.10 - 26.27)                     |
| Judicial District 5           | 6.92                | (4.76 - 9.95)                         | *                   | (* - *)                               | 20.22             | (16.50 - 24.54)                     | 21.51             | (17.92 - 25.59)                     |
| Judicial District 6           | 7.54                | (5.27 - 10.66)                        | *                   | (* - *)                               | 27.94             | (23.18 - 33.27)                     | 28.69             | (24.26 - 33.55)                     |
| Judicial District 7 (Natrona) | 7.27                | (5.14 - 10.20)                        | *                   | (* - *)                               | 27.57             | (23.22 - 32.39)                     | 28.55             | (24.46 - 33.02)                     |
| Judicial District 8           | 7.62                | (5.30 - 10.86)                        | *                   | (* - *)                               | 23.43             | (18.98 - 28.56)                     | 24.77             | (20.54 - 29.54)                     |
| Judicial District 9           | 8.04                | (5.63 - 11.36)                        | *                   | (* - *)                               | 20.89             | (17.03 - 25.36)                     | 22.71             | (19.00 - 26.90)                     |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 9** *Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs*

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 2.40                | (2.23 - 2.58)                         | 11.29               | (10.91 - 11.69)                       | 5.49              | (5.32 - 5.67)                       | 6.32              | (6.16 - 6.49)                       |
| <b>Northeast</b>           | 2.46                | (2.18 - 2.76)                         | 11.96               | (11.26 - 12.68)                       | 5.67              | (5.29 - 6.07)                       | 6.55              | (6.20 - 6.92)                       |
| <b>Midwest</b>             | 2.42                | (2.18 - 2.68)                         | 12.18               | (11.58 - 12.81)                       | 5.54              | (5.24 - 5.86)                       | 6.50              | (6.22 - 6.79)                       |
| <b>South</b>               | 2.26                | (2.03 - 2.52)                         | 10.31               | (9.82 - 10.81)                        | 5.14              | (4.88 - 5.41)                       | 5.87              | (5.64 - 6.12)                       |
| <b>West</b>                | 2.55                | (2.25 - 2.88)                         | 11.54               | (10.85 - 12.26)                       | 5.86              | (5.50 - 6.25)                       | 6.70              | (6.37 - 7.05)                       |
| <b>Alabama</b>             | 1.88                | (1.34 - 2.64)                         | 8.97                | (7.41 - 10.82)                        | 3.81              | (3.03 - 4.79)                       | 4.55              | (3.79 - 5.45)                       |
| Region 1                   | 2.02                | (1.30 - 3.10)                         | 8.47                | (6.20 - 11.46)                        | 3.52              | (2.55 - 4.84)                       | 4.16              | (3.16 - 5.46)                       |
| Region 2                   | 1.78                | (1.14 - 2.76)                         | 9.35                | (6.97 - 12.43)                        | 3.93              | (2.88 - 5.34)                       | 4.72              | (3.66 - 6.06)                       |
| Region 3                   | 1.58                | (0.99 - 2.52)                         | 7.79                | (5.55 - 10.84)                        | 3.44              | (2.38 - 4.94)                       | 4.18              | (3.08 - 5.66)                       |
| Region 4                   | 2.09                | (1.35 - 3.23)                         | 10.22               | (7.48 - 13.83)                        | 4.31              | (3.09 - 5.98)                       | 5.09              | (3.85 - 6.71)                       |
| <b>Alaska</b>              | 2.57                | (1.93 - 3.42)                         | 11.84               | (10.00 - 13.97)                       | 6.86              | (5.73 - 8.20)                       | 7.64              | (6.58 - 8.86)                       |
| Anchorage                  | 2.61                | (1.80 - 3.77)                         | 12.22               | (9.65 - 15.36)                        | 7.08              | (5.56 - 8.99)                       | 7.90              | (6.45 - 9.65)                       |
| Northern                   | 2.51                | (1.68 - 3.75)                         | 11.80               | (8.80 - 15.64)                        | 7.32              | (5.49 - 9.69)                       | 8.13              | (6.36 - 10.34)                      |
| South Central              | 2.60                | (1.76 - 3.84)                         | 10.99               | (8.22 - 14.55)                        | 6.32              | (4.72 - 8.41)                       | 6.98              | (5.43 - 8.93)                       |
| Southeast                  | *                   | (* - *)                               | 12.51               | (8.90 - 17.31)                        | 6.48              | (4.66 - 8.94)                       | 7.25              | (5.39 - 9.69)                       |
| <b>Arizona</b>             | 2.68                | (1.98 - 3.63)                         | 12.58               | (10.68 - 14.77)                       | 5.71              | (4.71 - 6.92)                       | 6.72              | (5.75 - 7.83)                       |
| Central                    | 2.71                | (1.90 - 3.87)                         | 12.60               | (10.22 - 15.44)                       | 5.79              | (4.63 - 7.22)                       | 6.79              | (5.66 - 8.13)                       |
| North                      | 2.58                | (1.68 - 3.94)                         | 12.98               | (9.31 - 17.81)                        | 5.61              | (3.96 - 7.87)                       | 6.62              | (4.91 - 8.88)                       |
| South                      | 2.65                | (1.86 - 3.78)                         | 12.39               | (9.74 - 15.64)                        | 5.61              | (4.29 - 7.30)                       | 6.61              | (5.27 - 8.26)                       |
| South A                    | 2.67                | (1.74 - 4.07)                         | 13.08               | (9.65 - 17.50)                        | 5.76              | (4.18 - 7.91)                       | 6.83              | (5.18 - 8.96)                       |
| South B                    | 2.64                | (1.72 - 4.03)                         | 11.56               | (8.31 - 15.88)                        | 5.42              | (3.82 - 7.63)                       | 6.33              | (4.69 - 8.50)                       |
| <b>Arkansas</b>            | 2.34                | (1.73 - 3.16)                         | 9.83                | (8.21 - 11.74)                        | 4.47              | (3.61 - 5.52)                       | 5.24              | (4.39 - 6.24)                       |
| Catchment Area 1           | 2.33                | (1.51 - 3.58)                         | 9.54                | (6.87 - 13.11)                        | 4.25              | (3.03 - 5.92)                       | 5.09              | (3.81 - 6.78)                       |
| Catchment Area 2           | *                   | (* - *)                               | 9.03                | (6.34 - 12.70)                        | 3.97              | (2.79 - 5.63)                       | 4.59              | (3.36 - 6.25)                       |
| Catchment Area 3           | 2.32                | (1.51 - 3.56)                         | 10.04               | (7.14 - 13.94)                        | 5.10              | (3.67 - 7.05)                       | 5.82              | (4.34 - 7.77)                       |
| Catchment Area 4           | 2.64                | (1.70 - 4.09)                         | 10.62               | (7.46 - 14.90)                        | 4.50              | (3.16 - 6.39)                       | 5.34              | (3.90 - 7.26)                       |
| Catchment Area 5           | 2.32                | (1.51 - 3.54)                         | 10.51               | (7.65 - 14.25)                        | 4.50              | (3.17 - 6.33)                       | 5.47              | (4.08 - 7.29)                       |
| Catchment Area 6           | 2.02                | (1.29 - 3.17)                         | 8.46                | (5.83 - 12.11)                        | 4.13              | (2.88 - 5.88)                       | 4.76              | (3.45 - 6.52)                       |
| Catchment Area 7           | *                   | (* - *)                               | *                   | (* - *)                               | 4.34              | (3.06 - 6.12)                       | 4.99              | (3.64 - 6.82)                       |
| Catchment Area 8           | 2.33                | (1.52 - 3.56)                         | 10.28               | (7.37 - 14.16)                        | 4.70              | (3.41 - 6.45)                       | 5.43              | (4.08 - 7.18)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|-----------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| <b>California</b>           | 2.44                | (2.00 - 2.97)                      | 11.34               | (10.27 - 12.50)                    | 5.97              | (5.40 - 6.60)                    | 6.78              | (6.25 - 7.35)                    |
| Region 1R                   | 2.78                | (1.90 - 4.04)                      | 13.70               | (10.05 - 18.39)                    | 6.16              | (4.62 - 8.18)                    | 7.24              | (5.60 - 9.30)                    |
| Region 2R                   | 2.52                | (1.72 - 3.69)                      | 13.53               | (9.97 - 18.10)                     | 5.67              | (4.21 - 7.60)                    | 6.86              | (5.29 - 8.85)                    |
| Region 3R (Sacramento)      | 2.27                | (1.56 - 3.29)                      | 9.86                | (7.25 - 13.29)                     | 6.12              | (4.68 - 7.97)                    | 6.67              | (5.24 - 8.46)                    |
| Region 4R                   | 2.57                | (1.76 - 3.74)                      | 13.35               | (9.75 - 18.03)                     | 6.60              | (5.00 - 8.65)                    | 7.46              | (5.82 - 9.53)                    |
| Region 5R (San Francisco)   | *                   | (* - *)                            | 14.69               | (10.78 - 19.71)                    | 7.00              | (5.18 - 9.39)                    | 7.76              | (5.89 - 10.16)                   |
| Region 6 (Santa Clara)      | 2.29                | (1.57 - 3.31)                      | 11.76               | (8.92 - 15.35)                     | 4.73              | (3.63 - 6.16)                    | 5.64              | (4.49 - 7.07)                    |
| Region 7R (Contra Costa)    | 2.46                | (1.66 - 3.61)                      | 12.70               | (9.43 - 16.88)                     | 7.23              | (5.50 - 9.47)                    | 7.96              | (6.20 - 10.15)                   |
| Region 8R (Alameda)         | 2.18                | (1.50 - 3.17)                      | 11.42               | (8.44 - 15.27)                     | 5.85              | (4.46 - 7.63)                    | 6.59              | (5.16 - 8.37)                    |
| Region 9R (San Mateo)       | 2.39                | (1.65 - 3.44)                      | 11.42               | (8.13 - 15.80)                     | 5.54              | (4.11 - 7.43)                    | 6.20              | (4.71 - 8.12)                    |
| Region 10                   | 2.68                | (1.83 - 3.91)                      | 14.29               | (10.52 - 19.11)                    | 6.82              | (5.10 - 9.06)                    | 8.05              | (6.24 - 10.33)                   |
| Region 11 (Los Angeles)     | 2.35                | (1.87 - 2.95)                      | 10.45               | (9.08 - 12.01)                     | 5.71              | (4.96 - 6.57)                    | 6.43              | (5.70 - 7.24)                    |
| LA SPA 1 and 5              | 2.36                | (1.59 - 3.49)                      | 10.89               | (7.88 - 14.87)                     | 5.32              | (3.89 - 7.24)                    | 6.16              | (4.66 - 8.10)                    |
| LA SPA 2                    | 2.30                | (1.58 - 3.35)                      | 9.82                | (7.29 - 13.12)                     | 5.26              | (3.99 - 6.90)                    | 5.89              | (4.59 - 7.53)                    |
| LA SPA 3                    | 2.25                | (1.54 - 3.27)                      | 10.73               | (7.98 - 14.27)                     | 5.20              | (3.88 - 6.93)                    | 6.01              | (4.66 - 7.73)                    |
| LA SPA 4                    | 2.49                | (1.66 - 3.71)                      | 12.33               | (8.95 - 16.75)                     | 7.11              | (5.35 - 9.39)                    | 7.81              | (6.01 - 10.09)                   |
| LA SPA 6                    | 2.43                | (1.60 - 3.66)                      | 8.83                | (6.39 - 12.08)                     | 5.66              | (4.19 - 7.60)                    | 6.29              | (4.82 - 8.18)                    |
| LA SPA 7                    | 2.46                | (1.68 - 3.58)                      | 10.18               | (7.44 - 13.77)                     | 5.84              | (4.37 - 7.78)                    | 6.57              | (5.06 - 8.49)                    |
| LA SPA 8                    | 2.31                | (1.61 - 3.31)                      | 10.95               | (8.28 - 14.34)                     | 6.08              | (4.67 - 7.86)                    | 6.77              | (5.37 - 8.51)                    |
| Region 12R                  | 2.32                | (1.57 - 3.41)                      | 10.61               | (7.67 - 14.50)                     | 5.61              | (4.15 - 7.54)                    | 6.38              | (4.86 - 8.34)                    |
| Regions 13 and 19R          | 2.55                | (1.75 - 3.70)                      | 10.47               | (8.03 - 13.55)                     | 6.13              | (4.82 - 7.76)                    | 6.85              | (5.56 - 8.41)                    |
| Region 14 (Orange)          | 2.63                | (1.83 - 3.77)                      | 13.30               | (10.33 - 16.97)                    | 6.40              | (5.02 - 8.13)                    | 7.40              | (6.00 - 9.10)                    |
| Region 15R (Fresno)         | 2.59                | (1.75 - 3.81)                      | 11.54               | (8.54 - 15.43)                     | 6.39              | (4.81 - 8.46)                    | 7.31              | (5.67 - 9.37)                    |
| Region 16R (San Diego)      | 2.43                | (1.71 - 3.45)                      | 11.57               | (8.98 - 14.78)                     | 5.96              | (4.74 - 7.46)                    | 6.83              | (5.59 - 8.32)                    |
| Region 17R                  | 2.39                | (1.66 - 3.44)                      | 9.14                | (6.83 - 12.14)                     | 5.62              | (4.35 - 7.22)                    | 6.24              | (4.97 - 7.79)                    |
| Region 18R (San Bernardino) | 2.40                | (1.64 - 3.49)                      | 9.47                | (7.08 - 12.54)                     | 5.73              | (4.40 - 7.42)                    | 6.38              | (5.05 - 8.03)                    |
| Region 20R                  | 2.36                | (1.61 - 3.46)                      | 9.29                | (6.72 - 12.70)                     | 6.05              | (4.51 - 8.08)                    | 6.60              | (5.05 - 8.57)                    |
| Region 21R                  | 2.80                | (1.88 - 4.17)                      | 12.96               | (9.34 - 17.72)                     | 6.06              | (4.52 - 8.07)                    | 7.21              | (5.52 - 9.36)                    |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 3.03                | (2.27 - 4.01)                         | 12.51               | (10.62 - 14.70)                       | 6.80              | (5.65 - 8.17)                       | 7.63              | (6.54 - 8.88)                       |
| Region 1                                  | 3.05                | (2.01 - 4.58)                         | 13.47               | (9.97 - 17.96)                        | 6.67              | (4.95 - 8.95)                       | 7.66              | (5.91 - 9.86)                       |
| Region 2                                  | 2.94                | (1.92 - 4.48)                         | 10.58               | (7.38 - 14.96)                        | 6.22              | (4.43 - 8.67)                       | 6.90              | (5.08 - 9.31)                       |
| Region 3                                  | 3.19                | (2.18 - 4.63)                         | 12.78               | (9.69 - 16.68)                        | 7.04              | (5.32 - 9.26)                       | 7.83              | (6.15 - 9.93)                       |
| Region 4                                  | *                   | (* - *)                               | 10.75               | (7.51 - 15.16)                        | 5.87              | (4.08 - 8.37)                       | 6.55              | (4.74 - 8.98)                       |
| Region 5                                  | 2.90                | (1.88 - 4.44)                         | 13.40               | (9.86 - 17.96)                        | 8.49              | (6.22 - 11.48)                      | 9.16              | (6.94 - 11.99)                      |
| Region 6                                  | 3.03                | (2.00 - 4.56)                         | 13.36               | (9.80 - 17.94)                        | 6.30              | (4.65 - 8.49)                       | 7.30              | (5.60 - 9.48)                       |
| Region 7                                  | 2.91                | (1.89 - 4.46)                         | 11.16               | (7.97 - 15.41)                        | 6.32              | (4.56 - 8.70)                       | 7.10              | (5.34 - 9.38)                       |
| <b>Connecticut</b>                        | 2.74                | (2.05 - 3.66)                         | 12.30               | (10.38 - 14.51)                       | 6.28              | (5.14 - 7.66)                       | 7.12              | (6.02 - 8.40)                       |
| Eastern                                   | 2.85                | (1.84 - 4.40)                         | 12.76               | (9.18 - 17.47)                        | 5.69              | (4.06 - 7.93)                       | 6.93              | (5.17 - 9.23)                       |
| North Central                             | 2.49                | (1.66 - 3.72)                         | 11.77               | (8.84 - 15.51)                        | 6.92              | (5.23 - 9.10)                       | 7.57              | (5.91 - 9.64)                       |
| Northwestern                              | 2.81                | (1.86 - 4.23)                         | 11.94               | (8.70 - 16.17)                        | 5.73              | (4.13 - 7.89)                       | 6.51              | (4.89 - 8.62)                       |
| South Central                             | 3.00                | (2.01 - 4.46)                         | 13.89               | (10.41 - 18.31)                       | 6.55              | (4.78 - 8.90)                       | 7.59              | (5.81 - 9.86)                       |
| Southwest                                 | 2.69                | (1.79 - 4.03)                         | 10.91               | (7.97 - 14.76)                        | 5.89              | (4.27 - 8.09)                       | 6.57              | (4.95 - 8.66)                       |
| <b>Delaware</b>                           | 2.16                | (1.59 - 2.94)                         | 11.81               | (9.93 - 13.99)                        | 5.37              | (4.39 - 6.55)                       | 6.24              | (5.30 - 7.35)                       |
| Kent                                      | 2.18                | (1.45 - 3.25)                         | 10.86               | (7.99 - 14.60)                        | 5.40              | (3.95 - 7.33)                       | 6.23              | (4.78 - 8.08)                       |
| New Castle (excluding<br>Wilmington City) | 2.23                | (1.53 - 3.24)                         | 13.18               | (10.54 - 16.37)                       | 5.64              | (4.39 - 7.23)                       | 6.73              | (5.49 - 8.24)                       |
| Sussex                                    | 2.18                | (1.41 - 3.35)                         | 9.28                | (6.53 - 13.02)                        | 4.54              | (3.24 - 6.33)                       | 5.02              | (3.70 - 6.78)                       |
| Wilmington City                           | *                   | (* - *)                               | 10.18               | (7.03 - 14.53)                        | 6.09              | (4.26 - 8.63)                       | 6.64              | (4.80 - 9.13)                       |
| <b>District of Columbia</b>               | 2.12                | (1.52 - 2.95)                         | 13.54               | (11.48 - 15.90)                       | 8.00              | (6.81 - 9.38)                       | 8.96              | (7.83 - 10.23)                      |
| Ward 1                                    | *                   | (* - *)                               | 12.69               | (9.18 - 17.30)                        | 10.29             | (7.70 - 13.64)                      | 10.73             | (8.24 - 13.85)                      |
| Ward 2                                    | *                   | (* - *)                               | 18.77               | (14.08 - 24.58)                       | 9.88              | (7.43 - 13.02)                      | 12.20             | (9.60 - 15.39)                      |
| Ward 3                                    | 3.28                | (2.08 - 5.14)                         | 15.48               | (11.20 - 21.02)                       | 7.76              | (5.82 - 10.28)                      | 9.04              | (6.99 - 11.60)                      |
| Ward 4                                    | 2.39                | (1.53 - 3.73)                         | 11.47               | (8.02 - 16.16)                        | 6.93              | (5.12 - 9.33)                       | 7.44              | (5.62 - 9.79)                       |
| Ward 5                                    | 1.78                | (1.11 - 2.86)                         | 12.27               | (8.77 - 16.91)                        | 6.78              | (4.92 - 9.29)                       | 7.71              | (5.80 - 10.17)                      |
| Ward 6                                    | 2.04                | (1.31 - 3.15)                         | 14.51               | (10.88 - 19.10)                       | 7.98              | (6.08 - 10.41)                      | 8.79              | (6.90 - 11.13)                      |
| Ward 7                                    | 1.56                | (0.95 - 2.53)                         | 8.37                | (5.86 - 11.81)                        | 6.37              | (4.63 - 8.72)                       | 6.70              | (5.02 - 8.89)                       |
| Ward 8                                    | 1.75                | (1.08 - 2.81)                         | 10.02               | (7.06 - 14.03)                        | 7.96              | (5.78 - 10.85)                      | 8.36              | (6.27 - 11.05)                      |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 2.38                | (1.92 - 2.94)                         | 10.17               | (9.10 - 11.36)                        | 5.46              | (4.82 - 6.18)                       | 6.05              | (5.45 - 6.71)                       |
| Broward (Circuit 17)                                                    | 2.07                | (1.40 - 3.04)                         | 9.16                | (6.88 - 12.09)                        | 5.21              | (3.95 - 6.84)                       | 5.69              | (4.44 - 7.25)                       |
| Central I                                                               | 2.39                | (1.81 - 3.16)                         | 10.02               | (8.16 - 12.25)                        | 5.11              | (4.17 - 6.24)                       | 5.81              | (4.87 - 6.92)                       |
| Circuit 9                                                               | 2.40                | (1.69 - 3.38)                         | 10.23               | (7.90 - 13.15)                        | 5.05              | (3.93 - 6.47)                       | 5.87              | (4.73 - 7.27)                       |
| Circuit 18                                                              | 2.38                | (1.64 - 3.43)                         | 9.63                | (7.01 - 13.10)                        | 5.19              | (3.84 - 6.98)                       | 5.72              | (4.35 - 7.49)                       |
| Central II                                                              | 2.48                | (1.93 - 3.18)                         | 10.69               | (9.07 - 12.55)                        | 5.62              | (4.76 - 6.63)                       | 6.19              | (5.35 - 7.15)                       |
| Circuit 6                                                               | 2.48                | (1.70 - 3.61)                         | 10.80               | (8.04 - 14.36)                        | 5.78              | (4.37 - 7.62)                       | 6.29              | (4.89 - 8.06)                       |
| Circuit 10                                                              | 2.33                | (1.56 - 3.46)                         | 8.53                | (6.17 - 11.68)                        | 4.59              | (3.36 - 6.25)                       | 5.08              | (3.84 - 6.70)                       |
| Circuit 12                                                              | 2.45                | (1.66 - 3.62)                         | 10.50               | (7.50 - 14.53)                        | 5.62              | (4.05 - 7.77)                       | 6.08              | (4.49 - 8.18)                       |
| Circuit 13 (Hillsborough)                                               | 2.52                | (1.72 - 3.67)                         | 11.87               | (9.08 - 15.37)                        | 6.05              | (4.68 - 7.78)                       | 6.86              | (5.49 - 8.55)                       |
| Circuit 20                                                              | 2.56                | (1.74 - 3.75)                         | 10.55               | (7.56 - 14.52)                        | 5.60              | (4.09 - 7.62)                       | 6.10              | (4.58 - 8.08)                       |
| Northeast                                                               | 2.54                | (1.94 - 3.32)                         | 10.89               | (9.10 - 12.97)                        | 5.66              | (4.74 - 6.75)                       | 6.32              | (5.41 - 7.37)                       |
| Circuit 4                                                               | 2.30                | (1.58 - 3.35)                         | 11.15               | (8.25 - 14.91)                        | 6.11              | (4.60 - 8.06)                       | 6.80              | (5.27 - 8.72)                       |
| Circuit 5                                                               | 2.69                | (1.83 - 3.95)                         | 10.18               | (7.41 - 13.83)                        | 5.01              | (3.71 - 6.72)                       | 5.49              | (4.17 - 7.19)                       |
| Circuit 7                                                               | 2.75                | (1.86 - 4.07)                         | 11.68               | (8.56 - 15.74)                        | 6.02              | (4.46 - 8.06)                       | 6.67              | (5.09 - 8.68)                       |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | 2.48                | (1.67 - 3.69)                         | 10.42               | (7.36 - 14.55)                        | 5.53              | (3.99 - 7.63)                       | 6.49              | (4.84 - 8.63)                       |
| Northwest                                                               | 2.59                | (1.93 - 3.48)                         | 12.12               | (9.98 - 14.64)                        | 6.07              | (4.93 - 7.45)                       | 7.04              | (5.91 - 8.36)                       |
| Circuit 1                                                               | 2.53                | (1.74 - 3.68)                         | 12.16               | (9.10 - 16.06)                        | 5.69              | (4.18 - 7.69)                       | 6.61              | (5.08 - 8.55)                       |
| Circuit 2 plus Madison and<br>Taylor                                    | *                   | (* - *)                               | 12.85               | (9.61 - 16.99)                        | 7.07              | (5.29 - 9.40)                       | 8.30              | (6.47 - 10.60)                      |
| Circuit 14                                                              | *                   | (* - *)                               | 10.13               | (7.22 - 14.06)                        | 5.62              | (4.05 - 7.74)                       | 6.19              | (4.59 - 8.29)                       |
| South (Circuits 11 and 16)                                              | 2.05                | (1.39 - 3.00)                         | 7.82                | (5.88 - 10.34)                        | 4.83              | (3.71 - 6.26)                       | 5.21              | (4.12 - 6.58)                       |
| Southeast                                                               | 2.38                | (1.73 - 3.26)                         | 10.11               | (7.99 - 12.71)                        | 5.70              | (4.47 - 7.23)                       | 6.18              | (4.97 - 7.66)                       |
| Circuit 15 (Palm Beach)                                                 | 2.39                | (1.63 - 3.48)                         | 10.50               | (7.88 - 13.87)                        | 5.95              | (4.42 - 7.95)                       | 6.45              | (4.94 - 8.38)                       |
| Circuit 19                                                              | 2.37                | (1.58 - 3.52)                         | 9.21                | (6.51 - 12.87)                        | 5.15              | (3.76 - 7.03)                       | 5.59              | (4.16 - 7.45)                       |
| <b>Georgia</b>                                                          | 1.94                | (1.45 - 2.58)                         | 9.74                | (8.35 - 11.34)                        | 4.83              | (4.06 - 5.74)                       | 5.56              | (4.82 - 6.40)                       |
| Region 1                                                                | 2.17                | (1.46 - 3.23)                         | 9.93                | (7.54 - 12.98)                        | 4.89              | (3.75 - 6.35)                       | 5.55              | (4.40 - 6.99)                       |
| Region 2                                                                | 1.95                | (1.29 - 2.94)                         | 10.47               | (7.74 - 14.03)                        | 4.91              | (3.64 - 6.60)                       | 5.83              | (4.51 - 7.51)                       |
| Region 3                                                                | 1.70                | (1.14 - 2.54)                         | 10.14               | (7.91 - 12.92)                        | 4.84              | (3.71 - 6.29)                       | 5.60              | (4.48 - 6.98)                       |
| Region 4                                                                | 1.94                | (1.26 - 2.98)                         | 8.88                | (6.09 - 12.76)                        | 4.90              | (3.50 - 6.82)                       | 5.56              | (4.08 - 7.52)                       |
| Region 5                                                                | 1.99                | (1.29 - 3.05)                         | 9.40                | (6.92 - 12.64)                        | 4.92              | (3.60 - 6.70)                       | 5.66              | (4.31 - 7.41)                       |
| Region 6                                                                | 1.92                | (1.25 - 2.94)                         | 8.61                | (6.23 - 11.79)                        | 4.53              | (3.27 - 6.25)                       | 5.14              | (3.87 - 6.81)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 2.39                | (1.71 - 3.33)                         | 11.44               | (9.47 - 13.76)                        | 4.72              | (3.80 - 5.85)                       | 5.60              | (4.70 - 6.65)                       |
| Hawaii Island                   | 2.11                | (1.34 - 3.31)                         | 9.65                | (6.86 - 13.40)                        | 4.43              | (3.10 - 6.27)                       | 5.07              | (3.71 - 6.89)                       |
| Honolulu                        | 2.42                | (1.65 - 3.53)                         | 11.81               | (9.45 - 14.68)                        | 4.66              | (3.63 - 5.98)                       | 5.63              | (4.60 - 6.87)                       |
| Kauai                           | 2.73                | (1.72 - 4.32)                         | 11.73               | (8.08 - 16.71)                        | 5.11              | (3.57 - 7.26)                       | 5.85              | (4.24 - 8.04)                       |
| Maui                            | 2.38                | (1.51 - 3.74)                         | 10.83               | (7.59 - 15.22)                        | 5.27              | (3.68 - 7.48)                       | 5.91              | (4.28 - 8.11)                       |
| <b>Idaho</b>                    | 2.81                | (2.12 - 3.71)                         | 11.42               | (9.68 - 13.41)                        | 5.40              | (4.45 - 6.54)                       | 6.27              | (5.35 - 7.34)                       |
| Region 1                        | 3.02                | (1.97 - 4.60)                         | 12.14               | (8.70 - 16.70)                        | 5.70              | (4.10 - 7.87)                       | 6.46              | (4.81 - 8.63)                       |
| Region 2                        | *                   | (* - *)                               | 12.98               | (9.15 - 18.08)                        | 5.17              | (3.66 - 7.25)                       | 6.53              | (4.85 - 8.75)                       |
| Region 3                        | 2.55                | (1.68 - 3.84)                         | 8.36                | (6.01 - 11.51)                        | 4.73              | (3.46 - 6.45)                       | 5.26              | (3.97 - 6.93)                       |
| Region 4                        | 3.21                | (2.17 - 4.72)                         | 15.16               | (11.70 - 19.43)                       | 6.33              | (4.78 - 8.33)                       | 7.49              | (5.91 - 9.43)                       |
| Region 5                        | 2.48                | (1.62 - 3.78)                         | 8.54                | (6.05 - 11.93)                        | 4.70              | (3.33 - 6.59)                       | 5.23              | (3.85 - 7.07)                       |
| Region 6                        | 2.65                | (1.72 - 4.05)                         | *                   | (* - *)                               | 5.61              | (3.98 - 7.86)                       | 6.60              | (4.84 - 8.94)                       |
| Region 7                        | 2.54                | (1.66 - 3.87)                         | 9.01                | (6.50 - 12.37)                        | 4.50              | (3.22 - 6.25)                       | 5.34              | (4.02 - 7.06)                       |
| <b>Illinois</b>                 | 2.31                | (1.83 - 2.92)                         | 11.46               | (10.14 - 12.92)                       | 5.47              | (4.76 - 6.28)                       | 6.32              | (5.65 - 7.06)                       |
| Region 1 (Cook)                 | 2.23                | (1.69 - 2.94)                         | 10.96               | (9.33 - 12.84)                        | 5.92              | (5.01 - 6.99)                       | 6.62              | (5.74 - 7.62)                       |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 6.43              | (4.67 - 8.79)                       | 7.17              | (5.36 - 9.53)                       |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 6.01              | (4.31 - 8.34)                       | 6.60              | (4.86 - 8.91)                       |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | *                   | (* - *)                               | 7.89              | (5.72 - 10.77)                      | 9.10              | (6.79 - 12.10)                      |
| Region 1.4 (West Side)          | *                   | (* - *)                               | 9.41                | (6.67 - 13.10)                        | 6.84              | (4.93 - 9.42)                       | 7.26              | (5.39 - 9.72)                       |
| Region 1.5 (South Side)         | *                   | (* - *)                               | 9.72                | (6.87 - 13.58)                        | 5.25              | (3.71 - 7.36)                       | 5.93              | (4.36 - 8.01)                       |
| Region 1.6 (Southwest Side)     | 2.17                | (1.43 - 3.29)                         | 9.18                | (6.36 - 13.08)                        | 5.73              | (4.09 - 7.97)                       | 6.30              | (4.64 - 8.50)                       |
| Region 1.7 (Suburban Cook)      | 2.39                | (1.67 - 3.41)                         | 10.57               | (8.18 - 13.55)                        | 5.45              | (4.28 - 6.92)                       | 6.11              | (4.95 - 7.53)                       |
| Region 2                        | 2.34                | (1.78 - 3.07)                         | 11.16               | (9.27 - 13.38)                        | 5.15              | (4.29 - 6.17)                       | 6.01              | (5.15 - 7.00)                       |
| Region 2a (DuPage)              | 2.51                | (1.71 - 3.66)                         | 11.21               | (8.21 - 15.12)                        | 5.08              | (3.81 - 6.74)                       | 5.89              | (4.56 - 7.59)                       |
| Region 2b                       | 2.25                | (1.58 - 3.20)                         | 10.95               | (8.41 - 14.14)                        | 5.00              | (3.88 - 6.42)                       | 5.87              | (4.73 - 7.26)                       |
| Region 2c (Winnebago)           | *                   | (* - *)                               | *                   | (* - *)                               | 5.98              | (4.29 - 8.27)                       | 6.70              | (4.97 - 8.97)                       |
| Region 2d                       | 2.43                | (1.65 - 3.57)                         | 11.64               | (8.50 - 15.74)                        | 5.38              | (3.93 - 7.33)                       | 6.33              | (4.82 - 8.27)                       |
| Region 3                        | 2.52                | (1.77 - 3.56)                         | 13.75               | (11.18 - 16.80)                       | 5.36              | (4.20 - 6.83)                       | 6.75              | (5.56 - 8.16)                       |
| Region 3a (Champaign)           | *                   | (* - *)                               | *                   | (* - *)                               | 6.25              | (4.51 - 8.60)                       | 9.46              | (7.25 - 12.26)                      |
| Region 3b                       | 2.52                | (1.73 - 3.66)                         | 12.46               | (9.64 - 15.97)                        | 5.24              | (3.98 - 6.86)                       | 6.29              | (5.00 - 7.88)                       |
| Region 4                        | 2.30                | (1.60 - 3.28)                         | 11.22               | (8.60 - 14.52)                        | 4.90              | (3.79 - 6.32)                       | 5.76              | (4.59 - 7.20)                       |
| Region 4a (Sangamon)            | *                   | (* - *)                               | *                   | (* - *)                               | 5.96              | (4.22 - 8.36)                       | 6.82              | (4.99 - 9.24)                       |
| Region 4b                       | 2.27                | (1.50 - 3.44)                         | 10.83               | (7.83 - 14.79)                        | 4.60              | (3.38 - 6.22)                       | 5.46              | (4.17 - 7.12)                       |
| Region 5                        | 2.33                | (1.67 - 3.25)                         | 11.48               | (9.08 - 14.42)                        | 5.06              | (3.96 - 6.46)                       | 5.94              | (4.82 - 7.31)                       |
| Region 5a                       | 2.19                | (1.46 - 3.29)                         | 11.77               | (8.47 - 16.15)                        | 5.47              | (3.92 - 7.58)                       | 6.32              | (4.71 - 8.44)                       |
| Region 5b                       | 2.46                | (1.62 - 3.71)                         | 11.26               | (8.28 - 15.12)                        | 4.74              | (3.49 - 6.41)                       | 5.64              | (4.33 - 7.31)                       |

See notes at end of table.

(continued)



**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 2.36                | (1.77 - 3.14)                         | 12.49               | (10.64 - 14.60)                       | 5.04              | (4.14 - 6.12)                       | 6.16              | (5.28 - 7.16)                       |
| Central                                     | 2.25                | (1.51 - 3.35)                         | 10.96               | (8.26 - 14.39)                        | 5.24              | (3.95 - 6.91)                       | 6.03              | (4.74 - 7.65)                       |
| East                                        | *                   | (* - *)                               | 13.26               | (9.60 - 18.04)                        | 4.86              | (3.46 - 6.79)                       | 6.20              | (4.67 - 8.20)                       |
| North Central                               | 2.21                | (1.45 - 3.36)                         | 10.55               | (7.57 - 14.52)                        | 4.84              | (3.47 - 6.70)                       | 5.66              | (4.24 - 7.52)                       |
| Northeast                                   | 2.73                | (1.74 - 4.23)                         | 12.99               | (9.41 - 17.66)                        | 5.15              | (3.67 - 7.19)                       | 6.28              | (4.70 - 8.35)                       |
| Northwest                                   | 2.18                | (1.43 - 3.31)                         | 10.83               | (7.69 - 15.05)                        | 5.08              | (3.62 - 7.09)                       | 5.90              | (4.38 - 7.89)                       |
| Southeast                                   | 2.54                | (1.64 - 3.90)                         | 12.44               | (8.88 - 17.16)                        | 5.10              | (3.64 - 7.11)                       | 6.02              | (4.48 - 8.06)                       |
| Southwest                                   | *                   | (* - *)                               | 11.81               | (8.42 - 16.33)                        | 4.84              | (3.43 - 6.79)                       | 5.80              | (4.31 - 7.77)                       |
| West                                        | *                   | (* - *)                               | 16.88               | (12.40 - 22.58)                       | 4.87              | (3.40 - 6.93)                       | 7.53              | (5.70 - 9.89)                       |
| <b>Iowa</b>                                 | 2.53                | (1.88 - 3.40)                         | 12.63               | (10.77 - 14.76)                       | 5.77              | (4.79 - 6.93)                       | 6.81              | (5.86 - 7.91)                       |
| Central                                     | 2.42                | (1.58 - 3.69)                         | 11.64               | (8.54 - 15.68)                        | 6.43              | (4.76 - 8.62)                       | 7.17              | (5.50 - 9.29)                       |
| North Central                               | 2.36                | (1.54 - 3.60)                         | 12.98               | (9.45 - 17.57)                        | 4.89              | (3.53 - 6.75)                       | 6.44              | (4.89 - 8.43)                       |
| Northeast                                   | 2.72                | (1.81 - 4.07)                         | 13.97               | (10.73 - 17.99)                       | 6.29              | (4.74 - 8.30)                       | 7.46              | (5.88 - 9.41)                       |
| Northwest                                   | 2.68                | (1.75 - 4.08)                         | 12.80               | (9.34 - 17.31)                        | 6.02              | (4.35 - 8.27)                       | 6.96              | (5.23 - 9.20)                       |
| Southeast                                   | 2.34                | (1.53 - 3.56)                         | 11.69               | (8.53 - 15.82)                        | 4.95              | (3.65 - 6.69)                       | 6.03              | (4.65 - 7.80)                       |
| Southwest                                   | 2.61                | (1.69 - 4.03)                         | 12.42               | (8.85 - 17.15)                        | 5.58              | (3.98 - 7.78)                       | 6.45              | (4.77 - 8.67)                       |
| <b>Kansas</b>                               | 2.70                | (2.00 - 3.65)                         | 12.02               | (10.07 - 14.29)                       | 4.82              | (3.93 - 5.91)                       | 5.93              | (5.06 - 6.94)                       |
| Northeast                                   | 2.63                | (1.79 - 3.84)                         | 11.88               | (9.34 - 15.00)                        | 4.76              | (3.65 - 6.19)                       | 5.91              | (4.78 - 7.30)                       |
| Northwest and North Central                 | *                   | (* - *)                               | *                   | (* - *)                               | 4.90              | (3.39 - 7.02)                       | 5.99              | (4.35 - 8.20)                       |
| South Central                               | 2.66                | (1.81 - 3.88)                         | 11.70               | (8.77 - 15.45)                        | 4.82              | (3.64 - 6.36)                       | 5.82              | (4.61 - 7.33)                       |
| Southeast                                   | *                   | (* - *)                               | *                   | (* - *)                               | 4.97              | (3.48 - 7.05)                       | 6.25              | (4.59 - 8.45)                       |
| Southwest                                   | 2.80                | (1.79 - 4.36)                         | 11.54               | (8.00 - 16.37)                        | 5.10              | (3.55 - 7.28)                       | 6.11              | (4.46 - 8.32)                       |
| <b>Kentucky</b>                             | 2.05                | (1.48 - 2.82)                         | 10.13               | (8.45 - 12.10)                        | 4.94              | (4.01 - 6.06)                       | 5.67              | (4.78 - 6.72)                       |
| Adanta, Cumberland River,<br>and Lifeskills | 2.08                | (1.33 - 3.23)                         | 9.39                | (6.63 - 13.13)                        | 4.30              | (3.05 - 6.02)                       | 5.03              | (3.73 - 6.77)                       |
| Bluegrass, Comprehend, and<br>North Key     | 2.00                | (1.30 - 3.08)                         | 10.07               | (7.62 - 13.21)                        | 5.21              | (3.88 - 6.96)                       | 5.93              | (4.64 - 7.57)                       |
| Centerstone                                 | 2.04                | (1.32 - 3.16)                         | 11.11               | (8.12 - 15.01)                        | 5.43              | (3.98 - 7.35)                       | 6.18              | (4.72 - 8.07)                       |
| Communicare and River Valley                | 2.06                | (1.29 - 3.26)                         | 10.14               | (7.17 - 14.14)                        | 4.87              | (3.42 - 6.90)                       | 5.60              | (4.10 - 7.62)                       |
| Four Rivers and Pennyroyal                  | *                   | (* - *)                               | 9.83                | (6.91 - 13.80)                        | 4.49              | (3.12 - 6.43)                       | 5.28              | (3.86 - 7.18)                       |
| Kentucky River, Mountain,<br>and Pathways   | 2.16                | (1.38 - 3.37)                         | 9.85                | (6.96 - 13.76)                        | 4.64              | (3.27 - 6.56)                       | 5.33              | (3.91 - 7.24)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 2.69                | (1.98 - 3.63)                         | 10.69               | (8.95 - 12.73)                        | 6.58              | (5.44 - 7.93)                       | 7.18              | (6.11 - 8.42)                       |
| Regions 1 and 10      | 2.50                | (1.70 - 3.64)                         | 11.90               | (9.09 - 15.42)                        | 7.16              | (5.49 - 9.28)                       | 7.81              | (6.17 - 9.84)                       |
| Region 1              | 2.41                | (1.51 - 3.81)                         | 13.10               | (9.32 - 18.11)                        | 8.10              | (5.86 - 11.09)                      | 8.87              | (6.64 - 11.74)                      |
| Region 10 (Jefferson) | 2.59                | (1.67 - 3.99)                         | 10.23               | (7.21 - 14.30)                        | 6.16              | (4.39 - 8.59)                       | 6.66              | (4.89 - 9.00)                       |
| Regions 2 and 9       | 2.62                | (1.75 - 3.89)                         | 11.09               | (8.41 - 14.49)                        | 6.56              | (4.96 - 8.64)                       | 7.26              | (5.71 - 9.18)                       |
| Region 3              | 2.63                | (1.68 - 4.09)                         | 8.25                | (5.79 - 11.62)                        | 5.48              | (3.86 - 7.74)                       | 5.88              | (4.27 - 8.03)                       |
| Regions 4, 5, and 6   | 2.99                | (2.00 - 4.44)                         | 11.18               | (8.13 - 15.20)                        | 6.80              | (5.10 - 9.00)                       | 7.44              | (5.76 - 9.56)                       |
| Regions 7 and 8       | 2.57                | (1.65 - 3.96)                         | 9.42                | (6.79 - 12.91)                        | 6.19              | (4.50 - 8.45)                       | 6.68              | (5.03 - 8.82)                       |
| <b>Maine</b>          | 2.45                | (1.80 - 3.31)                         | 11.30               | (9.49 - 13.41)                        | 4.82              | (3.93 - 5.89)                       | 5.59              | (4.73 - 6.61)                       |
| Aroostook/Downeast    | 2.42                | (1.66 - 3.50)                         | 10.74               | (8.10 - 14.11)                        | 4.24              | (3.11 - 5.76)                       | 4.95              | (3.78 - 6.46)                       |
| Aroostook             | 2.45                | (1.58 - 3.76)                         | 10.06               | (6.99 - 14.27)                        | 4.01              | (2.78 - 5.76)                       | 4.70              | (3.40 - 6.46)                       |
| Downeast              | *                   | (* - *)                               | 11.33               | (7.80 - 16.19)                        | 4.42              | (3.01 - 6.46)                       | 5.15              | (3.66 - 7.20)                       |
| Central               | 2.49                | (1.58 - 3.89)                         | 10.97               | (7.79 - 15.23)                        | 4.70              | (3.29 - 6.67)                       | 5.43              | (3.97 - 7.40)                       |
| Cumberland            | 2.51                | (1.65 - 3.82)                         | 13.45               | (9.93 - 17.97)                        | 5.34              | (3.93 - 7.21)                       | 6.33              | (4.88 - 8.18)                       |
| Midcoast              | 2.56                | (1.67 - 3.90)                         | 11.79               | (8.21 - 16.65)                        | 4.73              | (3.39 - 6.55)                       | 5.43              | (4.02 - 7.31)                       |
| Penquis               | 2.34                | (1.51 - 3.61)                         | 10.78               | (7.69 - 14.91)                        | 4.45              | (3.17 - 6.22)                       | 5.37              | (4.01 - 7.17)                       |
| Western               | 2.34                | (1.52 - 3.58)                         | 10.16               | (7.23 - 14.10)                        | 4.77              | (3.48 - 6.52)                       | 5.44              | (4.10 - 7.19)                       |
| York                  | 2.45                | (1.58 - 3.77)                         | 10.16               | (7.31 - 13.97)                        | 5.07              | (3.62 - 7.05)                       | 5.65              | (4.18 - 7.59)                       |
| <b>Maryland</b>       | 2.21                | (1.62 - 3.01)                         | 11.68               | (9.88 - 13.76)                        | 6.10              | (5.02 - 7.39)                       | 6.86              | (5.83 - 8.06)                       |
| Anne Arundel          | 2.38                | (1.50 - 3.75)                         | 11.79               | (8.30 - 16.49)                        | 5.39              | (3.84 - 7.51)                       | 6.22              | (4.60 - 8.36)                       |
| Baltimore City        | 1.62                | (1.02 - 2.57)                         | 11.74               | (8.60 - 15.85)                        | 7.92              | (5.79 - 10.75)                      | 8.53              | (6.46 - 11.18)                      |
| Baltimore County      | 2.29                | (1.46 - 3.57)                         | 11.77               | (8.33 - 16.37)                        | 6.27              | (4.52 - 8.64)                       | 7.01              | (5.23 - 9.34)                       |
| Montgomery            | 2.19                | (1.43 - 3.35)                         | 10.62               | (7.73 - 14.42)                        | 5.40              | (3.92 - 7.39)                       | 6.00              | (4.52 - 7.92)                       |
| North Central         | 2.43                | (1.56 - 3.77)                         | 12.08               | (8.49 - 16.89)                        | 5.32              | (3.79 - 7.44)                       | 6.19              | (4.56 - 8.36)                       |
| Northeast             | *                   | (* - *)                               | 11.15               | (7.91 - 15.48)                        | 5.66              | (3.98 - 7.98)                       | 6.36              | (4.64 - 8.65)                       |
| Prince George's       | 1.82                | (1.13 - 2.92)                         | 12.91               | (9.37 - 17.53)                        | 7.21              | (5.17 - 9.98)                       | 8.10              | (6.07 - 10.72)                      |
| South                 | 2.18                | (1.41 - 3.37)                         | 10.64               | (7.52 - 14.83)                        | 5.83              | (4.14 - 8.14)                       | 6.54              | (4.83 - 8.81)                       |
| West                  | 2.62                | (1.71 - 4.01)                         | 12.16               | (8.57 - 16.97)                        | 5.41              | (3.88 - 7.50)                       | 6.31              | (4.69 - 8.43)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 2.70                | (2.01 - 3.60)                         | 13.03               | (11.05 - 15.30)                       | 6.71              | (5.57 - 8.05)                       | 7.64              | (6.57 - 8.88)                       |
| Boston                | 2.36                | (1.54 - 3.61)                         | 14.96               | (10.92 - 20.14)                       | 8.41              | (6.12 - 11.43)                      | 9.77              | (7.45 - 12.71)                      |
| Central               | 2.74                | (1.81 - 4.14)                         | 12.67               | (9.22 - 17.16)                        | 6.70              | (4.96 - 9.00)                       | 7.56              | (5.80 - 9.81)                       |
| Metrowest             | 2.67                | (1.78 - 4.00)                         | 13.70               | (10.07 - 18.38)                       | 6.52              | (4.86 - 8.69)                       | 7.49              | (5.80 - 9.63)                       |
| Northeast             | 2.84                | (1.89 - 4.24)                         | 11.36               | (8.42 - 15.15)                        | 6.03              | (4.46 - 8.10)                       | 6.73              | (5.17 - 8.72)                       |
| Southeast             | 2.73                | (1.79 - 4.12)                         | 12.11               | (8.82 - 16.40)                        | 6.52              | (4.79 - 8.81)                       | 7.24              | (5.52 - 9.43)                       |
| Western               | 2.64                | (1.75 - 3.98)                         | 13.03               | (9.66 - 17.34)                        | 6.83              | (4.93 - 9.38)                       | 7.87              | (5.97 - 10.30)                      |
| <b>Michigan</b>       | 2.37                | (1.88 - 2.97)                         | 11.09               | (9.81 - 12.53)                        | 5.17              | (4.48 - 5.96)                       | 6.03              | (5.38 - 6.76)                       |
| Region 1              | 2.50                | (1.66 - 3.76)                         | 12.38               | (8.91 - 16.94)                        | 4.46              | (3.18 - 6.20)                       | 5.58              | (4.18 - 7.42)                       |
| Region 2              | *                   | (* - *)                               | 9.83                | (6.87 - 13.88)                        | 4.19              | (3.01 - 5.82)                       | 4.80              | (3.55 - 6.46)                       |
| Region 3              | 2.45                | (1.68 - 3.57)                         | 11.84               | (9.12 - 15.24)                        | 5.86              | (4.51 - 7.57)                       | 6.77              | (5.43 - 8.41)                       |
| Region 4              | 2.54                | (1.74 - 3.69)                         | 10.29               | (7.69 - 13.65)                        | 4.86              | (3.66 - 6.43)                       | 5.68              | (4.45 - 7.22)                       |
| Region 5              | 2.64                | (1.85 - 3.76)                         | 13.48               | (10.79 - 16.71)                       | 5.28              | (4.12 - 6.73)                       | 6.67              | (5.49 - 8.08)                       |
| Region 6              | 2.09                | (1.39 - 3.14)                         | 10.58               | (7.71 - 14.34)                        | 4.20              | (3.06 - 5.74)                       | 5.26              | (4.02 - 6.86)                       |
| Region 7              | 1.97                | (1.36 - 2.85)                         | 10.24               | (7.94 - 13.12)                        | 5.86              | (4.53 - 7.54)                       | 6.51              | (5.22 - 8.10)                       |
| Region 8              | 2.45                | (1.68 - 3.57)                         | 9.57                | (7.12 - 12.75)                        | 4.65              | (3.49 - 6.17)                       | 5.26              | (4.08 - 6.75)                       |
| Region 9              | 2.36                | (1.61 - 3.45)                         | 9.57                | (7.05 - 12.85)                        | 5.07              | (3.74 - 6.83)                       | 5.64              | (4.30 - 7.35)                       |
| Region 10             | 2.48                | (1.69 - 3.63)                         | 10.93               | (8.00 - 14.76)                        | 5.64              | (4.20 - 7.53)                       | 6.35              | (4.89 - 8.21)                       |
| <b>Minnesota</b>      | 2.15                | (1.56 - 2.94)                         | 12.53               | (10.70 - 14.63)                       | 5.08              | (4.18 - 6.17)                       | 6.11              | (5.22 - 7.15)                       |
| Regions 1 and 2       | 2.30                | (1.55 - 3.40)                         | 14.26               | (10.74 - 18.68)                       | 5.11              | (3.72 - 6.96)                       | 6.32              | (4.83 - 8.24)                       |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | 4.80              | (3.30 - 6.94)                       | 5.83              | (4.18 - 8.08)                       |
| Region 2              | *                   | (* - *)                               | *                   | (* - *)                               | 5.29              | (3.63 - 7.64)                       | 6.61              | (4.79 - 9.06)                       |
| Regions 3 and 4       | 2.29                | (1.56 - 3.34)                         | 12.01               | (9.24 - 15.47)                        | 4.74              | (3.58 - 6.26)                       | 5.78              | (4.55 - 7.31)                       |
| Region 3              | *                   | (* - *)                               | *                   | (* - *)                               | 4.61              | (3.16 - 6.66)                       | 5.62              | (4.03 - 7.79)                       |
| Region 4              | 2.29                | (1.49 - 3.53)                         | 11.97               | (8.67 - 16.29)                        | 4.82              | (3.46 - 6.68)                       | 5.86              | (4.41 - 7.75)                       |
| Regions 5 and 6       | 2.43                | (1.65 - 3.55)                         | 14.52               | (11.54 - 18.12)                       | 5.32              | (4.05 - 6.95)                       | 6.66              | (5.34 - 8.28)                       |
| Region 5              | 2.47                | (1.56 - 3.89)                         | 15.18               | (11.35 - 20.00)                       | 5.13              | (3.64 - 7.19)                       | 6.60              | (4.99 - 8.68)                       |
| Region 6              | *                   | (* - *)                               | 13.85               | (10.03 - 18.81)                       | 5.51              | (3.95 - 7.64)                       | 6.72              | (5.06 - 8.88)                       |
| Region 7              | 1.99                | (1.40 - 2.82)                         | 11.66               | (9.52 - 14.21)                        | 5.10              | (4.10 - 6.33)                       | 5.99              | (4.98 - 7.18)                       |
| Region 7A (Hennepin)  | 1.90                | (1.24 - 2.91)                         | 12.65               | (9.39 - 16.83)                        | 5.15              | (3.80 - 6.95)                       | 6.14              | (4.73 - 7.93)                       |
| Region 7B (Ramsey)    | 1.84                | (1.18 - 2.87)                         | 10.87               | (7.78 - 14.98)                        | 5.39              | (3.87 - 7.44)                       | 6.25              | (4.69 - 8.29)                       |
| Region 7C             | 2.11                | (1.37 - 3.23)                         | 11.07               | (8.11 - 14.94)                        | 4.93              | (3.64 - 6.65)                       | 5.72              | (4.38 - 7.45)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 1.86                | (1.36 - 2.55)                         | 8.91                | (7.44 - 10.65)                        | 4.66              | (3.81 - 5.70)                       | 5.31              | (4.48 - 6.28)                       |
| Region 1                               | 1.99                | (1.30 - 3.03)                         | 8.67                | (6.39 - 11.67)                        | 4.34              | (3.20 - 5.85)                       | 4.99              | (3.84 - 6.46)                       |
| Region 2                               | *                   | (* - *)                               | 7.24                | (5.06 - 10.25)                        | 4.64              | (3.31 - 6.47)                       | 5.04              | (3.71 - 6.81)                       |
| Region 3                               | 1.74                | (1.11 - 2.74)                         | 9.37                | (6.68 - 12.99)                        | 4.35              | (3.10 - 6.07)                       | 5.21              | (3.87 - 6.97)                       |
| Region 4                               | 1.67                | (1.08 - 2.58)                         | 8.37                | (6.01 - 11.55)                        | 5.07              | (3.67 - 6.96)                       | 5.56              | (4.17 - 7.39)                       |
| Region 5                               | *                   | (* - *)                               | *                   | (* - *)                               | 4.31              | (3.02 - 6.10)                       | 4.82              | (3.48 - 6.63)                       |
| Region 6                               | 2.08                | (1.35 - 3.21)                         | 10.20               | (7.34 - 14.01)                        | 5.55              | (3.99 - 7.67)                       | 6.28              | (4.70 - 8.34)                       |
| Region 7                               | 2.21                | (1.40 - 3.46)                         | 10.24               | (7.23 - 14.31)                        | 4.51              | (3.23 - 6.26)                       | 5.32              | (3.97 - 7.09)                       |
| <b>Missouri</b>                        | 2.35                | (1.77 - 3.13)                         | 12.21               | (10.34 - 14.36)                       | 5.44              | (4.48 - 6.60)                       | 6.41              | (5.46 - 7.51)                       |
| Central                                | 2.36                | (1.52 - 3.63)                         | 13.29               | (9.88 - 17.66)                        | 4.65              | (3.36 - 6.40)                       | 6.16              | (4.74 - 7.98)                       |
| Eastern                                | 2.29                | (1.61 - 3.24)                         | 11.96               | (9.47 - 15.00)                        | 5.80              | (4.54 - 7.38)                       | 6.64              | (5.38 - 8.17)                       |
| Eastern (St. Louis City and<br>County) | 2.10                | (1.38 - 3.17)                         | 11.17               | (8.19 - 15.06)                        | 5.87              | (4.34 - 7.89)                       | 6.60              | (5.06 - 8.56)                       |
| Eastern (excluding St. Louis)          | 2.57                | (1.68 - 3.92)                         | 13.38               | (9.82 - 17.97)                        | 5.69              | (4.14 - 7.76)                       | 6.70              | (5.09 - 8.78)                       |
| Northwest                              | 2.32                | (1.63 - 3.29)                         | 13.03               | (10.14 - 16.59)                       | 5.86              | (4.54 - 7.55)                       | 6.86              | (5.50 - 8.53)                       |
| Northwest (Jackson)                    | 2.12                | (1.40 - 3.19)                         | 12.29               | (8.91 - 16.72)                        | 6.04              | (4.35 - 8.33)                       | 6.88              | (5.16 - 9.12)                       |
| Northwest (excluding Jackson)          | 2.48                | (1.62 - 3.78)                         | 13.62               | (9.83 - 18.58)                        | 5.71              | (4.09 - 7.92)                       | 6.85              | (5.13 - 9.08)                       |
| Southeast                              | 2.62                | (1.70 - 4.04)                         | 11.38               | (8.25 - 15.50)                        | 5.35              | (3.83 - 7.41)                       | 6.16              | (4.61 - 8.20)                       |
| Southwest                              | 2.35                | (1.55 - 3.56)                         | 10.89               | (7.85 - 14.91)                        | 4.74              | (3.40 - 6.57)                       | 5.60              | (4.19 - 7.46)                       |
| <b>Montana</b>                         | 3.06                | (2.27 - 4.11)                         | 14.62               | (12.50 - 17.03)                       | 6.57              | (5.48 - 7.85)                       | 7.70              | (6.65 - 8.91)                       |
| Region 1                               | 2.67                | (1.72 - 4.13)                         | *                   | (* - *)                               | 5.57              | (3.86 - 7.96)                       | 6.43              | (4.65 - 8.83)                       |
| Region 2                               | 2.93                | (1.94 - 4.40)                         | 13.50               | (9.94 - 18.07)                        | 6.74              | (4.96 - 9.10)                       | 7.73              | (5.90 - 10.06)                      |
| Region 3                               | 3.02                | (1.99 - 4.55)                         | 14.30               | (10.77 - 18.74)                       | 7.09              | (5.38 - 9.28)                       | 8.02              | (6.31 - 10.15)                      |
| Region 4                               | 3.30                | (2.22 - 4.86)                         | 16.27               | (12.80 - 20.47)                       | 6.79              | (5.21 - 8.80)                       | 8.21              | (6.61 - 10.17)                      |
| Region 5                               | 3.07                | (2.08 - 4.52)                         | 14.35               | (11.13 - 18.31)                       | 6.21              | (4.78 - 8.04)                       | 7.36              | (5.91 - 9.14)                       |
| <b>Nebraska</b>                        | 2.53                | (1.89 - 3.37)                         | 12.76               | (10.87 - 14.94)                       | 5.82              | (4.76 - 7.11)                       | 6.88              | (5.86 - 8.07)                       |
| Regions 1 and 2                        | 2.65                | (1.84 - 3.82)                         | 11.61               | (8.72 - 15.29)                        | 5.45              | (3.99 - 7.40)                       | 6.28              | (4.79 - 8.20)                       |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | 5.83              | (3.96 - 8.52)                       | 6.69              | (4.75 - 9.36)                       |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | 5.12              | (3.51 - 7.40)                       | 5.92              | (4.23 - 8.22)                       |
| Region 3                               | 2.63                | (1.75 - 3.94)                         | 13.35               | (9.71 - 18.07)                        | 5.56              | (4.02 - 7.64)                       | 6.71              | (5.07 - 8.84)                       |
| Region 4                               | 2.67                | (1.73 - 4.08)                         | 11.46               | (8.05 - 16.05)                        | 4.91              | (3.47 - 6.88)                       | 5.84              | (4.32 - 7.85)                       |
| Region 5                               | 2.62                | (1.72 - 3.98)                         | 12.72               | (9.44 - 16.93)                        | 5.64              | (4.19 - 7.55)                       | 6.84              | (5.31 - 8.76)                       |
| Region 6                               | 2.38                | (1.63 - 3.47)                         | 13.20               | (10.49 - 16.48)                       | 6.35              | (4.87 - 8.24)                       | 7.37              | (5.94 - 9.12)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 2.96                | (2.14 - 4.08)                         | 12.14               | (10.19 - 14.40)                       | 5.38              | (4.38 - 6.61)                       | 6.28              | (5.31 - 7.41)                       |
| Clark – Region 1        | 2.98                | (2.07 - 4.27)                         | 12.13               | (9.82 - 14.89)                        | 5.26              | (4.14 - 6.66)                       | 6.18              | (5.08 - 7.49)                       |
| Region 3                | 3.03                | (2.07 - 4.39)                         | 12.25               | (9.20 - 16.12)                        | 5.78              | (4.28 - 7.77)                       | 6.54              | (5.00 - 8.50)                       |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | 5.50              | (3.73 - 8.03)                       | 6.23              | (4.38 - 8.79)                       |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | 6.05              | (4.21 - 8.63)                       | 6.82              | (4.93 - 9.37)                       |
| Washoe – Region 2       | 2.81                | (1.83 - 4.30)                         | 12.11               | (8.85 - 16.36)                        | 5.64              | (4.11 - 7.69)                       | 6.52              | (4.95 - 8.53)                       |
| <b>New Hampshire</b>    | 2.44                | (1.80 - 3.31)                         | 13.48               | (11.45 - 15.79)                       | 6.18              | (5.08 - 7.49)                       | 7.17              | (6.11 - 8.39)                       |
| Central                 | 2.40                | (1.68 - 3.43)                         | 12.99               | (10.39 - 16.12)                       | 5.92              | (4.61 - 7.56)                       | 6.94              | (5.62 - 8.53)                       |
| Central 1               | 2.33                | (1.51 - 3.59)                         | 12.41               | (9.09 - 16.73)                        | 5.72              | (4.16 - 7.83)                       | 6.80              | (5.17 - 8.89)                       |
| Central 2               | 2.46                | (1.62 - 3.73)                         | 13.70               | (10.36 - 17.92)                       | 6.10              | (4.48 - 8.25)                       | 7.07              | (5.42 - 9.18)                       |
| Northern                | 2.59                | (1.69 - 3.95)                         | 14.65               | (10.77 - 19.62)                       | 5.80              | (4.12 - 8.11)                       | 7.05              | (5.28 - 9.35)                       |
| Southern                | 2.43                | (1.72 - 3.43)                         | 13.46               | (10.85 - 16.58)                       | 6.38              | (5.09 - 7.98)                       | 7.30              | (6.03 - 8.82)                       |
| Southern 1 (Rockingham) | 2.43                | (1.59 - 3.69)                         | 13.62               | (10.01 - 18.27)                       | 5.77              | (4.24 - 7.81)                       | 6.70              | (5.13 - 8.72)                       |
| Southern 2              | 2.43                | (1.63 - 3.62)                         | 13.37               | (10.28 - 17.20)                       | 6.77              | (5.20 - 8.78)                       | 7.68              | (6.12 - 9.59)                       |
| <b>New Jersey</b>       | 2.65                | (2.03 - 3.46)                         | 11.73               | (10.03 - 13.68)                       | 4.69              | (3.90 - 5.62)                       | 5.60              | (4.84 - 6.49)                       |
| Central                 | 2.95                | (2.01 - 4.29)                         | 12.89               | (9.89 - 16.65)                        | 4.87              | (3.67 - 6.44)                       | 5.88              | (4.66 - 7.40)                       |
| Metropolitan            | 2.29                | (1.55 - 3.39)                         | 10.13               | (7.60 - 13.39)                        | 4.88              | (3.65 - 6.51)                       | 5.62              | (4.36 - 7.20)                       |
| Northern                | 2.57                | (1.77 - 3.71)                         | 11.48               | (8.97 - 14.59)                        | 4.13              | (3.13 - 5.43)                       | 5.05              | (4.02 - 6.32)                       |
| Southern                | 2.86                | (1.95 - 4.17)                         | 12.84               | (9.84 - 16.58)                        | 5.12              | (3.89 - 6.72)                       | 6.15              | (4.89 - 7.72)                       |
| <b>New Mexico</b>       | 2.75                | (2.05 - 3.68)                         | 12.21               | (10.35 - 14.36)                       | 6.69              | (5.49 - 8.12)                       | 7.49              | (6.35 - 8.80)                       |
| Region 1                | 2.74                | (1.79 - 4.16)                         | 12.52               | (9.29 - 16.68)                        | 7.28              | (5.35 - 9.84)                       | 8.04              | (6.14 - 10.47)                      |
| Region 2                | 2.66                | (1.72 - 4.09)                         | 11.44               | (8.08 - 15.96)                        | 6.00              | (4.27 - 8.36)                       | 6.64              | (4.90 - 8.94)                       |
| Region 3 (Bernalillo)   | 2.70                | (1.82 - 3.97)                         | 12.32               | (9.62 - 15.64)                        | 6.97              | (5.30 - 9.11)                       | 7.72              | (6.11 - 9.71)                       |
| Region 4                | 2.72                | (1.77 - 4.15)                         | 12.40               | (8.91 - 17.00)                        | 6.33              | (4.55 - 8.75)                       | 7.30              | (5.46 - 9.70)                       |
| Region 5                | 2.92                | (2.04 - 4.19)                         | 12.06               | (9.33 - 15.46)                        | 6.34              | (4.87 - 8.21)                       | 7.25              | (5.76 - 9.10)                       |
| Region 5a               | 2.95                | (1.93 - 4.47)                         | 13.45               | (9.60 - 18.52)                        | 6.51              | (4.66 - 9.04)                       | 7.43              | (5.52 - 9.94)                       |
| Region 5b (Dona Ana)    | 2.91                | (1.86 - 4.51)                         | 11.15               | (7.96 - 15.40)                        | 6.17              | (4.42 - 8.55)                       | 7.09              | (5.28 - 9.46)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 2.35                | (1.89 - 2.91)                         | 11.04               | (9.84 - 12.35)                        | 5.93              | (5.26 - 6.67)                       | 6.67              | (6.04 - 7.35)                       |
| Region 1: Long Island                          | 2.28                | (1.59 - 3.25)                         | 9.40                | (7.15 - 12.25)                        | 5.01              | (3.91 - 6.40)                       | 5.61              | (4.51 - 6.97)                       |
| Region 2: New York City                        | 2.19                | (1.69 - 2.85)                         | 11.02               | (9.47 - 12.79)                        | 6.77              | (5.84 - 7.84)                       | 7.37              | (6.48 - 8.37)                       |
| Region 2A: Bronx                               | 2.03                | (1.36 - 3.03)                         | 9.47                | (6.99 - 12.69)                        | 6.65              | (5.09 - 8.64)                       | 7.12              | (5.61 - 9.00)                       |
| Region 2B: Kings                               | 2.14                | (1.48 - 3.08)                         | 9.87                | (7.57 - 12.77)                        | 6.87              | (5.39 - 8.72)                       | 7.30              | (5.88 - 9.03)                       |
| Region 2C: New York                            | 3.01                | (1.91 - 4.71)                         | 17.69               | (13.76 - 22.45)                       | 9.18              | (7.13 - 11.74)                      | 10.27             | (8.25 - 12.71)                      |
| Region 2D: Queens                              | 1.94                | (1.34 - 2.80)                         | 8.80                | (6.54 - 11.74)                        | 5.21              | (3.96 - 6.82)                       | 5.66              | (4.42 - 7.24)                       |
| Region 2E: Richmond                            | 2.36                | (1.58 - 3.51)                         | 9.66                | (6.74 - 13.65)                        | 5.32              | (3.86 - 7.30)                       | 5.92              | (4.41 - 7.91)                       |
| Region 3: Mid-Hudson                           | 2.41                | (1.68 - 3.45)                         | 10.05               | (7.54 - 13.29)                        | 4.99              | (3.81 - 6.51)                       | 5.72              | (4.50 - 7.24)                       |
| Region 4: Capital Region                       | 2.61                | (1.80 - 3.77)                         | 13.82               | (10.28 - 18.33)                       | 5.69              | (4.24 - 7.59)                       | 6.88              | (5.33 - 8.84)                       |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | 5.06              | (3.60 - 7.06)                       | 6.03              | (4.43 - 8.15)                       |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | 5.77              | (4.20 - 7.87)                       | 6.76              | (5.07 - 8.96)                       |
| Region 7: Tug Hill Seaway                      | *                   | (* - *)                               | *                   | (* - *)                               | 4.63              | (3.32 - 6.41)                       | 5.76              | (4.30 - 7.67)                       |
| Region 8: Central                              | 2.59                | (1.80 - 3.71)                         | 12.03               | (9.00 - 15.90)                        | 5.45              | (4.10 - 7.22)                       | 6.51              | (5.10 - 8.29)                       |
| Region 9: Southern Tier                        | 2.67                | (1.79 - 3.96)                         | 14.29               | (10.55 - 19.08)                       | 5.61              | (4.11 - 7.60)                       | 7.24              | (5.57 - 9.36)                       |
| Region 10: Finger Lakes                        | 2.63                | (1.80 - 3.81)                         | 13.07               | (9.95 - 16.99)                        | 5.90              | (4.50 - 7.70)                       | 6.98              | (5.53 - 8.77)                       |
| Region 11: Western                             | 2.33                | (1.59 - 3.39)                         | 9.54                | (7.19 - 12.56)                        | 5.23              | (4.09 - 6.68)                       | 5.87              | (4.72 - 7.27)                       |
| <b>North Carolina</b>                          | 1.76                | (1.28 - 2.40)                         | 9.59                | (8.22 - 11.16)                        | 4.62              | (3.86 - 5.52)                       | 5.32              | (4.59 - 6.16)                       |
| Alliance Behavioral<br>Healthcare 1            | 1.58                | (1.03 - 2.41)                         | 9.39                | (6.76 - 12.90)                        | 5.09              | (3.71 - 6.94)                       | 5.76              | (4.35 - 7.57)                       |
| Alliance Behavioral<br>Healthcare 2            | 1.82                | (1.16 - 2.83)                         | 10.32               | (7.40 - 14.22)                        | 4.61              | (3.33 - 6.34)                       | 5.40              | (4.07 - 7.14)                       |
| Cardinal Innovations<br>Healthcare Solutions 1 | 1.75                | (1.12 - 2.74)                         | 8.20                | (5.69 - 11.66)                        | 3.81              | (2.70 - 5.36)                       | 4.38              | (3.21 - 5.95)                       |
| Cardinal Innovations<br>Healthcare Solutions 2 | *                   | (* - *)                               | 9.38                | (6.57 - 13.23)                        | 4.53              | (3.23 - 6.31)                       | 5.25              | (3.89 - 7.05)                       |
| Cardinal Innovations<br>Healthcare Solutions 3 | 1.84                | (1.15 - 2.92)                         | 11.95               | (8.81 - 16.02)                        | 5.85              | (4.28 - 7.94)                       | 6.68              | (5.09 - 8.71)                       |
| CenterPoint Human Services                     | 1.72                | (1.08 - 2.74)                         | 8.97                | (6.26 - 12.69)                        | 4.53              | (3.20 - 6.37)                       | 5.13              | (3.76 - 6.95)                       |
| Eastpointe                                     | 1.47                | (0.94 - 2.31)                         | 7.28                | (5.09 - 10.29)                        | 4.18              | (3.00 - 5.79)                       | 4.61              | (3.41 - 6.19)                       |
| Partners Behavioral Health<br>Management       | 1.90                | (1.21 - 2.99)                         | 9.09                | (6.39 - 12.78)                        | 4.48              | (3.18 - 6.27)                       | 5.06              | (3.72 - 6.84)                       |
| Sandhills Center 1                             | *                   | (* - *)                               | 8.62                | (6.01 - 12.23)                        | 4.22              | (2.95 - 5.99)                       | 4.79              | (3.48 - 6.55)                       |
| Sandhills Center 2                             | 1.57                | (0.99 - 2.49)                         | 9.78                | (6.85 - 13.76)                        | 4.78              | (3.42 - 6.66)                       | 5.56              | (4.13 - 7.45)                       |
| Smoky Mountain Center 1                        | *                   | (* - *)                               | 10.49               | (7.46 - 14.55)                        | 3.99              | (2.81 - 5.63)                       | 4.90              | (3.62 - 6.61)                       |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | 10.23               | (7.22 - 14.30)                        | 4.76              | (3.38 - 6.66)                       | 5.35              | (3.93 - 7.25)                       |
| Trillium Health Resources 1                    | 1.58                | (0.99 - 2.52)                         | 8.89                | (6.42 - 12.20)                        | 4.67              | (3.33 - 6.51)                       | 5.34              | (3.99 - 7.11)                       |
| Trillium Health Resources 2                    | *                   | (* - *)                               | 11.02               | (7.86 - 15.25)                        | 4.76              | (3.37 - 6.68)                       | 5.79              | (4.30 - 7.76)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 2.87                | (2.18 - 3.78)                         | 12.81               | (11.05 - 14.80)                       | 5.86              | (4.87 - 7.04)                       | 7.12              | (6.17 - 8.19)                       |
| Badlands and West Central     | 3.21                | (2.23 - 4.59)                         | 12.66               | (9.88 - 16.08)                        | 6.35              | (4.98 - 8.07)                       | 7.28              | (5.89 - 8.95)                       |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | 6.80              | (4.80 - 9.55)                       | 7.89              | (5.78 - 10.67)                      |
| West Central                  | 3.21                | (2.15 - 4.77)                         | 12.25               | (9.08 - 16.31)                        | 6.22              | (4.72 - 8.15)                       | 7.10              | (5.57 - 9.00)                       |
| Lake Region                   | *                   | (* - *)                               | *                   | (* - *)                               | 5.69              | (4.03 - 7.97)                       | 6.48              | (4.75 - 8.78)                       |
| North Central                 | 3.19                | (2.11 - 4.78)                         | 12.90               | (9.30 - 17.63)                        | 5.86              | (4.22 - 8.08)                       | 7.12              | (5.36 - 9.40)                       |
| Northeast                     | 2.86                | (1.91 - 4.27)                         | 14.68               | (11.15 - 19.08)                       | 6.07              | (4.45 - 8.23)                       | 8.20              | (6.42 - 10.43)                      |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | 5.34              | (3.73 - 7.60)                       | 6.14              | (4.44 - 8.44)                       |
| South Central                 | *                   | (* - *)                               | *                   | (* - *)                               | 5.77              | (4.10 - 8.06)                       | 6.72              | (4.95 - 9.05)                       |
| Southeast                     | 2.43                | (1.61 - 3.66)                         | 12.45               | (9.87 - 15.58)                        | 5.44              | (4.06 - 7.26)                       | 6.89              | (5.51 - 8.57)                       |
| <b>Ohio</b>                   | 2.25                | (1.79 - 2.83)                         | 11.82               | (10.49 - 13.30)                       | 5.89              | (5.20 - 6.67)                       | 6.72              | (6.07 - 7.43)                       |
| Boards 2, 46, 55, and 68      | 2.46                | (1.64 - 3.67)                         | 12.93               | (9.20 - 17.88)                        | 5.66              | (4.10 - 7.76)                       | 6.65              | (4.98 - 8.83)                       |
| Boards 3, 52, and 85          | 2.32                | (1.54 - 3.48)                         | *                   | (* - *)                               | 4.92              | (3.59 - 6.70)                       | 5.62              | (4.23 - 7.44)                       |
| Boards 4 and 78               | *                   | (* - *)                               | 10.59               | (7.61 - 14.55)                        | 4.76              | (3.45 - 6.53)                       | 5.47              | (4.10 - 7.26)                       |
| Boards 5 and 60               | *                   | (* - *)                               | 13.80               | (10.19 - 18.45)                       | 5.68              | (4.16 - 7.71)                       | 7.11              | (5.45 - 9.21)                       |
| Boards 7, 15, 41, 79, and 84  | 2.32                | (1.53 - 3.49)                         | 10.87               | (7.67 - 15.17)                        | 5.17              | (3.75 - 7.09)                       | 5.85              | (4.38 - 7.78)                       |
| Boards 8, 13, and 83          | 2.35                | (1.56 - 3.52)                         | *                   | (* - *)                               | 5.00              | (3.62 - 6.88)                       | 5.72              | (4.24 - 7.67)                       |
| Board 9 (Butler)              | 2.31                | (1.54 - 3.45)                         | *                   | (* - *)                               | 5.97              | (4.37 - 8.11)                       | 7.00              | (5.30 - 9.19)                       |
| Board 12                      | *                   | (* - *)                               | 11.19               | (7.95 - 15.53)                        | 5.87              | (4.30 - 7.98)                       | 6.70              | (5.06 - 8.82)                       |
| Boards 18 and 47              | 2.16                | (1.48 - 3.13)                         | 12.44               | (9.61 - 15.96)                        | 7.18              | (5.60 - 9.16)                       | 7.88              | (6.34 - 9.76)                       |
| Boards 20, 32, 54, and 69     | 2.48                | (1.65 - 3.70)                         | 11.54               | (8.29 - 15.84)                        | 5.24              | (3.84 - 7.10)                       | 6.07              | (4.60 - 7.95)                       |
| Boards 21, 39, 51, 70, and 80 | 2.32                | (1.56 - 3.44)                         | 10.70               | (7.68 - 14.71)                        | 5.04              | (3.70 - 6.82)                       | 5.76              | (4.37 - 7.57)                       |
| Boards 22, 74, and 87         | 2.51                | (1.69 - 3.71)                         | 12.27               | (8.98 - 16.55)                        | 5.22              | (3.81 - 7.10)                       | 6.27              | (4.78 - 8.18)                       |
| Boards 23 and 45              | 2.30                | (1.52 - 3.48)                         | 10.77               | (7.81 - 14.68)                        | 5.84              | (4.30 - 7.88)                       | 6.54              | (4.98 - 8.55)                       |
| Board 25 (Franklin)           | 1.86                | (1.25 - 2.75)                         | 11.69               | (8.99 - 15.07)                        | 5.70              | (4.43 - 7.31)                       | 6.62              | (5.31 - 8.22)                       |
| Boards 27, 71, and 73         | 2.44                | (1.63 - 3.63)                         | 11.20               | (7.98 - 15.50)                        | 5.56              | (4.09 - 7.51)                       | 6.28              | (4.75 - 8.25)                       |
| Boards 28, 43, and 67         | 2.32                | (1.56 - 3.43)                         | 12.48               | (9.10 - 16.89)                        | 5.69              | (4.18 - 7.69)                       | 6.65              | (5.07 - 8.69)                       |
| Board 31 (Hamilton)           | 2.22                | (1.48 - 3.33)                         | 13.47               | (10.10 - 17.75)                       | 7.07              | (5.34 - 9.29)                       | 7.99              | (6.26 - 10.15)                      |
| Board 48 (Lucas)              | 2.21                | (1.45 - 3.35)                         | 11.23               | (8.03 - 15.50)                        | 6.19              | (4.48 - 8.49)                       | 6.94              | (5.21 - 9.20)                       |
| Boards 50 and 76              | 2.15                | (1.45 - 3.17)                         | 10.33               | (7.55 - 13.99)                        | 5.73              | (4.27 - 7.64)                       | 6.32              | (4.86 - 8.19)                       |
| Board 57 (Montgomery)         | 2.08                | (1.41 - 3.06)                         | 12.06               | (8.77 - 16.37)                        | 6.13              | (4.49 - 8.33)                       | 6.95              | (5.27 - 9.12)                       |
| Board 77 (Summit)             | 2.27                | (1.54 - 3.33)                         | 12.12               | (8.94 - 16.23)                        | 6.00              | (4.49 - 7.99)                       | 6.81              | (5.26 - 8.78)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 2.13                | (1.57 - 2.89)                         | 10.31               | (8.64 - 12.25)                        | 5.55              | (4.55 - 6.76)                       | 6.26              | (5.31 - 7.38)                       |
| Central                               | 2.37                | (1.53 - 3.67)                         | 11.44               | (8.17 - 15.81)                        | 6.30              | (4.59 - 8.60)                       | 7.13              | (5.39 - 9.37)                       |
| East Central                          | 1.96                | (1.25 - 3.05)                         | 8.34                | (5.78 - 11.90)                        | 4.39              | (3.05 - 6.28)                       | 4.96              | (3.58 - 6.82)                       |
| Northeast                             | 2.14                | (1.39 - 3.28)                         | 10.58               | (7.49 - 14.74)                        | 4.91              | (3.50 - 6.86)                       | 5.85              | (4.36 - 7.81)                       |
| Northwest and Southwest               | 2.20                | (1.43 - 3.39)                         | 10.48               | (7.59 - 14.29)                        | 5.36              | (3.88 - 7.37)                       | 6.16              | (4.65 - 8.11)                       |
| Oklahoma County                       | 2.05                | (1.33 - 3.15)                         | 10.44               | (7.55 - 14.26)                        | 6.16              | (4.50 - 8.38)                       | 6.78              | (5.14 - 8.88)                       |
| Southeast                             | 2.16                | (1.39 - 3.34)                         | 9.43                | (6.65 - 13.22)                        | 5.04              | (3.63 - 6.97)                       | 5.66              | (4.20 - 7.58)                       |
| Tulsa County                          | 2.08                | (1.35 - 3.20)                         | 10.85               | (7.85 - 14.81)                        | 6.14              | (4.42 - 8.49)                       | 6.82              | (5.09 - 9.07)                       |
| <b>Oregon</b>                         | 3.13                | (2.39 - 4.09)                         | 12.19               | (10.43 - 14.20)                       | 6.76              | (5.64 - 8.09)                       | 7.48              | (6.43 - 8.70)                       |
| Region 1 (Multnomah)                  | 2.90                | (1.92 - 4.36)                         | 11.47               | (8.51 - 15.30)                        | 7.48              | (5.65 - 9.84)                       | 7.98              | (6.19 - 10.22)                      |
| Region 2                              | 3.25                | (2.25 - 4.67)                         | 12.90               | (9.86 - 16.71)                        | 6.12              | (4.64 - 8.03)                       | 6.99              | (5.53 - 8.80)                       |
| Region 3                              | 3.15                | (2.16 - 4.56)                         | 11.88               | (9.22 - 15.17)                        | 6.99              | (5.37 - 9.05)                       | 7.74              | (6.17 - 9.66)                       |
| Region 4                              | 3.20                | (2.13 - 4.77)                         | 13.19               | (9.79 - 17.53)                        | 6.63              | (4.78 - 9.13)                       | 7.39              | (5.54 - 9.79)                       |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | 6.75              | (4.66 - 9.69)                       | 7.37              | (5.23 - 10.29)                      |
| Region 6 (Eastern)                    | *                   | (* - *)                               | *                   | (* - *)                               | 6.02              | (4.23 - 8.51)                       | 6.79              | (4.96 - 9.22)                       |
| <b>Pennsylvania</b>                   | 2.24                | (1.78 - 2.83)                         | 12.51               | (11.12 - 14.05)                       | 5.21              | (4.51 - 6.00)                       | 6.20              | (5.55 - 6.93)                       |
| Region 1 (Allegheny)                  | 2.11                | (1.41 - 3.13)                         | 13.08               | (9.73 - 17.36)                        | 5.59              | (4.20 - 7.40)                       | 6.53              | (5.09 - 8.33)                       |
| Regions 3, 8, 9, and 51               | 2.56                | (1.72 - 3.78)                         | 14.64               | (11.00 - 19.23)                       | 5.30              | (3.89 - 7.18)                       | 6.56              | (5.05 - 8.49)                       |
| Regions 4, 11, 37, and 49             | 2.23                | (1.50 - 3.30)                         | 10.50               | (7.66 - 14.22)                        | 4.46              | (3.28 - 6.05)                       | 5.27              | (4.02 - 6.87)                       |
| Regions 5, 18, 23, 24, and 46         | 2.10                | (1.39 - 3.15)                         | 10.06               | (7.29 - 13.71)                        | 4.33              | (3.18 - 5.86)                       | 5.06              | (3.87 - 6.60)                       |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 2.33                | (1.58 - 3.42)                         | 15.30               | (11.77 - 19.65)                       | 4.99              | (3.67 - 6.76)                       | 6.88              | (5.40 - 8.71)                       |
| Regions 7, 13, 20, and 33             | 2.45                | (1.71 - 3.50)                         | 13.30               | (10.49 - 16.73)                       | 5.19              | (4.03 - 6.65)                       | 6.23              | (5.06 - 7.66)                       |
| Regions 10, 15, 27, 32, 43, and 44    | 2.22                | (1.47 - 3.35)                         | 10.72               | (7.71 - 14.72)                        | 4.37              | (3.15 - 6.03)                       | 5.13              | (3.84 - 6.81)                       |
| Regions 17 and 21                     | *                   | (* - *)                               | 12.10               | (8.79 - 16.43)                        | 5.33              | (3.87 - 7.30)                       | 6.34              | (4.79 - 8.35)                       |
| Regions 19, 26, 28, and 42            | 2.12                | (1.48 - 3.04)                         | 10.54               | (7.94 - 13.87)                        | 4.87              | (3.69 - 6.39)                       | 5.61              | (4.41 - 7.10)                       |
| Regions 22, 38, 40, 41, and 48        | 2.57                | (1.72 - 3.83)                         | 13.84               | (10.31 - 18.32)                       | 5.13              | (3.75 - 6.97)                       | 6.11              | (4.66 - 7.96)                       |
| Regions 29 and 34                     | 2.13                | (1.43 - 3.16)                         | 10.79               | (7.74 - 14.85)                        | 5.00              | (3.60 - 6.91)                       | 5.79              | (4.32 - 7.71)                       |
| Regions 30 and 50                     | 2.35                | (1.57 - 3.51)                         | 13.23               | (9.68 - 17.82)                        | 5.27              | (3.87 - 7.13)                       | 6.27              | (4.78 - 8.18)                       |
| Region 36 (Philadelphia)              | 1.83                | (1.21 - 2.75)                         | 12.65               | (9.83 - 16.14)                        | 6.59              | (5.05 - 8.56)                       | 7.62              | (6.08 - 9.52)                       |

See notes at end of table.

(continued)



**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 2.53                | (1.87 - 3.42)                         | 12.88               | (10.87 - 15.21)                       | 6.42              | (5.24 - 7.83)                       | 7.42              | (6.29 - 8.74)                       |
| Region 1: Southern Providence<br>County                   | 2.50                | (1.61 - 3.86)                         | 12.20               | (8.80 - 16.68)                        | 5.71              | (4.12 - 7.86)                       | 6.57              | (4.94 - 8.68)                       |
| Region 2: Northern Providence<br>County/Blackstone Valley | 2.39                | (1.57 - 3.61)                         | 10.36               | (7.39 - 14.35)                        | 5.80              | (4.21 - 7.93)                       | 6.38              | (4.79 - 8.45)                       |
| Region 3: Providence                                      | 2.15                | (1.37 - 3.36)                         | 11.71               | (8.58 - 15.78)                        | 7.18              | (5.19 - 9.86)                       | 8.37              | (6.37 - 10.92)                      |
| Region 4: Kent County                                     | 2.87                | (1.85 - 4.41)                         | 14.64               | (10.73 - 19.66)                       | 6.36              | (4.65 - 8.65)                       | 7.31              | (5.54 - 9.58)                       |
| Region 5: East Bay                                        | 2.83                | (1.80 - 4.43)                         | *                   | (* - *)                               | 7.56              | (5.45 - 10.38)                      | 8.67              | (6.50 - 11.47)                      |
| Region 6: Newport County                                  | *                   | (* - *)                               | *                   | (* - *)                               | 6.90              | (4.83 - 9.77)                       | 8.04              | (5.88 - 10.91)                      |
| Region 7: South County                                    | 2.67                | (1.73 - 4.09)                         | 14.72               | (10.62 - 20.05)                       | 6.53              | (4.68 - 9.05)                       | 7.94              | (5.96 - 10.51)                      |
| <b>South Carolina</b>                                     | 2.27                | (1.70 - 3.04)                         | 10.98               | (9.25 - 13.00)                        | 5.60              | (4.63 - 6.74)                       | 6.35              | (5.42 - 7.42)                       |
| Region 1                                                  | 2.42                | (1.61 - 3.61)                         | 10.57               | (8.02 - 13.80)                        | 5.22              | (3.92 - 6.91)                       | 5.97              | (4.67 - 7.59)                       |
| Region 2                                                  | 2.12                | (1.43 - 3.12)                         | 11.36               | (8.63 - 14.82)                        | 5.21              | (3.92 - 6.91)                       | 6.12              | (4.81 - 7.77)                       |
| Region 3                                                  | 1.98                | (1.31 - 2.99)                         | 8.80                | (6.29 - 12.19)                        | 4.77              | (3.46 - 6.54)                       | 5.29              | (3.96 - 7.02)                       |
| Region 4                                                  | 2.43                | (1.60 - 3.70)                         | 12.41               | (9.28 - 16.41)                        | 6.92              | (5.26 - 9.06)                       | 7.68              | (6.04 - 9.72)                       |
| <b>South Dakota</b>                                       | 3.12                | (2.35 - 4.14)                         | 14.01               | (11.96 - 16.33)                       | 6.88              | (5.73 - 8.23)                       | 7.93              | (6.84 - 9.19)                       |
| Region 1                                                  | 3.04                | (2.01 - 4.56)                         | 14.59               | (11.04 - 19.04)                       | 7.23              | (5.48 - 9.47)                       | 8.27              | (6.51 - 10.46)                      |
| Region 2                                                  | 3.10                | (1.99 - 4.78)                         | *                   | (* - *)                               | 7.48              | (5.29 - 10.48)                      | 8.39              | (6.17 - 11.31)                      |
| Region 3                                                  | 2.91                | (1.95 - 4.34)                         | 14.16               | (10.77 - 18.41)                       | 6.33              | (4.72 - 8.44)                       | 7.64              | (5.99 - 9.70)                       |
| Region 4                                                  | 3.44                | (2.30 - 5.11)                         | 14.25               | (10.47 - 19.11)                       | 6.01              | (4.35 - 8.24)                       | 7.33              | (5.58 - 9.57)                       |
| Region 5                                                  | 3.22                | (2.21 - 4.67)                         | 13.11               | (10.07 - 16.90)                       | 7.24              | (5.58 - 9.35)                       | 8.04              | (6.40 - 10.06)                      |
| <b>Tennessee</b>                                          | 1.96                | (1.39 - 2.76)                         | 10.41               | (8.71 - 12.41)                        | 4.64              | (3.76 - 5.72)                       | 5.45              | (4.58 - 6.47)                       |
| Region 1                                                  | *                   | (* - *)                               | 9.26                | (6.45 - 13.10)                        | 4.22              | (2.95 - 6.01)                       | 4.85              | (3.53 - 6.63)                       |
| Region 2                                                  | 2.08                | (1.32 - 3.26)                         | 10.39               | (7.42 - 14.36)                        | 4.33              | (3.13 - 5.95)                       | 5.12              | (3.86 - 6.75)                       |
| Region 3                                                  | 2.12                | (1.32 - 3.37)                         | 10.47               | (7.51 - 14.40)                        | 4.09              | (2.91 - 5.72)                       | 4.95              | (3.70 - 6.60)                       |
| Region 4 (Davidson)                                       | *                   | (* - *)                               | 12.28               | (8.63 - 17.18)                        | 5.81              | (4.15 - 8.07)                       | 6.78              | (5.03 - 9.08)                       |
| Region 5                                                  | 2.03                | (1.29 - 3.18)                         | 10.18               | (7.43 - 13.80)                        | 4.74              | (3.46 - 6.46)                       | 5.51              | (4.18 - 7.21)                       |
| Region 6                                                  | 2.02                | (1.27 - 3.19)                         | 10.63               | (7.54 - 14.79)                        | 4.70              | (3.30 - 6.64)                       | 5.54              | (4.07 - 7.50)                       |
| Region 7 (Shelby)                                         | 1.49                | (0.93 - 2.39)                         | 9.88                | (7.06 - 13.67)                        | 4.88              | (3.47 - 6.82)                       | 5.68              | (4.23 - 7.57)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 2.67                | (2.15 - 3.32)                         | 10.33               | (9.25 - 11.52)                        | 5.05              | (4.48 - 5.69)                       | 5.87              | (5.34 - 6.46)                       |
| Region 1                                                    | 3.03                | (2.03 - 4.50)                         | 11.84               | (8.57 - 16.15)                        | 5.80              | (4.28 - 7.83)                       | 6.85              | (5.23 - 8.92)                       |
| Region 2                                                    | 3.00                | (1.99 - 4.49)                         | 11.35               | (8.19 - 15.53)                        | 5.49              | (4.02 - 7.46)                       | 6.41              | (4.86 - 8.41)                       |
| Region 3                                                    | 2.60                | (1.96 - 3.44)                         | 9.79                | (8.15 - 11.71)                        | 4.72              | (3.93 - 5.67)                       | 5.46              | (4.67 - 6.37)                       |
| Region 3a                                                   | 2.58                | (1.84 - 3.63)                         | 10.04               | (8.03 - 12.48)                        | 4.78              | (3.79 - 6.01)                       | 5.54              | (4.57 - 6.72)                       |
| Region 3bc                                                  | 2.62                | (1.85 - 3.71)                         | 9.34                | (7.07 - 12.24)                        | 4.62              | (3.57 - 5.97)                       | 5.31              | (4.24 - 6.64)                       |
| Region 4                                                    | 2.72                | (1.83 - 4.05)                         | 9.37                | (6.82 - 12.76)                        | 4.58              | (3.40 - 6.12)                       | 5.24              | (4.02 - 6.79)                       |
| Region 5                                                    | 2.67                | (1.78 - 3.99)                         | 11.52               | (8.31 - 15.76)                        | 4.98              | (3.67 - 6.72)                       | 5.95              | (4.53 - 7.76)                       |
| Region 6                                                    | 2.53                | (1.86 - 3.44)                         | 9.84                | (7.96 - 12.10)                        | 4.76              | (3.88 - 5.82)                       | 5.52              | (4.65 - 6.54)                       |
| Region 6a                                                   | 2.53                | (1.82 - 3.50)                         | 9.85                | (7.84 - 12.31)                        | 4.77              | (3.83 - 5.92)                       | 5.54              | (4.61 - 6.65)                       |
| Region 6bc                                                  | 2.57                | (1.73 - 3.82)                         | 9.67                | (6.77 - 13.62)                        | 4.66              | (3.38 - 6.39)                       | 5.34              | (3.99 - 7.12)                       |
| Region 7                                                    | 2.72                | (1.98 - 3.72)                         | 11.82               | (9.64 - 14.41)                        | 5.83              | (4.72 - 7.17)                       | 6.86              | (5.75 - 8.16)                       |
| Region 7a                                                   | 2.91                | (1.97 - 4.27)                         | 14.06               | (10.89 - 17.95)                       | 6.53              | (5.03 - 8.43)                       | 7.69              | (6.15 - 9.57)                       |
| Region 7bcd                                                 | 2.38                | (1.59 - 3.55)                         | 8.85                | (6.40 - 12.10)                        | 4.51              | (3.35 - 6.05)                       | 5.39              | (4.17 - 6.95)                       |
| Region 8                                                    | 2.78                | (1.91 - 4.02)                         | 11.05               | (8.49 - 14.27)                        | 5.46              | (4.29 - 6.93)                       | 6.33              | (5.14 - 7.77)                       |
| Region 9                                                    | *                   | (* - *)                               | 12.39               | (8.82 - 17.13)                        | 6.14              | (4.40 - 8.50)                       | 7.13              | (5.30 - 9.53)                       |
| Region 10                                                   | 2.77                | (1.86 - 4.11)                         | 10.73               | (7.72 - 14.72)                        | 5.40              | (3.87 - 7.50)                       | 6.34              | (4.74 - 8.43)                       |
| Region 11                                                   | 2.72                | (1.97 - 3.74)                         | 8.51                | (6.58 - 10.94)                        | 4.82              | (3.77 - 6.14)                       | 5.45              | (4.40 - 6.74)                       |
| Region 11abd                                                | 2.61                | (1.78 - 3.83)                         | 8.55                | (6.17 - 11.75)                        | 4.71              | (3.47 - 6.36)                       | 5.35              | (4.09 - 6.97)                       |
| Region 11c (Hidalgo)                                        | 2.88                | (1.92 - 4.29)                         | 8.44                | (5.93 - 11.88)                        | 5.01              | (3.62 - 6.90)                       | 5.63              | (4.20 - 7.51)                       |
| <b>Utah</b>                                                 | 1.93                | (1.35 - 2.75)                         | 8.83                | (7.22 - 10.76)                        | 3.81              | (3.03 - 4.78)                       | 4.74              | (3.96 - 5.66)                       |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | 1.90                | (1.18 - 3.05)                         | 8.51                | (5.86 - 12.21)                        | 3.74              | (2.59 - 5.37)                       | 4.65              | (3.39 - 6.35)                       |
| Central, Four Corners, San<br>Juan, and Southwest           | 2.00                | (1.30 - 3.07)                         | 8.93                | (6.48 - 12.18)                        | 3.68              | (2.68 - 5.04)                       | 4.61              | (3.50 - 6.04)                       |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | 3.50              | (2.35 - 5.17)                       | 4.33              | (3.04 - 6.12)                       |
| Southwest                                                   | *                   | (* - *)                               | 9.31                | (6.30 - 13.56)                        | 3.80              | (2.61 - 5.48)                       | 4.78              | (3.45 - 6.60)                       |
| Davis County                                                | 1.90                | (1.18 - 3.04)                         | 8.71                | (5.91 - 12.65)                        | 3.52              | (2.43 - 5.07)                       | 4.40              | (3.19 - 6.06)                       |
| Salt Lake County                                            | 1.95                | (1.26 - 3.00)                         | 9.43                | (7.12 - 12.39)                        | 3.96              | (2.98 - 5.25)                       | 4.85              | (3.83 - 6.12)                       |
| Utah County                                                 | 1.89                | (1.18 - 3.01)                         | 8.30                | (5.89 - 11.59)                        | 3.73              | (2.65 - 5.21)                       | 4.88              | (3.66 - 6.48)                       |
| Weber, Morgan                                               | 1.93                | (1.20 - 3.09)                         | 8.45                | (5.82 - 12.10)                        | 3.90              | (2.66 - 5.67)                       | 4.66              | (3.34 - 6.45)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 2.86                | (2.15 - 3.79)                         | 15.30               | (12.86 - 18.11)                       | 5.99              | (4.89 - 7.31)                       | 7.37              | (6.28 - 8.63)                       |
| Champlain Valley                      | 2.71                | (1.85 - 3.93)                         | 16.28               | (12.93 - 20.30)                       | 5.80              | (4.43 - 7.56)                       | 7.63              | (6.19 - 9.37)                       |
| Rural Northeast                       | 3.06                | (2.06 - 4.52)                         | 15.23               | (11.11 - 20.52)                       | 6.61              | (4.83 - 8.99)                       | 7.80              | (5.95 - 10.16)                      |
| Rural Southeast                       | 2.93                | (1.96 - 4.36)                         | 13.49               | (9.88 - 18.14)                        | 5.93              | (4.35 - 8.04)                       | 6.82              | (5.20 - 8.90)                       |
| Rural Southwest                       | 2.86                | (1.89 - 4.31)                         | 14.31               | (10.18 - 19.74)                       | 5.58              | (4.00 - 7.74)                       | 6.81              | (5.08 - 9.06)                       |
| <b>Virginia</b>                       | 2.06                | (1.55 - 2.73)                         | 11.22               | (9.72 - 12.92)                        | 5.23              | (4.41 - 6.19)                       | 6.08              | (5.31 - 6.95)                       |
| Region 1                              | 2.09                | (1.38 - 3.16)                         | 10.21               | (7.62 - 13.55)                        | 5.12              | (3.83 - 6.80)                       | 5.92              | (4.62 - 7.55)                       |
| Region 2                              | 2.09                | (1.41 - 3.10)                         | 10.32               | (7.97 - 13.26)                        | 5.05              | (3.88 - 6.56)                       | 5.67              | (4.51 - 7.10)                       |
| Region 3                              | 2.28                | (1.55 - 3.33)                         | 11.43               | (8.81 - 14.71)                        | 4.81              | (3.63 - 6.35)                       | 5.78              | (4.58 - 7.27)                       |
| Region 4                              | 2.01                | (1.34 - 3.01)                         | 11.78               | (8.97 - 15.33)                        | 5.21              | (3.90 - 6.92)                       | 6.15              | (4.82 - 7.83)                       |
| Region 5                              | 1.86                | (1.23 - 2.79)                         | 12.24               | (9.40 - 15.80)                        | 5.89              | (4.53 - 7.62)                       | 6.88              | (5.51 - 8.56)                       |
| <b>Washington</b>                     | 2.26                | (1.66 - 3.07)                         | 10.87               | (9.17 - 12.83)                        | 5.04              | (4.11 - 6.15)                       | 5.84              | (4.94 - 6.89)                       |
| Region 1                              | 2.51                | (1.70 - 3.68)                         | 11.47               | (8.87 - 14.72)                        | 5.10              | (3.85 - 6.71)                       | 6.11              | (4.83 - 7.71)                       |
| Greater Columbia and North<br>Central | 2.53                | (1.61 - 3.95)                         | 11.19               | (8.16 - 15.17)                        | 4.93              | (3.53 - 6.83)                       | 6.00              | (4.54 - 7.89)                       |
| Spokane                               | 2.47                | (1.57 - 3.86)                         | 11.96               | (8.36 - 16.84)                        | 5.33              | (3.72 - 7.59)                       | 6.28              | (4.57 - 8.57)                       |
| Region 2                              | 2.11                | (1.47 - 3.01)                         | 10.38               | (8.15 - 13.12)                        | 4.96              | (3.89 - 6.30)                       | 5.66              | (4.59 - 6.96)                       |
| King                                  | 2.15                | (1.40 - 3.27)                         | 11.08               | (8.18 - 14.84)                        | 5.19              | (3.92 - 6.84)                       | 5.92              | (4.63 - 7.55)                       |
| North Sound                           | 2.05                | (1.31 - 3.20)                         | 9.24                | (6.61 - 12.77)                        | 4.55              | (3.25 - 6.31)                       | 5.19              | (3.86 - 6.94)                       |
| Region 3                              | 2.27                | (1.63 - 3.16)                         | 11.07               | (8.97 - 13.57)                        | 5.11              | (4.01 - 6.49)                       | 5.91              | (4.82 - 7.24)                       |
| Pierce                                | 2.25                | (1.47 - 3.44)                         | 11.18               | (8.29 - 14.92)                        | 5.55              | (4.05 - 7.57)                       | 6.37              | (4.86 - 8.32)                       |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | 4.65              | (3.19 - 6.73)                       | 5.56              | (3.97 - 7.72)                       |
| SW WA and Great Rivers                | *                   | (* - *)                               | 10.61               | (7.47 - 14.85)                        | 4.79              | (3.39 - 6.72)                       | 5.54              | (4.07 - 7.49)                       |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 6.01              | (4.27 - 8.40)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 2.66                | (1.95 - 3.62)                         | 11.49               | (9.63 - 13.66)                        | 4.30              | (3.41 - 5.42)                       | 5.23              | (4.35 - 6.28)                       |
| Region I                      | *                   | (* - *)                               | *                   | (* - *)                               | 4.53              | (3.07 - 6.64)                       | 5.36              | (3.81 - 7.49)                       |
| Region II                     | 2.49                | (1.62 - 3.79)                         | 10.01               | (6.95 - 14.19)                        | 4.20              | (2.94 - 5.98)                       | 4.95              | (3.62 - 6.74)                       |
| Region III                    | 2.60                | (1.64 - 4.11)                         | 10.15               | (7.17 - 14.17)                        | 4.09              | (2.79 - 5.97)                       | 4.77              | (3.42 - 6.61)                       |
| Region IV                     | 2.68                | (1.76 - 4.05)                         | 14.15               | (10.80 - 18.33)                       | 4.31              | (3.10 - 5.95)                       | 5.96              | (4.62 - 7.66)                       |
| Region V                      | 2.87                | (1.89 - 4.33)                         | 11.28               | (8.41 - 14.98)                        | 4.52              | (3.25 - 6.25)                       | 5.32              | (4.03 - 6.99)                       |
| Region VI                     | 2.53                | (1.67 - 3.82)                         | 9.02                | (6.45 - 12.48)                        | 4.04              | (2.87 - 5.66)                       | 4.60              | (3.41 - 6.18)                       |
| <b>Wisconsin</b>              | 3.10                | (2.34 - 4.09)                         | 14.96               | (12.84 - 17.35)                       | 6.63              | (5.49 - 7.97)                       | 7.81              | (6.70 - 9.08)                       |
| Milwaukee                     | 2.41                | (1.57 - 3.67)                         | 13.83               | (10.42 - 18.14)                       | 7.31              | (5.35 - 9.92)                       | 8.40              | (6.45 - 10.88)                      |
| Northeastern                  | 3.13                | (2.06 - 4.74)                         | 12.82               | (9.49 - 17.10)                        | 5.62              | (4.17 - 7.54)                       | 6.57              | (5.06 - 8.48)                       |
| Northern                      | 2.96                | (1.92 - 4.54)                         | 14.34               | (10.17 - 19.85)                       | 5.70              | (4.02 - 8.03)                       | 6.78              | (4.99 - 9.17)                       |
| Southeastern                  | 3.50                | (2.37 - 5.15)                         | 15.36               | (11.44 - 20.30)                       | 7.36              | (5.50 - 9.78)                       | 8.43              | (6.53 - 10.82)                      |
| Southern                      | 3.13                | (2.12 - 4.60)                         | 16.02               | (12.33 - 20.56)                       | 6.95              | (5.22 - 9.21)                       | 8.24              | (6.48 - 10.42)                      |
| Western                       | 3.32                | (2.22 - 4.94)                         | 17.70               | (13.26 - 23.22)                       | 6.49              | (4.72 - 8.86)                       | 8.20              | (6.30 - 10.62)                      |
| <b>Wyoming</b>                | 3.11                | (2.34 - 4.11)                         | 13.41               | (11.37 - 15.75)                       | 6.04              | (4.98 - 7.32)                       | 7.10              | (6.06 - 8.30)                       |
| Judicial District 1 (Laramie) | 3.37                | (2.24 - 5.06)                         | 13.47               | (9.91 - 18.04)                        | 5.89              | (4.35 - 7.92)                       | 6.90              | (5.32 - 8.90)                       |
| Judicial District 2           | 2.98                | (1.92 - 4.60)                         | 13.54               | (10.00 - 18.09)                       | 6.18              | (4.38 - 8.66)                       | 8.16              | (6.21 - 10.66)                      |
| Judicial District 3           | 2.99                | (2.00 - 4.46)                         | 12.63               | (9.13 - 17.23)                        | 6.34              | (4.65 - 8.60)                       | 7.20              | (5.46 - 9.46)                       |
| Judicial District 4           | *                   | (* - *)                               | *                   | (* - *)                               | 5.14              | (3.56 - 7.35)                       | 6.04              | (4.36 - 8.31)                       |
| Judicial District 5           | 2.98                | (1.96 - 4.49)                         | 12.07               | (8.55 - 16.79)                        | 5.10              | (3.63 - 7.13)                       | 5.95              | (4.40 - 8.01)                       |
| Judicial District 6           | 3.26                | (2.15 - 4.92)                         | 12.41               | (9.02 - 16.83)                        | 6.46              | (4.65 - 8.91)                       | 7.28              | (5.44 - 9.68)                       |
| Judicial District 7 (Natrona) | 3.14                | (2.08 - 4.70)                         | 14.10               | (10.29 - 19.03)                       | 6.35              | (4.64 - 8.63)                       | 7.38              | (5.62 - 9.64)                       |
| Judicial District 8           | 2.93                | (1.91 - 4.47)                         | 12.40               | (8.78 - 17.23)                        | 5.08              | (3.54 - 7.23)                       | 6.00              | (4.38 - 8.18)                       |
| Judicial District 9           | 3.14                | (2.01 - 4.85)                         | *                   | (* - *)                               | 6.88              | (4.90 - 9.57)                       | 7.99              | (5.93 - 10.68)                      |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: Alcohol Use Disorder is defined as meeting criteria for alcohol dependence or abuse. Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 10 *Serious Mental Illness in the Past Year*, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**

| State/Substate Region      | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 5.24                | (5.00 - 5.49)                         | 3.93              | (3.78 - 4.09)                       | 4.12              | (3.98 - 4.26)                       |
| <b>Northeast</b>           | 5.46                | (5.00 - 5.95)                         | 3.81              | (3.49 - 4.16)                       | 4.04              | (3.75 - 4.35)                       |
| <b>Midwest</b>             | 5.65                | (5.27 - 6.06)                         | 4.16              | (3.88 - 4.46)                       | 4.38              | (4.12 - 4.64)                       |
| <b>South</b>               | 4.82                | (4.50 - 5.17)                         | 3.90              | (3.65 - 4.16)                       | 4.03              | (3.80 - 4.27)                       |
| <b>West</b>                | 5.36                | (4.91 - 5.85)                         | 3.86              | (3.56 - 4.18)                       | 4.08              | (3.81 - 4.37)                       |
| <b>Alabama</b>             | 5.08                | (4.04 - 6.37)                         | 4.40              | (3.54 - 5.45)                       | 4.50              | (3.73 - 5.42)                       |
| Region 1                   | 5.25                | (3.74 - 7.32)                         | 4.63              | (3.43 - 6.21)                       | 4.71              | (3.60 - 6.14)                       |
| Region 2                   | 5.56                | (3.99 - 7.70)                         | 4.69              | (3.45 - 6.33)                       | 4.81              | (3.67 - 6.30)                       |
| Region 3                   | 4.56                | (3.21 - 6.44)                         | 4.01              | (2.90 - 5.52)                       | 4.11              | (3.10 - 5.42)                       |
| Region 4                   | 4.65                | (3.25 - 6.63)                         | 4.00              | (2.89 - 5.52)                       | 4.09              | (3.05 - 5.46)                       |
| <b>Alaska</b>              | 6.54                | (5.26 - 8.10)                         | 3.82              | (3.12 - 4.68)                       | 4.25              | (3.60 - 5.01)                       |
| Anchorage                  | 6.31                | (4.68 - 8.45)                         | 3.79              | (2.88 - 4.99)                       | 4.20              | (3.32 - 5.28)                       |
| Northern                   | 6.74                | (4.82 - 9.36)                         | 4.00              | (2.95 - 5.39)                       | 4.50              | (3.51 - 5.76)                       |
| South Central              | 6.50                | (4.60 - 9.11)                         | 3.63              | (2.64 - 4.98)                       | 4.04              | (3.08 - 5.29)                       |
| Southeast                  | 7.13                | (4.91 - 10.25)                        | 4.05              | (2.92 - 5.61)                       | 4.44              | (3.34 - 5.90)                       |
| <b>Arizona</b>             | 5.41                | (4.31 - 6.77)                         | 3.95              | (3.19 - 4.88)                       | 4.16              | (3.47 - 4.98)                       |
| Central                    | 5.57                | (4.18 - 7.39)                         | 3.82              | (2.96 - 4.93)                       | 4.08              | (3.28 - 5.06)                       |
| North                      | 5.51                | (3.80 - 7.91)                         | 3.96              | (2.80 - 5.56)                       | 4.17              | (3.07 - 5.63)                       |
| South                      | 5.03                | (3.77 - 6.67)                         | 4.21              | (3.22 - 5.49)                       | 4.33              | (3.42 - 5.47)                       |
| South A                    | 5.27                | (3.70 - 7.46)                         | 4.16              | (3.01 - 5.72)                       | 4.32              | (3.25 - 5.73)                       |
| South B                    | 4.74                | (3.25 - 6.87)                         | 4.27              | (3.05 - 5.95)                       | 4.34              | (3.21 - 5.85)                       |
| <b>Arkansas</b>            | 5.28                | (4.19 - 6.63)                         | 5.20              | (4.30 - 6.27)                       | 5.21              | (4.40 - 6.16)                       |
| Catchment Area 1           | 5.38                | (3.72 - 7.71)                         | 4.95              | (3.62 - 6.74)                       | 5.02              | (3.79 - 6.62)                       |
| Catchment Area 2           | 6.32                | (4.38 - 9.05)                         | 5.50              | (4.01 - 7.50)                       | 5.60              | (4.21 - 7.41)                       |
| Catchment Area 3           | 4.82                | (3.35 - 6.88)                         | 5.12              | (3.75 - 6.95)                       | 5.08              | (3.82 - 6.71)                       |
| Catchment Area 4           | 5.66                | (3.85 - 8.25)                         | 5.97              | (4.36 - 8.12)                       | 5.93              | (4.44 - 7.86)                       |
| Catchment Area 5           | 5.70                | (4.01 - 8.04)                         | 5.85              | (4.33 - 7.86)                       | 5.82              | (4.44 - 7.61)                       |
| Catchment Area 6           | 4.15                | (2.79 - 6.12)                         | 4.82              | (3.46 - 6.69)                       | 4.73              | (3.48 - 6.38)                       |
| Catchment Area 7           | *                   | (* - *)                               | 5.28              | (3.77 - 7.35)                       | 5.19              | (3.81 - 7.03)                       |
| Catchment Area 8           | 5.06                | (3.54 - 7.20)                         | 4.56              | (3.38 - 6.11)                       | 4.62              | (3.53 - 6.03)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 4.85                | (4.20 - 5.60)                         | 3.41              | (3.00 - 3.87)                       | 3.62              | (3.25 - 4.04)                       |
| Region 1R                   | 5.79                | (4.09 - 8.15)                         | 4.23              | (3.13 - 5.69)                       | 4.45              | (3.40 - 5.81)                       |
| Region 2R                   | 5.84                | (4.13 - 8.18)                         | 3.51              | (2.61 - 4.70)                       | 3.86              | (2.97 - 5.01)                       |
| Region 3R (Sacramento)      | 4.72                | (3.35 - 6.61)                         | 3.38              | (2.53 - 4.51)                       | 3.58              | (2.77 - 4.62)                       |
| Region 4R                   | 4.82                | (3.42 - 6.77)                         | 3.08              | (2.28 - 4.15)                       | 3.30              | (2.53 - 4.30)                       |
| Region 5R (San Francisco)   | 5.06                | (3.57 - 7.11)                         | 3.94              | (2.93 - 5.29)                       | 4.06              | (3.08 - 5.31)                       |
| Region 6 (Santa Clara)      | 5.39                | (3.90 - 7.42)                         | 2.97              | (2.22 - 3.98)                       | 3.29              | (2.54 - 4.25)                       |
| Region 7R (Contra Costa)    | 5.22                | (3.73 - 7.26)                         | 3.13              | (2.31 - 4.22)                       | 3.40              | (2.61 - 4.42)                       |
| Region 8R (Alameda)         | 5.46                | (3.87 - 7.66)                         | 3.72              | (2.75 - 5.02)                       | 3.95              | (3.02 - 5.16)                       |
| Region 9R (San Mateo)       | 4.96                | (3.51 - 6.96)                         | 2.84              | (2.07 - 3.88)                       | 3.08              | (2.32 - 4.07)                       |
| Region 10                   | 5.74                | (4.01 - 8.14)                         | 3.57              | (2.65 - 4.80)                       | 3.93              | (3.01 - 5.11)                       |
| Region 11 (Los Angeles)     | 4.51                | (3.76 - 5.41)                         | 3.39              | (2.87 - 4.00)                       | 3.56              | (3.08 - 4.11)                       |
| LA SPA 1 and 5              | 5.44                | (3.91 - 7.54)                         | 3.57              | (2.62 - 4.85)                       | 3.85              | (2.94 - 5.03)                       |
| LA SPA 2                    | 4.76                | (3.42 - 6.58)                         | 3.33              | (2.47 - 4.47)                       | 3.53              | (2.70 - 4.59)                       |
| LA SPA 3                    | 4.25                | (3.00 - 5.99)                         | 2.86              | (2.09 - 3.91)                       | 3.06              | (2.32 - 4.04)                       |
| LA SPA 4                    | 4.86                | (3.44 - 6.83)                         | 4.25              | (3.15 - 5.72)                       | 4.33              | (3.29 - 5.68)                       |
| LA SPA 6                    | 4.07                | (2.80 - 5.88)                         | 3.63              | (2.69 - 4.87)                       | 3.72              | (2.85 - 4.84)                       |
| LA SPA 7                    | 4.10                | (2.89 - 5.80)                         | 2.93              | (2.12 - 4.04)                       | 3.13              | (2.36 - 4.14)                       |
| LA SPA 8                    | 4.29                | (3.05 - 6.02)                         | 3.52              | (2.62 - 4.71)                       | 3.63              | (2.78 - 4.73)                       |
| Region 12R                  | 4.95                | (3.48 - 6.99)                         | 3.58              | (2.65 - 4.82)                       | 3.79              | (2.90 - 4.95)                       |
| Regions 13 and 19R          | 4.63                | (3.38 - 6.31)                         | 3.36              | (2.54 - 4.44)                       | 3.57              | (2.80 - 4.55)                       |
| Region 14 (Orange)          | 5.25                | (3.82 - 7.18)                         | 3.12              | (2.38 - 4.08)                       | 3.43              | (2.71 - 4.32)                       |
| Region 15R (Fresno)         | 4.68                | (3.33 - 6.54)                         | 3.55              | (2.64 - 4.76)                       | 3.75              | (2.89 - 4.85)                       |
| Region 16R (San Diego)      | 4.58                | (3.34 - 6.27)                         | 3.54              | (2.69 - 4.64)                       | 3.70              | (2.91 - 4.70)                       |
| Region 17R                  | 4.54                | (3.28 - 6.24)                         | 3.69              | (2.82 - 4.82)                       | 3.84              | (3.03 - 4.86)                       |
| Region 18R (San Bernardino) | 4.46                | (3.22 - 6.15)                         | 3.30              | (2.50 - 4.35)                       | 3.50              | (2.74 - 4.47)                       |
| Region 20R                  | 4.65                | (3.29 - 6.54)                         | 3.71              | (2.74 - 5.01)                       | 3.87              | (2.96 - 5.05)                       |
| Region 21R                  | 5.08                | (3.57 - 7.18)                         | 3.36              | (2.49 - 4.52)                       | 3.65              | (2.81 - 4.73)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                     | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 5.94                | (4.74 - 7.40)                         | 4.19              | (3.42 - 5.12)                       | 4.44              | (3.74 - 5.27)                       |
| Region 1                                  | 5.38                | (3.74 - 7.67)                         | 4.37              | (3.19 - 5.96)                       | 4.52              | (3.42 - 5.94)                       |
| Region 2                                  | 5.72                | (3.91 - 8.30)                         | 4.89              | (3.47 - 6.84)                       | 5.02              | (3.71 - 6.75)                       |
| Region 3                                  | 6.35                | (4.54 - 8.82)                         | 3.77              | (2.77 - 5.11)                       | 4.13              | (3.18 - 5.35)                       |
| Region 4                                  | 5.03                | (3.42 - 7.33)                         | 4.53              | (3.19 - 6.40)                       | 4.60              | (3.35 - 6.29)                       |
| Region 5                                  | 5.69                | (4.04 - 7.97)                         | 4.53              | (3.27 - 6.23)                       | 4.69              | (3.52 - 6.21)                       |
| Region 6                                  | 6.75                | (4.73 - 9.54)                         | 4.03              | (2.98 - 5.42)                       | 4.41              | (3.39 - 5.72)                       |
| Region 7                                  | 5.66                | (3.87 - 8.23)                         | 4.08              | (2.94 - 5.65)                       | 4.34              | (3.25 - 5.77)                       |
| <b>Connecticut</b>                        | 5.40                | (4.27 - 6.80)                         | 3.31              | (2.64 - 4.15)                       | 3.60              | (2.97 - 4.36)                       |
| Eastern                                   | 6.37                | (4.40 - 9.14)                         | 3.74              | (2.70 - 5.16)                       | 4.20              | (3.18 - 5.52)                       |
| North Central                             | 5.14                | (3.62 - 7.24)                         | 3.38              | (2.43 - 4.68)                       | 3.62              | (2.71 - 4.81)                       |
| Northwestern                              | 5.65                | (3.90 - 8.11)                         | 3.39              | (2.46 - 4.65)                       | 3.67              | (2.77 - 4.86)                       |
| South Central                             | 5.37                | (3.81 - 7.52)                         | 3.30              | (2.35 - 4.60)                       | 3.59              | (2.69 - 4.78)                       |
| Southwest                                 | 4.79                | (3.32 - 6.86)                         | 2.88              | (2.03 - 4.08)                       | 3.14              | (2.31 - 4.25)                       |
| <b>Delaware</b>                           | 6.08                | (4.81 - 7.65)                         | 3.77              | (3.02 - 4.71)                       | 4.08              | (3.38 - 4.93)                       |
| Kent                                      | 5.14                | (3.65 - 7.19)                         | 3.66              | (2.62 - 5.10)                       | 3.89              | (2.91 - 5.17)                       |
| New Castle (excluding<br>Wilmington City) | 6.89                | (5.15 - 9.15)                         | 3.86              | (2.91 - 5.11)                       | 4.30              | (3.39 - 5.44)                       |
| Sussex                                    | 5.54                | (3.85 - 7.92)                         | 3.62              | (2.60 - 5.03)                       | 3.82              | (2.83 - 5.13)                       |
| Wilmington City                           | 4.05                | (2.73 - 5.96)                         | 3.88              | (2.69 - 5.57)                       | 3.90              | (2.80 - 5.42)                       |
| <b>District of Columbia</b>               | 5.13                | (4.04 - 6.49)                         | 3.71              | (3.03 - 4.54)                       | 3.96              | (3.33 - 4.69)                       |
| Ward 1                                    | 4.56                | (3.12 - 6.61)                         | 4.02              | (2.89 - 5.56)                       | 4.12              | (3.09 - 5.46)                       |
| Ward 2                                    | 6.78                | (4.74 - 9.60)                         | 4.39              | (3.14 - 6.11)                       | 5.01              | (3.81 - 6.56)                       |
| Ward 3                                    | 7.86                | (5.36 - 11.38)                        | 3.63              | (2.62 - 5.01)                       | 4.33              | (3.29 - 5.67)                       |
| Ward 4                                    | 4.16                | (2.80 - 6.14)                         | 3.27              | (2.33 - 4.56)                       | 3.37              | (2.48 - 4.56)                       |
| Ward 5                                    | 4.57                | (3.08 - 6.73)                         | 3.25              | (2.33 - 4.53)                       | 3.48              | (2.60 - 4.64)                       |
| Ward 6                                    | 5.22                | (3.67 - 7.38)                         | 4.18              | (3.10 - 5.61)                       | 4.31              | (3.30 - 5.61)                       |
| Ward 7                                    | 2.86                | (1.89 - 4.30)                         | 3.09              | (2.15 - 4.42)                       | 3.05              | (2.20 - 4.22)                       |
| Ward 8                                    | 3.30                | (2.17 - 4.98)                         | 3.83              | (2.68 - 5.45)                       | 3.72              | (2.71 - 5.10)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                                   | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 4.79                | (4.11 - 5.59)                         | 3.39              | (2.91 - 3.95)                       | 3.57              | (3.13 - 4.07)                       |
| Broward (Circuit 17)                                                    | 4.22                | (3.02 - 5.85)                         | 2.93              | (2.15 - 3.99)                       | 3.09              | (2.34 - 4.07)                       |
| Central I                                                               | 4.80                | (3.76 - 6.13)                         | 3.33              | (2.64 - 4.19)                       | 3.54              | (2.89 - 4.32)                       |
| Circuit 9                                                               | 4.64                | (3.42 - 6.27)                         | 3.30              | (2.44 - 4.45)                       | 3.51              | (2.71 - 4.54)                       |
| Circuit 18                                                              | 5.12                | (3.63 - 7.17)                         | 3.37              | (2.50 - 4.52)                       | 3.58              | (2.74 - 4.66)                       |
| Central II                                                              | 5.20                | (4.29 - 6.28)                         | 3.48              | (2.90 - 4.17)                       | 3.67              | (3.12 - 4.31)                       |
| Circuit 6                                                               | 5.24                | (3.78 - 7.21)                         | 3.78              | (2.85 - 5.02)                       | 3.93              | (3.03 - 5.08)                       |
| Circuit 10                                                              | 4.52                | (3.15 - 6.44)                         | 3.62              | (2.64 - 4.93)                       | 3.73              | (2.81 - 4.94)                       |
| Circuit 12                                                              | 5.10                | (3.60 - 7.17)                         | 3.03              | (2.21 - 4.15)                       | 3.23              | (2.42 - 4.29)                       |
| Circuit 13 (Hillsborough)                                               | 5.68                | (4.17 - 7.68)                         | 3.87              | (2.88 - 5.18)                       | 4.12              | (3.18 - 5.33)                       |
| Circuit 20                                                              | 5.02                | (3.52 - 7.10)                         | 2.95              | (2.15 - 4.03)                       | 3.16              | (2.37 - 4.18)                       |
| Northeast                                                               | 5.20                | (4.21 - 6.42)                         | 3.70              | (3.03 - 4.51)                       | 3.89              | (3.27 - 4.63)                       |
| Circuit 4                                                               | 5.09                | (3.67 - 7.01)                         | 3.97              | (2.93 - 5.36)                       | 4.12              | (3.15 - 5.38)                       |
| Circuit 5                                                               | 5.27                | (3.71 - 7.44)                         | 3.19              | (2.30 - 4.42)                       | 3.38              | (2.51 - 4.55)                       |
| Circuit 7                                                               | 5.42                | (3.85 - 7.59)                         | 3.58              | (2.63 - 4.86)                       | 3.79              | (2.87 - 4.99)                       |
| Circuit 8 plus Columbia, Dixie,<br>Hamilton, Lafayette, and<br>Suwannee | 5.09                | (3.53 - 7.29)                         | 4.50              | (3.26 - 6.16)                       | 4.61              | (3.48 - 6.09)                       |
| Northwest                                                               | 5.17                | (4.11 - 6.47)                         | 4.07              | (3.26 - 5.06)                       | 4.25              | (3.51 - 5.13)                       |
| Circuit 1                                                               | 4.84                | (3.48 - 6.69)                         | 4.07              | (3.01 - 5.49)                       | 4.18              | (3.19 - 5.46)                       |
| Circuit 2 plus Madison and<br>Taylor                                    | 5.32                | (3.83 - 7.34)                         | 3.78              | (2.79 - 5.10)                       | 4.11              | (3.18 - 5.29)                       |
| Circuit 14                                                              | 5.67                | (4.00 - 7.97)                         | 4.45              | (3.20 - 6.17)                       | 4.61              | (3.42 - 6.18)                       |
| South (Circuits 11 and 16)                                              | 3.82                | (2.77 - 5.26)                         | 3.04              | (2.28 - 4.03)                       | 3.14              | (2.43 - 4.04)                       |
| Southeast                                                               | 4.51                | (3.44 - 5.88)                         | 3.12              | (2.43 - 3.99)                       | 3.27              | (2.61 - 4.08)                       |
| Circuit 15 (Palm Beach)                                                 | 4.41                | (3.15 - 6.14)                         | 2.95              | (2.18 - 3.97)                       | 3.11              | (2.37 - 4.07)                       |
| Circuit 19                                                              | 4.73                | (3.35 - 6.63)                         | 3.48              | (2.50 - 4.84)                       | 3.62              | (2.68 - 4.87)                       |
| <b>Georgia</b>                                                          | 4.37                | (3.55 - 5.38)                         | 4.01              | (3.34 - 4.80)                       | 4.06              | (3.46 - 4.76)                       |
| Region 1                                                                | 4.79                | (3.44 - 6.63)                         | 4.11              | (3.12 - 5.40)                       | 4.20              | (3.28 - 5.37)                       |
| Region 2                                                                | 4.46                | (3.16 - 6.26)                         | 4.71              | (3.46 - 6.39)                       | 4.67              | (3.54 - 6.14)                       |
| Region 3                                                                | 4.44                | (3.23 - 6.07)                         | 3.37              | (2.52 - 4.49)                       | 3.52              | (2.73 - 4.53)                       |
| Region 4                                                                | 4.11                | (2.82 - 5.96)                         | 4.83              | (3.46 - 6.70)                       | 4.71              | (3.49 - 6.34)                       |
| Region 5                                                                | 4.02                | (2.77 - 5.79)                         | 4.44              | (3.23 - 6.07)                       | 4.37              | (3.28 - 5.80)                       |
| Region 6                                                                | 3.92                | (2.71 - 5.64)                         | 3.83              | (2.86 - 5.12)                       | 3.85              | (2.95 - 5.00)                       |

See notes at end of table.

(continued)



**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region           | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 4.34                | (3.32 - 5.65)                         | 3.25              | (2.52 - 4.18)                       | 3.39              | (2.72 - 4.22)                       |
| Hawaii Island                   | 4.20                | (2.86 - 6.14)                         | 3.95              | (2.78 - 5.59)                       | 3.98              | (2.89 - 5.46)                       |
| Honolulu                        | 4.36                | (3.19 - 5.93)                         | 2.99              | (2.20 - 4.05)                       | 3.18              | (2.44 - 4.12)                       |
| Kauai                           | 4.29                | (2.89 - 6.30)                         | 3.53              | (2.42 - 5.11)                       | 3.61              | (2.57 - 5.06)                       |
| Maui                            | 4.40                | (3.00 - 6.41)                         | 3.89              | (2.72 - 5.53)                       | 3.95              | (2.85 - 5.45)                       |
| <b>Idaho</b>                    | 6.20                | (4.98 - 7.71)                         | 4.63              | (3.85 - 5.55)                       | 4.85              | (4.14 - 5.69)                       |
| Region 1                        | 6.27                | (4.31 - 9.03)                         | 4.66              | (3.41 - 6.34)                       | 4.85              | (3.66 - 6.40)                       |
| Region 2                        | 6.82                | (4.65 - 9.89)                         | 4.32              | (3.08 - 6.05)                       | 4.76              | (3.55 - 6.36)                       |
| Region 3                        | 5.80                | (4.09 - 8.17)                         | 5.26              | (3.90 - 7.05)                       | 5.33              | (4.07 - 6.96)                       |
| Region 4                        | 6.36                | (4.59 - 8.76)                         | 4.33              | (3.30 - 5.67)                       | 4.60              | (3.62 - 5.82)                       |
| Region 5                        | 5.27                | (3.69 - 7.46)                         | 4.94              | (3.61 - 6.71)                       | 4.98              | (3.76 - 6.58)                       |
| Region 6                        | *                   | (* - *)                               | 4.75              | (3.42 - 6.58)                       | 5.01              | (3.74 - 6.70)                       |
| Region 7                        | 6.42                | (4.47 - 9.14)                         | 4.34              | (3.17 - 5.91)                       | 4.73              | (3.61 - 6.17)                       |
| <b>Illinois</b>                 | 4.72                | (3.95 - 5.64)                         | 3.55              | (3.03 - 4.16)                       | 3.72              | (3.24 - 4.27)                       |
| Region 1 (Cook)                 | 4.38                | (3.53 - 5.42)                         | 3.42              | (2.84 - 4.11)                       | 3.55              | (3.02 - 4.18)                       |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | 4.16              | (3.07 - 5.61)                       | 4.25              | (3.20 - 5.62)                       |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | 3.96              | (2.86 - 5.46)                       | 3.99              | (2.96 - 5.35)                       |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | 4.16              | (3.02 - 5.70)                       | 4.46              | (3.36 - 5.91)                       |
| Region 1.4 (West Side)          | 3.72                | (2.56 - 5.38)                         | 3.86              | (2.78 - 5.33)                       | 3.83              | (2.85 - 5.14)                       |
| Region 1.5 (South Side)         | 3.66                | (2.48 - 5.37)                         | 3.20              | (2.27 - 4.51)                       | 3.27              | (2.41 - 4.43)                       |
| Region 1.6 (Southwest Side)     | 3.33                | (2.28 - 4.83)                         | 3.42              | (2.45 - 4.77)                       | 3.41              | (2.52 - 4.60)                       |
| Region 1.7 (Suburban Cook)      | 4.44                | (3.25 - 6.04)                         | 3.05              | (2.32 - 3.98)                       | 3.22              | (2.54 - 4.09)                       |
| Region 2                        | 4.76                | (3.77 - 5.99)                         | 3.20              | (2.59 - 3.94)                       | 3.42              | (2.85 - 4.10)                       |
| Region 2a (DuPage)              | 5.33                | (3.76 - 7.51)                         | 3.04              | (2.20 - 4.20)                       | 3.35              | (2.51 - 4.45)                       |
| Region 2b                       | 4.49                | (3.28 - 6.13)                         | 3.01              | (2.27 - 3.98)                       | 3.23              | (2.52 - 4.12)                       |
| Region 2c (Winnebago)           | *                   | (* - *)                               | 4.20              | (3.05 - 5.78)                       | 4.32              | (3.22 - 5.77)                       |
| Region 2d                       | 4.75                | (3.34 - 6.71)                         | 3.59              | (2.65 - 4.85)                       | 3.76              | (2.88 - 4.91)                       |
| Region 3                        | 5.21                | (3.94 - 6.87)                         | 4.22              | (3.25 - 5.47)                       | 4.39              | (3.49 - 5.50)                       |
| Region 3a (Champaign)           | 5.54                | (3.89 - 7.83)                         | 3.99              | (2.90 - 5.47)                       | 4.43              | (3.38 - 5.78)                       |
| Region 3b                       | 5.11                | (3.67 - 7.08)                         | 4.26              | (3.20 - 5.64)                       | 4.38              | (3.40 - 5.63)                       |
| Region 4                        | 5.23                | (3.83 - 7.11)                         | 4.05              | (3.12 - 5.24)                       | 4.21              | (3.34 - 5.30)                       |
| Region 4a (Sangamon)            | *                   | (* - *)                               | 3.84              | (2.77 - 5.29)                       | 4.02              | (3.01 - 5.37)                       |
| Region 4b                       | 5.21                | (3.62 - 7.45)                         | 4.11              | (3.04 - 5.54)                       | 4.26              | (3.25 - 5.58)                       |
| Region 5                        | 5.03                | (3.85 - 6.54)                         | 4.11              | (3.21 - 5.24)                       | 4.23              | (3.40 - 5.26)                       |
| Region 5a                       | 4.79                | (3.36 - 6.77)                         | 3.93              | (2.89 - 5.33)                       | 4.05              | (3.06 - 5.34)                       |
| Region 5b                       | 5.22                | (3.77 - 7.19)                         | 4.24              | (3.14 - 5.72)                       | 4.38              | (3.35 - 5.71)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                    | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                           | 6.15                | (5.01 - 7.53)                         | 4.60              | (3.76 - 5.64)                       | 4.84              | (4.07 - 5.74)                       |
| Central                                  | 6.19                | (4.49 - 8.50)                         | 4.06              | (2.99 - 5.50)                       | 4.36              | (3.33 - 5.68)                       |
| East                                     | 5.92                | (4.09 - 8.51)                         | 4.81              | (3.41 - 6.75)                       | 4.99              | (3.68 - 6.73)                       |
| North Central                            | 5.83                | (4.05 - 8.33)                         | 4.53              | (3.27 - 6.25)                       | 4.72              | (3.53 - 6.28)                       |
| Northeast                                | 6.08                | (4.27 - 8.59)                         | 4.74              | (3.40 - 6.58)                       | 4.93              | (3.68 - 6.58)                       |
| Northwest                                | 5.40                | (3.76 - 7.71)                         | 4.57              | (3.25 - 6.39)                       | 4.69              | (3.46 - 6.33)                       |
| Southeast                                | 7.26                | (5.03 - 10.39)                        | 5.22              | (3.73 - 7.25)                       | 5.48              | (4.06 - 7.35)                       |
| Southwest                                | 6.15                | (4.35 - 8.63)                         | 4.84              | (3.48 - 6.69)                       | 5.02              | (3.75 - 6.70)                       |
| West                                     | 6.38                | (4.53 - 8.92)                         | 5.01              | (3.63 - 6.88)                       | 5.32              | (4.06 - 6.94)                       |
| <b>Iowa</b>                              | 5.62                | (4.50 - 6.99)                         | 3.91              | (3.16 - 4.82)                       | 4.17              | (3.49 - 4.98)                       |
| Central                                  | 5.67                | (4.01 - 7.95)                         | 3.79              | (2.77 - 5.16)                       | 4.06              | (3.10 - 5.30)                       |
| North Central                            | 6.27                | (4.37 - 8.94)                         | 3.94              | (2.90 - 5.34)                       | 4.39              | (3.37 - 5.69)                       |
| Northeast                                | 5.70                | (4.07 - 7.93)                         | 4.02              | (2.91 - 5.54)                       | 4.28              | (3.24 - 5.64)                       |
| Northwest                                | 4.77                | (3.27 - 6.92)                         | 3.43              | (2.45 - 4.78)                       | 3.61              | (2.67 - 4.87)                       |
| Southeast                                | 5.61                | (3.92 - 7.97)                         | 4.28              | (3.15 - 5.80)                       | 4.50              | (3.43 - 5.88)                       |
| Southwest                                | 5.59                | (3.85 - 8.04)                         | 3.78              | (2.67 - 5.32)                       | 4.01              | (2.95 - 5.43)                       |
| <b>Kansas</b>                            | 5.30                | (4.18 - 6.70)                         | 4.00              | (3.24 - 4.91)                       | 4.20              | (3.51 - 5.01)                       |
| Northeast                                | 5.48                | (4.05 - 7.39)                         | 3.96              | (3.03 - 5.16)                       | 4.21              | (3.34 - 5.29)                       |
| Northwest and North Central              | *                   | (* - *)                               | 3.94              | (2.80 - 5.52)                       | 4.13              | (3.05 - 5.57)                       |
| South Central                            | 5.13                | (3.66 - 7.14)                         | 3.93              | (2.93 - 5.25)                       | 4.10              | (3.17 - 5.30)                       |
| Southeast                                | *                   | (* - *)                               | 4.69              | (3.33 - 6.58)                       | 4.78              | (3.51 - 6.47)                       |
| Southwest                                | 4.39                | (2.97 - 6.43)                         | 3.80              | (2.71 - 5.31)                       | 3.89              | (2.88 - 5.24)                       |
| <b>Kentucky</b>                          | 5.46                | (4.40 - 6.75)                         | 4.99              | (4.11 - 6.06)                       | 5.06              | (4.26 - 6.00)                       |
| Adanta, Cumberland River, and Lifeskills | 5.68                | (3.99 - 8.02)                         | 6.04              | (4.44 - 8.18)                       | 5.99              | (4.52 - 7.90)                       |
| Bluegrass, Comprehend, and North Key     | 5.57                | (4.02 - 7.65)                         | 4.50              | (3.32 - 6.06)                       | 4.66              | (3.57 - 6.05)                       |
| Centerstone                              | 5.11                | (3.59 - 7.24)                         | 4.24              | (3.15 - 5.67)                       | 4.36              | (3.34 - 5.67)                       |
| Communicare and River Valley             | 5.22                | (3.61 - 7.49)                         | 4.74              | (3.36 - 6.65)                       | 4.81              | (3.53 - 6.51)                       |
| Four Rivers and Pennyroyal               | 5.29                | (3.68 - 7.57)                         | 5.27              | (3.79 - 7.28)                       | 5.27              | (3.90 - 7.08)                       |
| Kentucky River, Mountain, and Pathways   | 5.87                | (4.10 - 8.33)                         | 6.25              | (4.52 - 8.58)                       | 6.20              | (4.60 - 8.30)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 4.57                | (3.61 - 5.78)                         | 4.46              | (3.65 - 5.44)                       | 4.48              | (3.75 - 5.33)                       |
| Regions 1 and 10      | 4.58                | (3.35 - 6.23)                         | 4.53              | (3.49 - 5.87)                       | 4.54              | (3.58 - 5.74)                       |
| Region 1              | 4.39                | (2.98 - 6.44)                         | 4.34              | (3.13 - 5.99)                       | 4.35              | (3.24 - 5.81)                       |
| Region 10 (Jefferson) | 4.84                | (3.30 - 7.05)                         | 4.73              | (3.40 - 6.55)                       | 4.75              | (3.51 - 6.40)                       |
| Regions 2 and 9       | 4.64                | (3.31 - 6.47)                         | 3.81              | (2.82 - 5.14)                       | 3.94              | (3.02 - 5.11)                       |
| Region 3              | 4.69                | (3.22 - 6.78)                         | 4.35              | (3.15 - 6.00)                       | 4.40              | (3.28 - 5.88)                       |
| Regions 4, 5, and 6   | 4.97                | (3.43 - 7.15)                         | 4.94              | (3.64 - 6.68)                       | 4.95              | (3.75 - 6.50)                       |
| Regions 7 and 8       | 3.95                | (2.74 - 5.64)                         | 4.67              | (3.44 - 6.33)                       | 4.56              | (3.45 - 6.01)                       |
| <b>Maine</b>          | 5.36                | (4.24 - 6.74)                         | 4.55              | (3.72 - 5.55)                       | 4.65              | (3.89 - 5.54)                       |
| Aroostook/Downeast    | 5.42                | (3.97 - 7.37)                         | 5.25              | (3.96 - 6.92)                       | 5.27              | (4.07 - 6.79)                       |
| Aroostook             | 5.46                | (3.73 - 7.92)                         | 5.00              | (3.58 - 6.93)                       | 5.05              | (3.72 - 6.82)                       |
| Downeast              | 5.39                | (3.65 - 7.89)                         | 5.45              | (3.82 - 7.71)                       | 5.44              | (3.91 - 7.52)                       |
| Central               | 5.69                | (3.91 - 8.19)                         | 5.09              | (3.65 - 7.05)                       | 5.16              | (3.80 - 6.96)                       |
| Cumberland            | 5.30                | (3.69 - 7.56)                         | 3.98              | (2.87 - 5.48)                       | 4.14              | (3.10 - 5.51)                       |
| Midcoast              | 5.38                | (3.65 - 7.87)                         | 4.64              | (3.34 - 6.40)                       | 4.71              | (3.48 - 6.35)                       |
| Penquis               | 5.18                | (3.59 - 7.41)                         | 4.81              | (3.48 - 6.61)                       | 4.86              | (3.63 - 6.47)                       |
| Western               | 5.42                | (3.75 - 7.78)                         | 4.72              | (3.43 - 6.47)                       | 4.81              | (3.60 - 6.40)                       |
| York                  | 5.20                | (3.62 - 7.42)                         | 3.90              | (2.79 - 5.44)                       | 4.05              | (2.99 - 5.46)                       |
| <b>Maryland</b>       | 5.17                | (4.14 - 6.43)                         | 3.12              | (2.53 - 3.84)                       | 3.40              | (2.85 - 4.05)                       |
| Anne Arundel          | 6.13                | (4.26 - 8.75)                         | 3.36              | (2.44 - 4.62)                       | 3.72              | (2.81 - 4.90)                       |
| Baltimore City        | 4.07                | (2.74 - 6.00)                         | 3.38              | (2.41 - 4.74)                       | 3.49              | (2.58 - 4.71)                       |
| Baltimore County      | 5.68                | (3.95 - 8.11)                         | 3.20              | (2.29 - 4.46)                       | 3.54              | (2.65 - 4.72)                       |
| Montgomery            | 5.09                | (3.50 - 7.34)                         | 2.79              | (2.00 - 3.87)                       | 3.05              | (2.28 - 4.07)                       |
| North Central         | 5.92                | (4.13 - 8.43)                         | 3.02              | (2.12 - 4.29)                       | 3.39              | (2.50 - 4.59)                       |
| Northeast             | 5.95                | (4.08 - 8.59)                         | 3.42              | (2.40 - 4.85)                       | 3.74              | (2.75 - 5.07)                       |
| Prince George's       | 4.00                | (2.76 - 5.76)                         | 2.52              | (1.80 - 3.52)                       | 2.75              | (2.05 - 3.68)                       |
| South                 | 5.29                | (3.65 - 7.61)                         | 3.45              | (2.45 - 4.85)                       | 3.73              | (2.77 - 5.00)                       |
| West                  | 5.81                | (4.00 - 8.35)                         | 3.51              | (2.52 - 4.88)                       | 3.82              | (2.86 - 5.08)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 5.76                | (4.60 - 7.19)                         | 3.94              | (3.21 - 4.83)                       | 4.21              | (3.54 - 5.01)                       |
| Boston                | 5.65                | (3.94 - 8.04)                         | 4.53              | (3.28 - 6.23)                       | 4.76              | (3.62 - 6.24)                       |
| Central               | 5.27                | (3.61 - 7.62)                         | 4.02              | (2.89 - 5.56)                       | 4.20              | (3.13 - 5.61)                       |
| Metrowest             | 6.17                | (4.32 - 8.74)                         | 3.46              | (2.52 - 4.74)                       | 3.83              | (2.91 - 5.03)                       |
| Northeast             | 5.43                | (3.81 - 7.70)                         | 4.00              | (2.96 - 5.38)                       | 4.19              | (3.20 - 5.46)                       |
| Southeast             | 5.79                | (4.02 - 8.28)                         | 3.95              | (2.86 - 5.43)                       | 4.19              | (3.13 - 5.58)                       |
| Western               | 6.09                | (4.32 - 8.54)                         | 4.10              | (2.93 - 5.71)                       | 4.43              | (3.32 - 5.89)                       |
| <b>Michigan</b>       | 5.59                | (4.76 - 6.55)                         | 4.13              | (3.54 - 4.81)                       | 4.34              | (3.81 - 4.95)                       |
| Region 1              | 5.83                | (4.11 - 8.22)                         | 4.54              | (3.27 - 6.25)                       | 4.72              | (3.53 - 6.28)                       |
| Region 2              | 6.97                | (4.89 - 9.83)                         | 4.26              | (3.12 - 5.79)                       | 4.55              | (3.44 - 6.00)                       |
| Region 3              | 5.50                | (4.03 - 7.46)                         | 4.28              | (3.28 - 5.57)                       | 4.47              | (3.52 - 5.65)                       |
| Region 4              | 6.02                | (4.44 - 8.11)                         | 4.87              | (3.68 - 6.42)                       | 5.04              | (3.93 - 6.44)                       |
| Region 5              | 6.07                | (4.57 - 8.01)                         | 4.62              | (3.60 - 5.92)                       | 4.87              | (3.92 - 6.04)                       |
| Region 6              | 6.38                | (4.56 - 8.85)                         | 3.66              | (2.70 - 4.94)                       | 4.11              | (3.17 - 5.32)                       |
| Region 7              | 4.46                | (3.29 - 6.01)                         | 3.57              | (2.69 - 4.73)                       | 3.70              | (2.89 - 4.74)                       |
| Region 8              | 5.46                | (3.93 - 7.52)                         | 3.59              | (2.66 - 4.83)                       | 3.82              | (2.93 - 4.96)                       |
| Region 9              | 5.27                | (3.76 - 7.34)                         | 4.04              | (3.02 - 5.39)                       | 4.19              | (3.22 - 5.45)                       |
| Region 10             | 5.39                | (3.83 - 7.53)                         | 4.58              | (3.37 - 6.19)                       | 4.69              | (3.56 - 6.15)                       |
| <b>Minnesota</b>      | 5.77                | (4.66 - 7.13)                         | 4.09              | (3.37 - 4.96)                       | 4.32              | (3.67 - 5.09)                       |
| Regions 1 and 2       | 5.97                | (4.41 - 8.02)                         | 4.37              | (3.31 - 5.74)                       | 4.58              | (3.59 - 5.83)                       |
| Region 1              | *                   | (* - *)                               | 4.21              | (3.00 - 5.88)                       | 4.39              | (3.24 - 5.92)                       |
| Region 2              | *                   | (* - *)                               | 4.46              | (3.19 - 6.21)                       | 4.69              | (3.48 - 6.30)                       |
| Regions 3 and 4       | 5.79                | (4.31 - 7.75)                         | 4.30              | (3.33 - 5.55)                       | 4.52              | (3.61 - 5.64)                       |
| Region 3              | *                   | (* - *)                               | 4.24              | (3.02 - 5.93)                       | 4.46              | (3.29 - 6.01)                       |
| Region 4              | 5.79                | (4.06 - 8.18)                         | 4.34              | (3.20 - 5.86)                       | 4.55              | (3.48 - 5.93)                       |
| Regions 5 and 6       | 5.72                | (4.24 - 7.66)                         | 4.22              | (3.23 - 5.49)                       | 4.44              | (3.51 - 5.59)                       |
| Region 5              | 5.35                | (3.73 - 7.61)                         | 4.18              | (2.99 - 5.81)                       | 4.35              | (3.24 - 5.82)                       |
| Region 6              | 6.10                | (4.13 - 8.92)                         | 4.26              | (3.05 - 5.93)                       | 4.53              | (3.36 - 6.07)                       |
| Region 7              | 5.75                | (4.47 - 7.37)                         | 3.93              | (3.14 - 4.91)                       | 4.18              | (3.45 - 5.05)                       |
| Region 7A (Hennepin)  | 6.07                | (4.33 - 8.47)                         | 4.27              | (3.17 - 5.71)                       | 4.50              | (3.47 - 5.82)                       |
| Region 7B (Ramsey)    | 5.39                | (3.72 - 7.75)                         | 4.32              | (3.13 - 5.94)                       | 4.49              | (3.37 - 5.96)                       |
| Region 7C             | 5.61                | (3.93 - 7.94)                         | 3.42              | (2.48 - 4.71)                       | 3.70              | (2.81 - 4.88)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                  | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 4.23                | (3.34 - 5.35)                         | 4.07              | (3.27 - 5.04)                       | 4.09              | (3.38 - 4.94)                       |
| Region 1                               | 4.56                | (3.16 - 6.54)                         | 4.50              | (3.32 - 6.07)                       | 4.51              | (3.42 - 5.92)                       |
| Region 2                               | 3.39                | (2.29 - 4.99)                         | 3.84              | (2.71 - 5.41)                       | 3.77              | (2.74 - 5.16)                       |
| Region 3                               | 4.19                | (2.86 - 6.10)                         | 4.01              | (2.86 - 5.59)                       | 4.04              | (2.99 - 5.43)                       |
| Region 4                               | 3.65                | (2.51 - 5.27)                         | 3.24              | (2.28 - 4.58)                       | 3.30              | (2.41 - 4.49)                       |
| Region 5                               | *                   | (* - *)                               | 4.41              | (3.02 - 6.38)                       | 4.37              | (3.10 - 6.14)                       |
| Region 6                               | 4.65                | (3.17 - 6.79)                         | 4.52              | (3.22 - 6.32)                       | 4.54              | (3.35 - 6.13)                       |
| Region 7                               | 4.89                | (3.37 - 7.05)                         | 4.21              | (3.02 - 5.85)                       | 4.31              | (3.20 - 5.78)                       |
| <b>Missouri</b>                        | 5.71                | (4.64 - 7.00)                         | 4.32              | (3.54 - 5.26)                       | 4.52              | (3.81 - 5.35)                       |
| Central                                | 5.82                | (4.09 - 8.20)                         | 4.29              | (3.06 - 6.00)                       | 4.56              | (3.42 - 6.06)                       |
| Eastern                                | 5.59                | (4.24 - 7.32)                         | 3.94              | (3.08 - 5.02)                       | 4.16              | (3.36 - 5.15)                       |
| Eastern (St. Louis City and<br>County) | 5.38                | (3.79 - 7.57)                         | 3.88              | (2.85 - 5.27)                       | 4.09              | (3.11 - 5.35)                       |
| Eastern (excluding St. Louis)          | 5.97                | (4.21 - 8.39)                         | 4.04              | (2.96 - 5.49)                       | 4.30              | (3.27 - 5.63)                       |
| Northwest                              | 5.63                | (4.23 - 7.44)                         | 4.11              | (3.15 - 5.34)                       | 4.32              | (3.43 - 5.43)                       |
| Northwest (Jackson)                    | 5.01                | (3.51 - 7.09)                         | 3.88              | (2.80 - 5.37)                       | 4.03              | (3.02 - 5.37)                       |
| Northwest (excluding Jackson)          | 6.12                | (4.28 - 8.67)                         | 4.30              | (3.11 - 5.91)                       | 4.56              | (3.43 - 6.04)                       |
| Southeast                              | 6.16                | (4.32 - 8.72)                         | 5.66              | (4.12 - 7.74)                       | 5.73              | (4.29 - 7.61)                       |
| Southwest                              | 5.64                | (3.96 - 7.97)                         | 4.51              | (3.27 - 6.21)                       | 4.67              | (3.51 - 6.20)                       |
| <b>Montana</b>                         | 5.87                | (4.73 - 7.26)                         | 4.71              | (3.87 - 5.74)                       | 4.88              | (4.10 - 5.78)                       |
| Region 1                               | *                   | (* - *)                               | 4.37              | (3.12 - 6.08)                       | 4.48              | (3.31 - 6.05)                       |
| Region 2                               | 5.22                | (3.68 - 7.35)                         | 4.87              | (3.52 - 6.71)                       | 4.92              | (3.68 - 6.55)                       |
| Region 3                               | 5.12                | (3.59 - 7.25)                         | 4.35              | (3.26 - 5.78)                       | 4.45              | (3.43 - 5.76)                       |
| Region 4                               | 6.34                | (4.59 - 8.68)                         | 4.30              | (3.18 - 5.79)                       | 4.60              | (3.55 - 5.95)                       |
| Region 5                               | 6.34                | (4.61 - 8.66)                         | 5.33              | (4.02 - 7.05)                       | 5.47              | (4.26 - 7.01)                       |
| <b>Nebraska</b>                        | 5.82                | (4.67 - 7.22)                         | 4.10              | (3.34 - 5.01)                       | 4.36              | (3.67 - 5.16)                       |
| Regions 1 and 2                        | 5.44                | (4.02 - 7.34)                         | 4.07              | (3.04 - 5.42)                       | 4.25              | (3.29 - 5.49)                       |
| Region 1                               | *                   | (* - *)                               | 4.08              | (2.85 - 5.80)                       | 4.26              | (3.10 - 5.83)                       |
| Region 2                               | *                   | (* - *)                               | 4.06              | (2.86 - 5.73)                       | 4.25              | (3.10 - 5.79)                       |
| Region 3                               | 5.86                | (4.11 - 8.30)                         | 4.11              | (2.98 - 5.65)                       | 4.37              | (3.31 - 5.76)                       |
| Region 4                               | 5.05                | (3.45 - 7.34)                         | 3.84              | (2.74 - 5.37)                       | 4.02              | (2.97 - 5.42)                       |
| Region 5                               | 5.01                | (3.49 - 7.13)                         | 3.66              | (2.65 - 5.04)                       | 3.89              | (2.93 - 5.13)                       |
| Region 6                               | 6.63                | (4.89 - 8.94)                         | 4.42              | (3.36 - 5.81)                       | 4.75              | (3.75 - 6.01)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region   | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 5.83                | (4.55 - 7.43)                         | 4.30              | (3.46 - 5.34)                       | 4.50              | (3.72 - 5.44)                       |
| Clark – Region 1        | 5.56                | (4.14 - 7.43)                         | 4.19              | (3.24 - 5.41)                       | 4.37              | (3.49 - 5.47)                       |
| Region 3                | 5.96                | (4.37 - 8.09)                         | 4.25              | (3.22 - 5.58)                       | 4.45              | (3.47 - 5.69)                       |
| Capital District        | *                   | (* - *)                               | 4.07              | (2.87 - 5.73)                       | 4.27              | (3.12 - 5.84)                       |
| Rural/Frontier          | *                   | (* - *)                               | 4.42              | (3.17 - 6.12)                       | 4.61              | (3.42 - 6.19)                       |
| Washoe – Region 2       | 6.96                | (4.92 - 9.75)                         | 4.86              | (3.57 - 6.58)                       | 5.14              | (3.91 - 6.74)                       |
| <b>New Hampshire</b>    | 8.48                | (6.81 - 10.51)                        | 5.06              | (4.10 - 6.23)                       | 5.52              | (4.63 - 6.57)                       |
| Central                 | 8.88                | (6.78 - 11.54)                        | 5.40              | (4.18 - 6.96)                       | 5.90              | (4.75 - 7.31)                       |
| Central 1               | 9.53                | (6.90 - 13.02)                        | 5.55              | (4.08 - 7.51)                       | 6.19              | (4.79 - 7.96)                       |
| Central 2               | 8.07                | (5.78 - 11.17)                        | 5.26              | (3.84 - 7.18)                       | 5.62              | (4.26 - 7.38)                       |
| Northern                | 7.51                | (5.35 - 10.46)                        | 5.06              | (3.63 - 7.00)                       | 5.40              | (4.06 - 7.15)                       |
| Southern                | 8.49                | (6.52 - 10.99)                        | 4.89              | (3.85 - 6.20)                       | 5.36              | (4.37 - 6.56)                       |
| Southern 1 (Rockingham) | 7.44                | (5.25 - 10.46)                        | 4.35              | (3.15 - 5.97)                       | 4.71              | (3.56 - 6.22)                       |
| Southern 2              | 9.06                | (6.63 - 12.26)                        | 5.24              | (3.96 - 6.92)                       | 5.77              | (4.54 - 7.31)                       |
| <b>New Jersey</b>       | 5.64                | (4.66 - 6.81)                         | 3.45              | (2.81 - 4.22)                       | 3.74              | (3.15 - 4.43)                       |
| Central                 | 6.64                | (4.83 - 9.06)                         | 3.38              | (2.49 - 4.57)                       | 3.79              | (2.93 - 4.90)                       |
| Metropolitan            | 4.79                | (3.43 - 6.66)                         | 3.15              | (2.30 - 4.29)                       | 3.38              | (2.57 - 4.42)                       |
| Northern                | 5.44                | (4.08 - 7.22)                         | 3.49              | (2.63 - 4.63)                       | 3.74              | (2.92 - 4.76)                       |
| Southern                | 5.93                | (4.38 - 7.98)                         | 3.80              | (2.81 - 5.13)                       | 4.09              | (3.14 - 5.30)                       |
| <b>New Mexico</b>       | 4.81                | (3.76 - 6.13)                         | 4.35              | (3.53 - 5.34)                       | 4.41              | (3.67 - 5.30)                       |
| Region 1                | 4.42                | (3.03 - 6.39)                         | 4.30              | (3.10 - 5.95)                       | 4.32              | (3.21 - 5.79)                       |
| Region 2                | 4.83                | (3.28 - 7.07)                         | 4.17              | (2.94 - 5.87)                       | 4.25              | (3.09 - 5.80)                       |
| Region 3 (Bernalillo)   | 5.18                | (3.65 - 7.29)                         | 4.35              | (3.26 - 5.80)                       | 4.47              | (3.44 - 5.79)                       |
| Region 4                | 4.82                | (3.30 - 6.98)                         | 4.83              | (3.46 - 6.70)                       | 4.83              | (3.59 - 6.46)                       |
| Region 5                | 4.63                | (3.36 - 6.34)                         | 4.22              | (3.22 - 5.52)                       | 4.29              | (3.36 - 5.45)                       |
| Region 5a               | 4.88                | (3.33 - 7.11)                         | 4.18              | (2.98 - 5.85)                       | 4.28              | (3.14 - 5.79)                       |
| Region 5b (Dona Ana)    | 4.46                | (2.99 - 6.58)                         | 4.26              | (3.03 - 5.94)                       | 4.29              | (3.18 - 5.78)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                             | 5.03                | (4.29 - 5.90)                         | 3.79              | (3.25 - 4.40)                       | 3.97              | (3.48 - 4.52)                       |
| Region 1: Long Island                       | 5.43                | (4.04 - 7.25)                         | 3.24              | (2.43 - 4.31)                       | 3.54              | (2.77 - 4.52)                       |
| Region 2: New York City                     | 4.22                | (3.43 - 5.18)                         | 3.78              | (3.14 - 4.54)                       | 3.84              | (3.26 - 4.53)                       |
| Region 2A (Bronx)                           | 3.67                | (2.58 - 5.20)                         | 3.79              | (2.78 - 5.14)                       | 3.77              | (2.85 - 4.96)                       |
| Region 2B (Kings)                           | 4.28                | (3.08 - 5.92)                         | 3.76              | (2.83 - 4.99)                       | 3.84              | (2.97 - 4.94)                       |
| Region 2C (New York)                        | 5.27                | (3.83 - 7.20)                         | 4.38              | (3.30 - 5.80)                       | 4.50              | (3.48 - 5.79)                       |
| Region 2D (Queens)                          | 3.59                | (2.49 - 5.15)                         | 3.30              | (2.45 - 4.43)                       | 3.34              | (2.54 - 4.37)                       |
| Region 2E (Richmond)                        | 4.98                | (3.47 - 7.09)                         | 3.98              | (2.88 - 5.48)                       | 4.12              | (3.07 - 5.50)                       |
| Region 3: Mid-Hudson                        | 5.70                | (4.16 - 7.77)                         | 3.47              | (2.59 - 4.62)                       | 3.79              | (2.95 - 4.85)                       |
| Region 4: Capital Region                    | 5.64                | (4.06 - 7.79)                         | 4.08              | (2.99 - 5.54)                       | 4.31              | (3.28 - 5.63)                       |
| Region 5: Mohawk Valley                     | *                   | (* - *)                               | 4.93              | (3.53 - 6.86)                       | 5.11              | (3.79 - 6.85)                       |
| Region 6: North Country                     | *                   | (* - *)                               | 4.18              | (3.00 - 5.80)                       | 4.34              | (3.22 - 5.82)                       |
| Region 7: Tug Hill Seaway                   | *                   | (* - *)                               | 4.78              | (3.49 - 6.51)                       | 4.95              | (3.76 - 6.48)                       |
| Region 8: Central                           | 5.36                | (3.82 - 7.47)                         | 4.18              | (3.16 - 5.52)                       | 4.37              | (3.41 - 5.59)                       |
| Region 9: Southern Tier                     | 6.00                | (4.23 - 8.45)                         | 4.61              | (3.35 - 6.32)                       | 4.87              | (3.69 - 6.41)                       |
| Region 10: Finger Lakes                     | 6.04                | (4.41 - 8.22)                         | 3.97              | (2.98 - 5.27)                       | 4.28              | (3.34 - 5.46)                       |
| Region 11: Western                          | 5.48                | (4.01 - 7.44)                         | 4.04              | (3.05 - 5.34)                       | 4.25              | (3.31 - 5.45)                       |
| <b>North Carolina</b>                       | 4.64                | (3.78 - 5.69)                         | 4.72              | (3.95 - 5.62)                       | 4.71              | (4.03 - 5.49)                       |
| Alliance Behavioral Healthcare 1            | 4.32                | (3.02 - 6.13)                         | 4.46              | (3.28 - 6.04)                       | 4.44              | (3.37 - 5.83)                       |
| Alliance Behavioral Healthcare 2            | 4.67                | (3.25 - 6.67)                         | 3.96              | (2.88 - 5.42)                       | 4.06              | (3.05 - 5.38)                       |
| Cardinal Innovations Healthcare Solutions 1 | 4.74                | (3.23 - 6.90)                         | 4.85              | (3.54 - 6.61)                       | 4.83              | (3.61 - 6.44)                       |
| Cardinal Innovations Healthcare Solutions 2 | 4.68                | (3.22 - 6.77)                         | 4.57              | (3.27 - 6.35)                       | 4.58              | (3.39 - 6.17)                       |
| Cardinal Innovations Healthcare Solutions 3 | 4.65                | (3.22 - 6.67)                         | 4.23              | (3.10 - 5.75)                       | 4.29              | (3.24 - 5.66)                       |
| CenterPoint Human Services                  | 4.55                | (3.09 - 6.65)                         | 4.77              | (3.44 - 6.58)                       | 4.74              | (3.52 - 6.36)                       |
| Eastpointe                                  | 3.68                | (2.56 - 5.26)                         | 4.72              | (3.41 - 6.50)                       | 4.58              | (3.40 - 6.15)                       |
| Partners Behavioral Health Management       | 4.95                | (3.46 - 7.02)                         | 5.40              | (3.96 - 7.32)                       | 5.34              | (4.02 - 7.07)                       |
| Sandhills Center 1                          | 4.42                | (3.03 - 6.39)                         | 5.06              | (3.64 - 7.01)                       | 4.98              | (3.67 - 6.73)                       |
| Sandhills Center 2                          | 4.26                | (2.89 - 6.25)                         | 4.28              | (3.07 - 5.95)                       | 4.28              | (3.16 - 5.77)                       |
| Smoky Mountain Center 1                     | 5.21                | (3.59 - 7.50)                         | 5.48              | (3.96 - 7.56)                       | 5.45              | (4.04 - 7.30)                       |
| Smoky Mountain Center 2                     | 5.18                | (3.53 - 7.52)                         | 4.99              | (3.62 - 6.85)                       | 5.01              | (3.72 - 6.71)                       |
| Trillium Health Resources 1                 | 4.54                | (3.13 - 6.55)                         | 4.83              | (3.48 - 6.67)                       | 4.78              | (3.56 - 6.40)                       |
| Trillium Health Resources 2                 | 5.40                | (3.74 - 7.75)                         | 4.89              | (3.51 - 6.77)                       | 4.98              | (3.71 - 6.64)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region         | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 5.78                | (4.68 - 7.12)                         | 3.49              | (2.81 - 4.33)                       | 3.90              | (3.28 - 4.64)                       |
| Badlands and West Central     | 5.57                | (4.09 - 7.55)                         | 3.09              | (2.32 - 4.09)                       | 3.45              | (2.71 - 4.39)                       |
| Badlands                      | *                   | (* - *)                               | 3.58              | (2.52 - 5.05)                       | 3.94              | (2.91 - 5.29)                       |
| West Central                  | 5.45                | (3.76 - 7.84)                         | 2.94              | (2.11 - 4.09)                       | 3.31              | (2.48 - 4.39)                       |
| Lake Region                   | *                   | (* - *)                               | 3.34              | (2.31 - 4.81)                       | 3.67              | (2.67 - 5.03)                       |
| North Central                 | 5.86                | (4.10 - 8.31)                         | 3.69              | (2.66 - 5.11)                       | 4.08              | (3.08 - 5.38)                       |
| Northeast                     | 6.19                | (4.39 - 8.68)                         | 4.01              | (2.87 - 5.59)                       | 4.55              | (3.47 - 5.95)                       |
| Northwest                     | *                   | (* - *)                               | 3.73              | (2.63 - 5.26)                       | 4.05              | (2.98 - 5.48)                       |
| South Central                 | *                   | (* - *)                               | 3.34              | (2.31 - 4.79)                       | 3.73              | (2.72 - 5.10)                       |
| Southeast                     | 5.60                | (4.09 - 7.62)                         | 3.61              | (2.67 - 4.87)                       | 4.02              | (3.15 - 5.12)                       |
| <b>Ohio</b>                   | 6.42                | (5.49 - 7.49)                         | 4.90              | (4.25 - 5.63)                       | 5.11              | (4.52 - 5.77)                       |
| Boards 2, 46, 55, and 68      | 6.49                | (4.55 - 9.18)                         | 5.00              | (3.65 - 6.81)                       | 5.20              | (3.93 - 6.85)                       |
| Boards 3, 52, and 85          | *                   | (* - *)                               | 4.59              | (3.31 - 6.33)                       | 4.84              | (3.61 - 6.46)                       |
| Boards 4 and 78               | 6.46                | (4.55 - 9.10)                         | 5.45              | (3.96 - 7.45)                       | 5.57              | (4.16 - 7.42)                       |
| Boards 5 and 60               | 7.21                | (5.29 - 9.76)                         | 5.94              | (4.41 - 7.97)                       | 6.16              | (4.76 - 7.94)                       |
| Boards 7, 15, 41, 79, and 84  | 7.11                | (4.98 - 10.05)                        | 5.75              | (4.22 - 7.79)                       | 5.91              | (4.47 - 7.79)                       |
| Boards 8, 13, and 83          | *                   | (* - *)                               | 4.56              | (3.37 - 6.15)                       | 4.80              | (3.66 - 6.27)                       |
| Board 9 (Butler)              | *                   | (* - *)                               | 4.77              | (3.51 - 6.47)                       | 5.09              | (3.86 - 6.67)                       |
| Board 12                      | 6.29                | (4.48 - 8.77)                         | 4.79              | (3.52 - 6.50)                       | 5.03              | (3.83 - 6.57)                       |
| Boards 18 and 47              | 6.16                | (4.56 - 8.28)                         | 4.55              | (3.46 - 5.97)                       | 4.77              | (3.74 - 6.06)                       |
| Boards 20, 32, 54, and 69     | 6.85                | (4.82 - 9.64)                         | 5.15              | (3.82 - 6.92)                       | 5.38              | (4.10 - 7.02)                       |
| Boards 21, 39, 51, 70, and 80 | 6.90                | (4.93 - 9.58)                         | 4.89              | (3.63 - 6.57)                       | 5.15              | (3.94 - 6.70)                       |
| Boards 22, 74, and 87         | 6.26                | (4.44 - 8.75)                         | 4.97              | (3.67 - 6.72)                       | 5.17              | (3.93 - 6.76)                       |
| Boards 23 and 45              | 6.36                | (4.47 - 8.98)                         | 5.23              | (3.94 - 6.91)                       | 5.39              | (4.18 - 6.93)                       |
| Board 25 (Franklin)           | 6.27                | (4.63 - 8.44)                         | 4.35              | (3.29 - 5.73)                       | 4.64              | (3.65 - 5.89)                       |
| Boards 27, 71, and 73         | 6.32                | (4.41 - 8.97)                         | 6.46              | (4.77 - 8.68)                       | 6.44              | (4.87 - 8.46)                       |
| Boards 28, 43, and 67         | 6.62                | (4.76 - 9.14)                         | 4.46              | (3.26 - 6.06)                       | 4.76              | (3.62 - 6.24)                       |
| Board 31 (Hamilton)           | 5.88                | (4.21 - 8.14)                         | 4.65              | (3.48 - 6.19)                       | 4.83              | (3.72 - 6.23)                       |
| Board 48 (Lucas)              | 5.81                | (4.09 - 8.19)                         | 5.20              | (3.82 - 7.04)                       | 5.29              | (4.00 - 6.98)                       |
| Boards 50 and 76              | 6.63                | (4.76 - 9.17)                         | 4.81              | (3.61 - 6.40)                       | 5.05              | (3.90 - 6.51)                       |
| Board 57 (Montgomery)         | 6.69                | (4.76 - 9.35)                         | 4.97              | (3.64 - 6.75)                       | 5.21              | (3.95 - 6.84)                       |
| Board 77 (Summit)             | 6.26                | (4.49 - 8.67)                         | 4.62              | (3.41 - 6.23)                       | 4.83              | (3.68 - 6.32)                       |

See notes at end of table.

(continued)



**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                 | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 5.16                | (4.08 - 6.49)                         | 4.23              | (3.47 - 5.16)                       | 4.37              | (3.68 - 5.19)                       |
| Central                               | 5.86                | (4.06 - 8.40)                         | 4.28              | (3.12 - 5.85)                       | 4.54              | (3.45 - 5.94)                       |
| East Central                          | 5.17                | (3.53 - 7.51)                         | 4.47              | (3.19 - 6.22)                       | 4.57              | (3.38 - 6.14)                       |
| Northeast                             | 4.82                | (3.27 - 7.04)                         | 4.09              | (2.96 - 5.64)                       | 4.21              | (3.15 - 5.62)                       |
| Northwest and Southwest               | 5.30                | (3.62 - 7.71)                         | 4.46              | (3.25 - 6.09)                       | 4.59              | (3.46 - 6.07)                       |
| Oklahoma County                       | 5.03                | (3.48 - 7.22)                         | 4.18              | (3.04 - 5.70)                       | 4.30              | (3.24 - 5.68)                       |
| Southeast                             | 4.75                | (3.20 - 6.99)                         | 4.56              | (3.33 - 6.23)                       | 4.59              | (3.45 - 6.09)                       |
| Tulsa County                          | 5.18                | (3.60 - 7.40)                         | 3.72              | (2.69 - 5.13)                       | 3.93              | (2.95 - 5.22)                       |
| <b>Oregon</b>                         | 7.51                | (6.06 - 9.28)                         | 4.73              | (3.87 - 5.78)                       | 5.10              | (4.30 - 6.05)                       |
| Region 1 (Multnomah)                  | 7.61                | (5.45 - 10.53)                        | 5.27              | (3.93 - 7.02)                       | 5.56              | (4.29 - 7.17)                       |
| Region 2                              | 7.09                | (5.15 - 9.68)                         | 4.08              | (3.01 - 5.50)                       | 4.46              | (3.43 - 5.78)                       |
| Region 3                              | 7.93                | (5.86 - 10.64)                        | 5.20              | (3.92 - 6.87)                       | 5.62              | (4.41 - 7.13)                       |
| Region 4                              | 7.90                | (5.65 - 10.94)                        | 4.28              | (3.07 - 5.94)                       | 4.70              | (3.52 - 6.24)                       |
| Region 5 (Central)                    | *                   | (* - *)                               | 4.45              | (3.14 - 6.27)                       | 4.73              | (3.46 - 6.43)                       |
| Region 6 (Eastern)                    | *                   | (* - *)                               | 4.44              | (3.17 - 6.19)                       | 4.66              | (3.45 - 6.28)                       |
| <b>Pennsylvania</b>                   | 5.56                | (4.73 - 6.53)                         | 3.84              | (3.28 - 4.49)                       | 4.08              | (3.56 - 4.66)                       |
| Region 1 (Allegheny)                  | 7.25                | (5.21 - 9.99)                         | 4.21              | (3.14 - 5.62)                       | 4.59              | (3.55 - 5.92)                       |
| Regions 3, 8, 9, and 51               | 6.37                | (4.52 - 8.90)                         | 4.22              | (3.10 - 5.73)                       | 4.51              | (3.43 - 5.92)                       |
| Regions 4, 11, 37, and 49             | 5.42                | (3.82 - 7.63)                         | 4.07              | (3.00 - 5.50)                       | 4.25              | (3.24 - 5.57)                       |
| Regions 5, 18, 23, 24, and 46         | 6.51                | (4.68 - 9.00)                         | 4.19              | (3.09 - 5.64)                       | 4.48              | (3.43 - 5.85)                       |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 6.12                | (4.43 - 8.39)                         | 4.03              | (2.96 - 5.47)                       | 4.41              | (3.39 - 5.73)                       |
| Regions 7, 13, 20, and 33             | 5.07                | (3.77 - 6.78)                         | 2.97              | (2.23 - 3.95)                       | 3.24              | (2.53 - 4.15)                       |
| Regions 10, 15, 27, 32, 43, and 44    | 5.52                | (3.90 - 7.75)                         | 4.00              | (2.91 - 5.48)                       | 4.18              | (3.14 - 5.56)                       |
| Regions 17 and 21                     | 5.49                | (3.89 - 7.69)                         | 4.18              | (3.07 - 5.66)                       | 4.37              | (3.33 - 5.72)                       |
| Regions 19, 26, 28, and 42            | 5.81                | (4.22 - 7.94)                         | 4.46              | (3.36 - 5.89)                       | 4.63              | (3.60 - 5.94)                       |
| Regions 22, 38, 40, 41, and 48        | 5.42                | (3.89 - 7.50)                         | 3.62              | (2.62 - 4.98)                       | 3.82              | (2.86 - 5.09)                       |
| Regions 29 and 34                     | 5.07                | (3.52 - 7.25)                         | 3.42              | (2.44 - 4.77)                       | 3.64              | (2.70 - 4.90)                       |
| Regions 30 and 50                     | 5.23                | (3.68 - 7.39)                         | 3.88              | (2.78 - 5.38)                       | 4.05              | (3.01 - 5.42)                       |
| Region 36 (Philadelphia)              | 4.43                | (3.27 - 5.99)                         | 3.96              | (2.96 - 5.26)                       | 4.04              | (3.13 - 5.19)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                     | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 5.54                | (4.39 - 6.97)                         | 4.31              | (3.48 - 5.33)                       | 4.50              | (3.75 - 5.40)                       |
| Region 1: Southern Providence<br>County                   | 5.47                | (3.76 - 7.89)                         | 4.27              | (3.09 - 5.87)                       | 4.43              | (3.32 - 5.88)                       |
| Region 2: Northern Providence<br>County/Blackstone Valley | 4.93                | (3.44 - 7.01)                         | 4.52              | (3.25 - 6.24)                       | 4.57              | (3.39 - 6.13)                       |
| Region 3: Providence                                      | 5.73                | (3.98 - 8.19)                         | 5.28              | (3.76 - 7.36)                       | 5.40              | (4.05 - 7.16)                       |
| Region 4: Kent County                                     | 5.68                | (3.94 - 8.13)                         | 3.87              | (2.80 - 5.34)                       | 4.08              | (3.05 - 5.45)                       |
| Region 5: East Bay                                        | 5.78                | (3.99 - 8.30)                         | 4.37              | (3.11 - 6.10)                       | 4.56              | (3.38 - 6.14)                       |
| Region 6: Newport County                                  | *                   | (* - *)                               | 3.99              | (2.81 - 5.64)                       | 4.25              | (3.11 - 5.78)                       |
| Region 7: South County                                    | 5.52                | (3.74 - 8.07)                         | 3.61              | (2.56 - 5.07)                       | 3.94              | (2.92 - 5.28)                       |
| <b>South Carolina</b>                                     | 4.75                | (3.73 - 6.03)                         | 3.88              | (3.13 - 4.79)                       | 4.00              | (3.31 - 4.82)                       |
| Region 1                                                  | 5.35                | (3.81 - 7.47)                         | 4.31              | (3.17 - 5.82)                       | 4.45              | (3.40 - 5.82)                       |
| Region 2                                                  | 4.76                | (3.34 - 6.73)                         | 3.87              | (2.86 - 5.23)                       | 4.00              | (3.05 - 5.23)                       |
| Region 3                                                  | 4.10                | (2.83 - 5.91)                         | 3.71              | (2.70 - 5.09)                       | 3.76              | (2.82 - 5.01)                       |
| Region 4                                                  | 4.43                | (3.13 - 6.22)                         | 3.49              | (2.57 - 4.71)                       | 3.62              | (2.77 - 4.71)                       |
| <b>South Dakota</b>                                       | 5.09                | (4.05 - 6.37)                         | 3.89              | (3.12 - 4.84)                       | 4.07              | (3.38 - 4.90)                       |
| Region 1                                                  | 4.82                | (3.39 - 6.81)                         | 3.78              | (2.76 - 5.16)                       | 3.93              | (2.97 - 5.17)                       |
| Region 2                                                  | 4.74                | (3.20 - 6.99)                         | 3.83              | (2.67 - 5.46)                       | 3.95              | (2.87 - 5.41)                       |
| Region 3                                                  | 5.40                | (3.82 - 7.59)                         | 3.79              | (2.77 - 5.17)                       | 4.06              | (3.10 - 5.30)                       |
| Region 4                                                  | 4.90                | (3.37 - 7.06)                         | 4.07              | (2.91 - 5.68)                       | 4.21              | (3.13 - 5.63)                       |
| Region 5                                                  | 5.22                | (3.73 - 7.26)                         | 4.01              | (2.94 - 5.43)                       | 4.17              | (3.18 - 5.46)                       |
| <b>Tennessee</b>                                          | 5.44                | (4.35 - 6.79)                         | 4.71              | (3.89 - 5.69)                       | 4.81              | (4.07 - 5.68)                       |
| Region 1                                                  | 5.63                | (3.87 - 8.13)                         | 5.19              | (3.70 - 7.24)                       | 5.25              | (3.85 - 7.12)                       |
| Region 2                                                  | 6.15                | (4.32 - 8.70)                         | 5.34              | (3.95 - 7.20)                       | 5.45              | (4.15 - 7.13)                       |
| Region 3                                                  | 5.61                | (3.95 - 7.93)                         | 4.87              | (3.58 - 6.58)                       | 4.97              | (3.77 - 6.52)                       |
| Region 4 (Davidson)                                       | 5.28                | (3.63 - 7.63)                         | 4.54              | (3.23 - 6.33)                       | 4.65              | (3.44 - 6.26)                       |
| Region 5                                                  | 5.60                | (3.93 - 7.92)                         | 4.56              | (3.40 - 6.07)                       | 4.70              | (3.62 - 6.09)                       |
| Region 6                                                  | 5.23                | (3.63 - 7.47)                         | 4.85              | (3.55 - 6.58)                       | 4.90              | (3.70 - 6.46)                       |
| Region 7 (Shelby)                                         | 4.41                | (3.04 - 6.36)                         | 3.67              | (2.62 - 5.11)                       | 3.78              | (2.82 - 5.07)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                    | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                             | 4.46                | (3.76 - 5.28)                         | 3.11              | (2.66 - 3.63)                       | 3.32              | (2.91 - 3.78)                       |
| Region 1                                                 | 4.65                | (3.24 - 6.62)                         | 3.41              | (2.50 - 4.63)                       | 3.62              | (2.75 - 4.75)                       |
| Region 2                                                 | 4.78                | (3.34 - 6.78)                         | 3.77              | (2.74 - 5.17)                       | 3.93              | (2.95 - 5.21)                       |
| Region 3                                                 | 4.15                | (3.24 - 5.32)                         | 2.95              | (2.37 - 3.66)                       | 3.12              | (2.58 - 3.77)                       |
| Region 3a                                                | 3.96                | (2.91 - 5.38)                         | 2.92              | (2.25 - 3.78)                       | 3.07              | (2.45 - 3.85)                       |
| Region 3bc                                               | 4.49                | (3.23 - 6.21)                         | 2.99              | (2.25 - 3.97)                       | 3.21              | (2.51 - 4.10)                       |
| Region 4                                                 | 5.00                | (3.55 - 7.00)                         | 3.87              | (2.84 - 5.25)                       | 4.03              | (3.06 - 5.28)                       |
| Region 5                                                 | 4.66                | (3.26 - 6.64)                         | 3.62              | (2.61 - 5.01)                       | 3.77              | (2.82 - 5.03)                       |
| Region 6                                                 | 4.91                | (3.76 - 6.40)                         | 3.17              | (2.51 - 3.99)                       | 3.43              | (2.80 - 4.20)                       |
| Region 6a                                                | 4.96                | (3.72 - 6.57)                         | 3.18              | (2.47 - 4.07)                       | 3.45              | (2.78 - 4.28)                       |
| Region 6bc                                               | 4.48                | (3.09 - 6.45)                         | 3.08              | (2.22 - 4.25)                       | 3.27              | (2.44 - 4.37)                       |
| Region 7                                                 | 4.98                | (3.82 - 6.48)                         | 3.19              | (2.51 - 4.04)                       | 3.50              | (2.85 - 4.28)                       |
| Region 7a                                                | 5.11                | (3.65 - 7.10)                         | 2.94              | (2.18 - 3.96)                       | 3.27              | (2.53 - 4.22)                       |
| Region 7bcd                                              | 4.82                | (3.44 - 6.72)                         | 3.65              | (2.68 - 4.94)                       | 3.89              | (2.99 - 5.03)                       |
| Region 8                                                 | 3.98                | (2.87 - 5.49)                         | 2.79              | (2.10 - 3.70)                       | 2.98              | (2.32 - 3.81)                       |
| Region 9                                                 | 4.43                | (3.05 - 6.41)                         | 3.21              | (2.32 - 4.44)                       | 3.41              | (2.55 - 4.55)                       |
| Region 10                                                | 3.81                | (2.62 - 5.50)                         | 2.86              | (2.03 - 4.02)                       | 3.03              | (2.25 - 4.07)                       |
| Region 11                                                | 3.70                | (2.76 - 4.93)                         | 2.92              | (2.21 - 3.86)                       | 3.06              | (2.40 - 3.89)                       |
| Region 11abd                                             | 3.74                | (2.62 - 5.31)                         | 2.92              | (2.09 - 4.06)                       | 3.06              | (2.28 - 4.08)                       |
| Region 11c (Hidalgo)                                     | 3.63                | (2.49 - 5.26)                         | 2.93              | (2.08 - 4.11)                       | 3.06              | (2.27 - 4.10)                       |
| <b>Utah</b>                                              | 6.62                | (5.33 - 8.20)                         | 4.64              | (3.84 - 5.59)                       | 5.00              | (4.26 - 5.86)                       |
| Bear River, Northeastern,<br>Summit, Tooele, and Wasatch | 6.37                | (4.42 - 9.09)                         | 4.93              | (3.54 - 6.84)                       | 5.21              | (3.90 - 6.93)                       |
| Central, Four Corners, San Juan,<br>and Southwest        | 5.91                | (4.33 - 8.01)                         | 4.74              | (3.64 - 6.16)                       | 4.95              | (3.92 - 6.24)                       |
| Central, Four Corners, and<br>San Juan                   | *                   | (* - *)                               | 4.89              | (3.50 - 6.80)                       | 5.06              | (3.76 - 6.78)                       |
| Southwest                                                | 5.92                | (4.02 - 8.63)                         | 4.65              | (3.36 - 6.41)                       | 4.88              | (3.65 - 6.49)                       |
| Davis County                                             | 5.94                | (4.06 - 8.61)                         | 4.26              | (3.09 - 5.86)                       | 4.55              | (3.42 - 6.03)                       |
| Salt Lake County                                         | 6.56                | (4.85 - 8.83)                         | 4.49              | (3.46 - 5.79)                       | 4.82              | (3.87 - 6.00)                       |
| Utah County                                              | 7.51                | (5.28 - 10.58)                        | 5.01              | (3.69 - 6.77)                       | 5.64              | (4.35 - 7.29)                       |
| Weber, Morgan                                            | 6.33                | (4.41 - 9.02)                         | 4.52              | (3.28 - 6.19)                       | 4.82              | (3.64 - 6.36)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                 | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 5.39                | (4.15 - 6.97)                         | 5.22              | (4.24 - 6.41)                       | 5.25              | (4.37 - 6.29)                       |
| Champlain Valley                      | 4.92                | (3.47 - 6.93)                         | 4.40              | (3.30 - 5.85)                       | 4.49              | (3.48 - 5.77)                       |
| Rural Northeast                       | 5.85                | (3.96 - 8.56)                         | 6.34              | (4.63 - 8.61)                       | 6.27              | (4.70 - 8.31)                       |
| Rural Southeast                       | 5.86                | (4.00 - 8.50)                         | 5.51              | (4.06 - 7.43)                       | 5.55              | (4.20 - 7.29)                       |
| Rural Southwest                       | 5.69                | (3.87 - 8.31)                         | 5.18              | (3.74 - 7.15)                       | 5.25              | (3.92 - 7.02)                       |
| <b>Virginia</b>                       | 5.46                | (4.52 - 6.59)                         | 4.25              | (3.55 - 5.08)                       | 4.42              | (3.79 - 5.16)                       |
| Region 1                              | 5.80                | (4.18 - 8.01)                         | 4.19              | (3.10 - 5.64)                       | 4.44              | (3.42 - 5.75)                       |
| Region 2                              | 5.67                | (4.18 - 7.65)                         | 3.65              | (2.74 - 4.86)                       | 3.89              | (3.02 - 5.00)                       |
| Region 3                              | 6.25                | (4.57 - 8.49)                         | 5.85              | (4.44 - 7.68)                       | 5.91              | (4.62 - 7.53)                       |
| Region 4                              | 4.94                | (3.54 - 6.84)                         | 3.87              | (2.87 - 5.19)                       | 4.02              | (3.10 - 5.20)                       |
| Region 5                              | 4.84                | (3.49 - 6.68)                         | 4.15              | (3.12 - 5.48)                       | 4.25              | (3.31 - 5.46)                       |
| <b>Washington</b>                     | 5.71                | (4.60 - 7.08)                         | 4.64              | (3.80 - 5.66)                       | 4.79              | (4.02 - 5.69)                       |
| Region 1                              | 5.66                | (4.24 - 7.51)                         | 4.97              | (3.80 - 6.47)                       | 5.08              | (4.01 - 6.40)                       |
| Greater Columbia and North<br>Central | 5.19                | (3.63 - 7.37)                         | 4.81              | (3.44 - 6.70)                       | 4.88              | (3.63 - 6.52)                       |
| Spokane                               | 6.47                | (4.54 - 9.14)                         | 5.18              | (3.74 - 7.13)                       | 5.36              | (4.01 - 7.13)                       |
| Region 2                              | 5.59                | (4.24 - 7.33)                         | 4.38              | (3.43 - 5.57)                       | 4.53              | (3.66 - 5.61)                       |
| King                                  | 5.47                | (3.89 - 7.65)                         | 4.23              | (3.17 - 5.62)                       | 4.38              | (3.39 - 5.66)                       |
| North Sound                           | 5.78                | (4.03 - 8.22)                         | 4.65              | (3.41 - 6.31)                       | 4.80              | (3.64 - 6.30)                       |
| Region 3                              | 5.93                | (4.60 - 7.62)                         | 4.81              | (3.82 - 6.05)                       | 4.96              | (4.06 - 6.07)                       |
| Pierce                                | 5.84                | (4.10 - 8.26)                         | 4.75              | (3.48 - 6.45)                       | 4.91              | (3.74 - 6.43)                       |
| Salish                                | *                   | (* - *)                               | 4.66              | (3.27 - 6.61)                       | 4.87              | (3.55 - 6.66)                       |
| SW WA and Great Rivers                | 5.91                | (4.07 - 8.50)                         | 5.02              | (3.61 - 6.95)                       | 5.13              | (3.80 - 6.90)                       |
| Thurston-Mason                        | *                   | (* - *)                               | *                 | (* - *)                             | 4.84              | (3.56 - 6.55)                       |

See notes at end of table.

(continued)

**Table 10 Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 5.48                | (4.39 - 6.81)                         | 5.38              | (4.43 - 6.53)                       | 5.40              | (4.53 - 6.42)                       |
| Region I                      | *                   | (* - *)                               | 5.01              | (3.57 - 6.98)                       | 5.08              | (3.73 - 6.88)                       |
| Region II                     | 5.25                | (3.61 - 7.57)                         | 4.72              | (3.44 - 6.44)                       | 4.78              | (3.59 - 6.35)                       |
| Region III                    | 6.07                | (4.20 - 8.69)                         | 6.10              | (4.41 - 8.38)                       | 6.10              | (4.53 - 8.17)                       |
| Region IV                     | 5.74                | (4.13 - 7.95)                         | 5.39              | (3.98 - 7.25)                       | 5.45              | (4.17 - 7.10)                       |
| Region V                      | 5.05                | (3.58 - 7.08)                         | 5.33              | (3.90 - 7.25)                       | 5.30              | (3.98 - 7.03)                       |
| Region VI                     | 5.53                | (3.94 - 7.72)                         | 5.76              | (4.28 - 7.70)                       | 5.73              | (4.36 - 7.50)                       |
| <b>Wisconsin</b>              | 5.78                | (4.65 - 7.17)                         | 3.83              | (3.09 - 4.73)                       | 4.11              | (3.44 - 4.90)                       |
| Milwaukee                     | 5.34                | (3.73 - 7.59)                         | 4.10              | (3.01 - 5.57)                       | 4.31              | (3.28 - 5.64)                       |
| Northeastern                  | 5.84                | (4.14 - 8.19)                         | 3.65              | (2.64 - 5.01)                       | 3.93              | (2.97 - 5.18)                       |
| Northern                      | 5.51                | (3.78 - 7.96)                         | 3.81              | (2.69 - 5.36)                       | 4.02              | (2.95 - 5.45)                       |
| Southeastern                  | 5.89                | (4.11 - 8.39)                         | 3.57              | (2.57 - 4.95)                       | 3.88              | (2.92 - 5.14)                       |
| Southern                      | 5.89                | (4.23 - 8.16)                         | 4.00              | (2.91 - 5.49)                       | 4.27              | (3.24 - 5.62)                       |
| Western                       | 6.13                | (4.28 - 8.70)                         | 3.97              | (2.83 - 5.55)                       | 4.30              | (3.21 - 5.74)                       |
| <b>Wyoming</b>                | 6.15                | (4.97 - 7.58)                         | 4.24              | (3.51 - 5.12)                       | 4.52              | (3.84 - 5.31)                       |
| Judicial District 1 (Laramie) | 6.04                | (4.23 - 8.56)                         | 4.30              | (3.18 - 5.80)                       | 4.53              | (3.46 - 5.91)                       |
| Judicial District 2           | 7.31                | (5.26 - 10.08)                        | 4.91              | (3.59 - 6.69)                       | 5.56              | (4.32 - 7.12)                       |
| Judicial District 3           | 6.36                | (4.35 - 9.21)                         | 5.08              | (3.71 - 6.93)                       | 5.26              | (3.96 - 6.96)                       |
| Judicial District 4           | *                   | (* - *)                               | 3.87              | (2.76 - 5.40)                       | 4.11              | (3.04 - 5.54)                       |
| Judicial District 5           | 5.89                | (4.03 - 8.53)                         | 3.65              | (2.60 - 5.09)                       | 3.92              | (2.90 - 5.28)                       |
| Judicial District 6           | 5.38                | (3.72 - 7.71)                         | 3.81              | (2.72 - 5.30)                       | 4.02              | (2.99 - 5.40)                       |
| Judicial District 7 (Natrona) | 5.81                | (4.01 - 8.35)                         | 4.09              | (2.97 - 5.61)                       | 4.32              | (3.25 - 5.71)                       |
| Judicial District 8           | 6.17                | (4.22 - 8.93)                         | 4.17              | (2.93 - 5.89)                       | 4.42              | (3.23 - 6.02)                       |
| Judicial District 9           | 5.40                | (3.68 - 7.87)                         | 4.04              | (2.91 - 5.57)                       | 4.20              | (3.12 - 5.63)                       |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: Serious mental illness (SMI) is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, assessed by the Mental Health Surveillance Study (MHSS) *Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders—Fourth Edition—Research Version—Axis I Disorders* (MHSS-SCID), which is based on the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV). SMI includes individuals with diagnoses resulting in serious functional impairment. For details, see Section B of the "2015-2016 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 11** *Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs*

| State/Substate Region      | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 21.28               | (20.83 - 21.74)                       | 17.56             | (17.23 - 17.88)                     | 18.09             | (17.80 - 18.38)                     |
| <b>Northeast</b>           | 22.25               | (21.34 - 23.18)                       | 17.15             | (16.48 - 17.83)                     | 17.86             | (17.27 - 18.47)                     |
| <b>Midwest</b>             | 21.76               | (20.98 - 22.56)                       | 17.61             | (17.03 - 18.20)                     | 18.21             | (17.70 - 18.73)                     |
| <b>South</b>               | 19.83               | (19.17 - 20.50)                       | 17.47             | (16.97 - 17.99)                     | 17.81             | (17.37 - 18.26)                     |
| <b>West</b>                | 22.41               | (21.46 - 23.40)                       | 17.96             | (17.32 - 18.61)                     | 18.61             | (18.05 - 19.18)                     |
| <b>Alabama</b>             | 19.56               | (17.33 - 22.01)                       | 18.52             | (16.66 - 20.55)                     | 18.67             | (17.00 - 20.47)                     |
| Region 1                   | 20.93               | (17.39 - 24.97)                       | 18.33             | (15.56 - 21.47)                     | 18.67             | (16.14 - 21.50)                     |
| Region 2                   | 20.27               | (16.96 - 24.04)                       | 19.13             | (16.26 - 22.38)                     | 19.30             | (16.71 - 22.18)                     |
| Region 3                   | 17.17               | (13.96 - 20.95)                       | 17.82             | (14.90 - 21.17)                     | 17.70             | (15.08 - 20.67)                     |
| Region 4                   | 19.24               | (15.78 - 23.26)                       | 18.45             | (15.40 - 21.94)                     | 18.55             | (15.79 - 21.68)                     |
| <b>Alaska</b>              | 25.58               | (22.91 - 28.44)                       | 18.37             | (16.55 - 20.34)                     | 19.50             | (17.83 - 21.28)                     |
| Anchorage                  | 26.81               | (23.14 - 30.82)                       | 19.72             | (17.12 - 22.61)                     | 20.85             | (18.48 - 23.43)                     |
| Northern                   | 23.77               | (19.79 - 28.27)                       | 18.13             | (15.12 - 21.58)                     | 19.15             | (16.42 - 22.22)                     |
| South Central              | 24.49               | (20.20 - 29.34)                       | 16.47             | (13.87 - 19.45)                     | 17.61             | (15.15 - 20.37)                     |
| Southeast                  | 28.07               | (23.02 - 33.74)                       | 18.42             | (14.93 - 22.51)                     | 19.65             | (16.34 - 23.45)                     |
| <b>Arizona</b>             | 20.03               | (17.56 - 22.75)                       | 17.65             | (15.81 - 19.66)                     | 18.00             | (16.31 - 19.81)                     |
| Central                    | 19.79               | (16.81 - 23.17)                       | 17.11             | (14.86 - 19.62)                     | 17.50             | (15.45 - 19.76)                     |
| North                      | 21.52               | (17.38 - 26.34)                       | 17.14             | (13.87 - 20.99)                     | 17.74             | (14.69 - 21.27)                     |
| South                      | 19.92               | (16.66 - 23.64)                       | 19.02             | (16.36 - 22.00)                     | 19.15             | (16.72 - 21.84)                     |
| South A                    | 21.08               | (17.02 - 25.80)                       | 19.07             | (15.74 - 22.91)                     | 19.36             | (16.31 - 22.83)                     |
| South B                    | 18.52               | (14.71 - 23.06)                       | 18.97             | (15.51 - 22.98)                     | 18.90             | (15.76 - 22.50)                     |
| <b>Arkansas</b>            | 22.31               | (19.88 - 24.94)                       | 20.14             | (18.21 - 22.22)                     | 20.45             | (18.70 - 22.32)                     |
| Catchment Area 1           | 22.49               | (18.40 - 27.18)                       | 19.72             | (16.38 - 23.56)                     | 20.16             | (17.12 - 23.60)                     |
| Catchment Area 2           | 24.75               | (20.38 - 29.70)                       | 21.76             | (17.94 - 26.13)                     | 22.13             | (18.58 - 26.14)                     |
| Catchment Area 3           | 21.17               | (17.29 - 25.64)                       | 20.61             | (17.38 - 24.26)                     | 20.69             | (17.76 - 23.96)                     |
| Catchment Area 4           | 23.34               | (19.02 - 28.29)                       | 20.44             | (16.85 - 24.55)                     | 20.83             | (17.55 - 24.55)                     |
| Catchment Area 5           | 23.76               | (19.65 - 28.44)                       | 20.44             | (16.97 - 24.41)                     | 20.98             | (17.82 - 24.53)                     |
| Catchment Area 6           | 17.51               | (14.01 - 21.66)                       | 17.74             | (14.40 - 21.65)                     | 17.71             | (14.66 - 21.22)                     |
| Catchment Area 7           | *                   | (* - *)                               | 19.26             | (15.66 - 23.46)                     | 19.38             | (16.06 - 23.19)                     |
| Catchment Area 8           | 22.49               | (18.31 - 27.31)                       | 20.00             | (16.73 - 23.72)                     | 20.33             | (17.29 - 23.74)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|-----------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| <b>California</b>           | 21.24               | (19.80 - 22.76)                    | 16.67             | (15.76 - 17.62)                  | 17.36             | (16.55 - 18.19)                  |
| Region 1R                   | 25.14               | (20.93 - 29.88)                    | 19.02             | (15.98 - 22.49)                  | 19.90             | (17.09 - 23.04)                  |
| Region 2R                   | 24.55               | (20.36 - 29.29)                    | 17.67             | (14.83 - 20.92)                  | 18.71             | (16.04 - 21.70)                  |
| Region 3R (Sacramento)      | 21.70               | (18.05 - 25.84)                    | 17.37             | (14.76 - 20.33)                  | 18.00             | (15.58 - 20.71)                  |
| Region 4R                   | 21.30               | (17.38 - 25.84)                    | 15.01             | (12.53 - 17.88)                  | 15.82             | (13.45 - 18.51)                  |
| Region 5R (San Francisco)   | 22.63               | (18.60 - 27.24)                    | 18.81             | (15.64 - 22.45)                  | 19.19             | (16.19 - 22.60)                  |
| Region 6 (Santa Clara)      | 21.97               | (18.31 - 26.13)                    | 14.72             | (12.51 - 17.25)                  | 15.66             | (13.58 - 17.99)                  |
| Region 7R (Contra Costa)    | 24.77               | (20.79 - 29.23)                    | 17.15             | (14.41 - 20.28)                  | 18.15             | (15.59 - 21.03)                  |
| Region 8R (Alameda)         | 25.77               | (21.47 - 30.59)                    | 17.86             | (15.06 - 21.05)                  | 18.91             | (16.28 - 21.86)                  |
| Region 9R (San Mateo)       | 21.26               | (17.37 - 25.76)                    | 15.12             | (12.44 - 18.27)                  | 15.81             | (13.26 - 18.75)                  |
| Region 10                   | 21.18               | (17.47 - 25.45)                    | 16.39             | (13.56 - 19.67)                  | 17.18             | (14.56 - 20.16)                  |
| Region 11 (Los Angeles)     | 20.36               | (18.55 - 22.29)                    | 16.51             | (15.22 - 17.90)                  | 17.09             | (15.92 - 18.33)                  |
| LA SPA 1 and 5              | 24.12               | (20.16 - 28.59)                    | 18.41             | (15.17 - 22.15)                  | 19.27             | (16.28 - 22.65)                  |
| LA SPA 2                    | 22.17               | (18.57 - 26.23)                    | 17.45             | (14.78 - 20.49)                  | 18.11             | (15.64 - 20.87)                  |
| LA SPA 3                    | 20.01               | (16.63 - 23.87)                    | 13.89             | (11.52 - 16.66)                  | 14.79             | (12.59 - 17.30)                  |
| LA SPA 4                    | 21.04               | (17.12 - 25.57)                    | 19.16             | (15.98 - 22.81)                  | 19.41             | (16.47 - 22.74)                  |
| LA SPA 6                    | 16.91               | (13.77 - 20.58)                    | 15.37             | (12.83 - 18.30)                  | 15.66             | (13.39 - 18.24)                  |
| LA SPA 7                    | 18.02               | (14.73 - 21.85)                    | 14.52             | (12.04 - 17.41)                  | 15.10             | (12.82 - 17.70)                  |
| LA SPA 8                    | 20.08               | (16.59 - 24.11)                    | 16.99             | (14.30 - 20.07)                  | 17.43             | (14.95 - 20.22)                  |
| Region 12R                  | 22.52               | (18.59 - 27.01)                    | 17.00             | (14.15 - 20.28)                  | 17.85             | (15.23 - 20.82)                  |
| Regions 13 and 19R          | 20.93               | (17.86 - 24.36)                    | 16.48             | (14.15 - 19.10)                  | 17.21             | (15.11 - 19.54)                  |
| Region 14 (Orange)          | 21.74               | (18.29 - 25.64)                    | 15.36             | (13.06 - 17.97)                  | 16.28             | (14.14 - 18.68)                  |
| Region 15R (Fresno)         | 19.80               | (16.21 - 23.95)                    | 17.56             | (14.67 - 20.88)                  | 17.95             | (15.33 - 20.90)                  |
| Region 16R (San Diego)      | 21.23               | (18.04 - 24.81)                    | 17.41             | (15.13 - 19.94)                  | 18.00             | (15.94 - 20.27)                  |
| Region 17R                  | 19.06               | (15.93 - 22.63)                    | 17.38             | (14.81 - 20.30)                  | 17.67             | (15.37 - 20.24)                  |
| Region 18R (San Bernardino) | 18.31               | (15.28 - 21.78)                    | 16.66             | (14.23 - 19.42)                  | 16.94             | (14.77 - 19.36)                  |
| Region 20R                  | 20.29               | (16.64 - 24.50)                    | 18.40             | (15.42 - 21.80)                  | 18.72             | (16.00 - 21.77)                  |
| Region 21R                  | 21.66               | (17.80 - 26.08)                    | 15.55             | (12.95 - 18.57)                  | 16.57             | (14.10 - 19.37)                  |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 25.10               | (22.44 - 27.96)                       | 19.33             | (17.39 - 21.43)                     | 20.16             | (18.38 - 22.07)                     |
| Region 1                                  | 25.77               | (21.37 - 30.72)                       | 19.28             | (16.21 - 22.78)                     | 20.22             | (17.37 - 23.41)                     |
| Region 2                                  | 24.32               | (19.83 - 29.45)                       | 20.82             | (17.03 - 25.20)                     | 21.36             | (17.88 - 25.32)                     |
| Region 3                                  | 25.83               | (21.80 - 30.32)                       | 19.47             | (16.45 - 22.90)                     | 20.35             | (17.59 - 23.43)                     |
| Region 4                                  | 23.17               | (18.67 - 28.38)                       | 19.10             | (15.33 - 23.54)                     | 19.66             | (16.19 - 23.66)                     |
| Region 5                                  | 22.98               | (18.71 - 27.88)                       | 20.13             | (16.50 - 24.32)                     | 20.51             | (17.16 - 24.33)                     |
| Region 6                                  | 26.66               | (22.10 - 31.77)                       | 18.43             | (15.41 - 21.90)                     | 19.60             | (16.76 - 22.78)                     |
| Region 7                                  | 24.35               | (19.97 - 29.35)                       | 18.74             | (15.46 - 22.53)                     | 19.65             | (16.61 - 23.08)                     |
| <b>Connecticut</b>                        | 22.05               | (19.44 - 24.91)                       | 16.78             | (14.97 - 18.75)                     | 17.51             | (15.86 - 19.30)                     |
| Eastern                                   | 24.97               | (20.44 - 30.12)                       | 19.05             | (15.81 - 22.78)                     | 20.08             | (17.09 - 23.45)                     |
| North Central                             | 21.55               | (17.73 - 25.93)                       | 17.08             | (14.31 - 20.27)                     | 17.68             | (15.12 - 20.58)                     |
| Northwestern                              | 21.78               | (17.68 - 26.53)                       | 16.26             | (13.42 - 19.56)                     | 16.96             | (14.31 - 19.99)                     |
| South Central                             | 22.95               | (18.78 - 27.73)                       | 16.50             | (13.65 - 19.82)                     | 17.42             | (14.76 - 20.43)                     |
| Southwest                                 | 19.40               | (15.84 - 23.55)                       | 15.72             | (12.75 - 19.23)                     | 16.22             | (13.49 - 19.38)                     |
| <b>Delaware</b>                           | 21.16               | (18.77 - 23.77)                       | 18.22             | (16.24 - 20.40)                     | 18.62             | (16.84 - 20.55)                     |
| Kent                                      | 19.89               | (16.20 - 24.19)                       | 18.49             | (15.40 - 22.05)                     | 18.71             | (15.91 - 21.87)                     |
| New Castle (excluding<br>Wilmington City) | 22.67               | (19.56 - 26.12)                       | 18.22             | (15.70 - 21.04)                     | 18.86             | (16.61 - 21.35)                     |
| Sussex                                    | 20.19               | (16.48 - 24.48)                       | 17.58             | (14.50 - 21.15)                     | 17.85             | (14.96 - 21.15)                     |
| Wilmington City                           | 16.17               | (12.73 - 20.34)                       | 19.60             | (15.73 - 24.16)                     | 19.14             | (15.62 - 23.23)                     |
| <b>District of Columbia</b>               | 20.69               | (18.26 - 23.34)                       | 18.62             | (16.85 - 20.53)                     | 18.97             | (17.37 - 20.69)                     |
| Ward 1                                    | 19.91               | (16.03 - 24.47)                       | 20.64             | (17.22 - 24.54)                     | 20.50             | (17.42 - 23.97)                     |
| Ward 2                                    | 26.82               | (22.03 - 32.21)                       | 21.38             | (17.75 - 25.53)                     | 22.79             | (19.53 - 26.41)                     |
| Ward 3                                    | 25.54               | (20.84 - 30.89)                       | 18.75             | (15.51 - 22.50)                     | 19.87             | (16.82 - 23.33)                     |
| Ward 4                                    | 17.76               | (14.12 - 22.10)                       | 16.27             | (13.48 - 19.52)                     | 16.44             | (13.82 - 19.45)                     |
| Ward 5                                    | 19.34               | (15.44 - 23.94)                       | 16.05             | (13.13 - 19.46)                     | 16.60             | (13.91 - 19.68)                     |
| Ward 6                                    | 21.58               | (17.70 - 26.04)                       | 20.60             | (17.46 - 24.15)                     | 20.73             | (17.82 - 23.97)                     |
| Ward 7                                    | 13.88               | (10.91 - 17.49)                       | 16.04             | (13.18 - 19.37)                     | 15.68             | (13.11 - 18.64)                     |
| Ward 8                                    | 14.79               | (11.66 - 18.60)                       | 18.96             | (15.58 - 22.88)                     | 18.14             | (15.19 - 21.52)                     |

See notes at end of table.

(continued)



**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 19.62               | (18.16 - 21.17)                       | 16.47             | (15.32 - 17.69)                     | 16.87             | (15.82 - 17.96)                     |
| Broward (Circuit 17)                                                    | 17.54               | (14.51 - 21.04)                       | 14.17             | (11.78 - 16.95)                     | 14.58             | (12.36 - 17.12)                     |
| Central I                                                               | 19.57               | (17.12 - 22.27)                       | 17.11             | (15.11 - 19.31)                     | 17.46             | (15.65 - 19.44)                     |
| Circuit 9                                                               | 19.18               | (16.23 - 22.53)                       | 17.36             | (14.80 - 20.26)                     | 17.64             | (15.34 - 20.21)                     |
| Circuit 18                                                              | 20.31               | (16.75 - 24.39)                       | 16.76             | (14.04 - 19.90)                     | 17.20             | (14.65 - 20.08)                     |
| Central II                                                              | 20.34               | (18.33 - 22.52)                       | 16.49             | (14.96 - 18.14)                     | 16.92             | (15.50 - 18.45)                     |
| Circuit 6                                                               | 20.03               | (16.60 - 23.97)                       | 16.79             | (14.14 - 19.83)                     | 17.12             | (14.64 - 19.93)                     |
| Circuit 10                                                              | 18.64               | (15.34 - 22.47)                       | 16.47             | (13.72 - 19.64)                     | 16.74             | (14.20 - 19.64)                     |
| Circuit 12                                                              | 20.35               | (16.59 - 24.71)                       | 15.35             | (12.53 - 18.68)                     | 15.83             | (13.14 - 18.94)                     |
| Circuit 13 (Hillsborough)                                               | 21.34               | (18.03 - 25.07)                       | 17.79             | (14.98 - 20.99)                     | 18.28             | (15.70 - 21.18)                     |
| Circuit 20                                                              | 20.52               | (16.82 - 24.78)                       | 15.61             | (12.88 - 18.79)                     | 16.11             | (13.52 - 19.08)                     |
| Northeast                                                               | 20.09               | (17.89 - 22.49)                       | 16.65             | (14.88 - 18.58)                     | 17.09             | (15.47 - 18.84)                     |
| Circuit 4                                                               | 18.72               | (15.46 - 22.49)                       | 16.46             | (13.76 - 19.57)                     | 16.77             | (14.28 - 19.60)                     |
| Circuit 5                                                               | 21.95               | (18.11 - 26.35)                       | 16.15             | (13.37 - 19.38)                     | 16.70             | (14.06 - 19.71)                     |
| Circuit 7                                                               | 20.58               | (16.94 - 24.78)                       | 16.81             | (13.80 - 20.32)                     | 17.24             | (14.45 - 20.45)                     |
| Circuit 8 plus Columbia, Dixie,<br>Hamilton, Lafayette, and<br>Suwannee | 19.80               | (16.05 - 24.16)                       | 17.92             | (14.75 - 21.59)                     | 18.28             | (15.44 - 21.50)                     |
| Northwest                                                               | 21.26               | (18.78 - 23.97)                       | 18.73             | (16.56 - 21.12)                     | 19.14             | (17.19 - 21.25)                     |
| Circuit 1                                                               | 20.53               | (17.15 - 24.39)                       | 18.58             | (15.53 - 22.06)                     | 18.85             | (16.08 - 21.98)                     |
| Circuit 2 plus Madison and<br>Taylor                                    | 21.97               | (18.21 - 26.26)                       | 18.46             | (15.23 - 22.19)                     | 19.19             | (16.34 - 22.42)                     |
| Circuit 14                                                              | 21.40               | (17.42 - 26.01)                       | 19.48             | (15.97 - 23.54)                     | 19.72             | (16.46 - 23.44)                     |
| South (Circuits 11 and 16)                                              | 17.40               | (14.63 - 20.57)                       | 15.56             | (13.30 - 18.12)                     | 15.80             | (13.72 - 18.13)                     |
| Southeast                                                               | 20.49               | (17.61 - 23.71)                       | 17.03             | (14.73 - 19.62)                     | 17.42             | (15.26 - 19.81)                     |
| Circuit 15 (Palm Beach)                                                 | 20.95               | (17.41 - 24.99)                       | 16.81             | (13.99 - 20.07)                     | 17.28             | (14.63 - 20.29)                     |
| Circuit 19                                                              | 19.44               | (15.81 - 23.67)                       | 17.52             | (14.28 - 21.31)                     | 17.73             | (14.69 - 21.24)                     |
| <b>Georgia</b>                                                          | 19.58               | (17.60 - 21.74)                       | 17.26             | (15.73 - 18.91)                     | 17.60             | (16.23 - 19.07)                     |
| Region 1                                                                | 19.56               | (16.30 - 23.29)                       | 16.72             | (14.26 - 19.50)                     | 17.10             | (14.84 - 19.61)                     |
| Region 2                                                                | 19.85               | (16.34 - 23.89)                       | 18.35             | (15.49 - 21.61)                     | 18.60             | (16.00 - 21.51)                     |
| Region 3                                                                | 20.38               | (17.33 - 23.80)                       | 15.53             | (13.26 - 18.11)                     | 16.22             | (14.16 - 18.52)                     |
| Region 4                                                                | 18.83               | (15.08 - 23.26)                       | 20.39             | (16.86 - 24.43)                     | 20.13             | (16.97 - 23.70)                     |
| Region 5                                                                | 18.59               | (15.15 - 22.59)                       | 18.75             | (15.53 - 22.45)                     | 18.72             | (15.82 - 22.01)                     |
| Region 6                                                                | 18.99               | (15.53 - 23.01)                       | 18.49             | (15.40 - 22.04)                     | 18.56             | (15.77 - 21.72)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 21.03               | (18.38 - 23.96)                       | 14.60             | (12.90 - 16.49)                     | 15.44             | (13.86 - 17.16)                     |
| Hawaii Island                   | 21.20               | (17.20 - 25.84)                       | 16.24             | (13.27 - 19.73)                     | 16.86             | (14.06 - 20.07)                     |
| Honolulu                        | 20.98               | (17.99 - 24.32)                       | 13.89             | (11.95 - 16.08)                     | 14.84             | (13.06 - 16.83)                     |
| Kauai                           | 21.04               | (16.65 - 26.22)                       | 14.79             | (11.77 - 18.42)                     | 15.50             | (12.64 - 18.86)                     |
| Maui                            | 21.24               | (16.98 - 26.22)                       | 16.99             | (13.84 - 20.69)                     | 17.49             | (14.53 - 20.89)                     |
| <b>Idaho</b>                    | 24.40               | (21.86 - 27.13)                       | 21.17             | (19.23 - 23.26)                     | 21.64             | (19.90 - 23.49)                     |
| Region 1                        | 24.83               | (20.29 - 30.01)                       | 20.28             | (16.76 - 24.33)                     | 20.82             | (17.56 - 24.51)                     |
| Region 2                        | 24.74               | (20.15 - 30.00)                       | 19.46             | (15.77 - 23.76)                     | 20.38             | (17.02 - 24.20)                     |
| Region 3                        | 22.64               | (18.76 - 27.07)                       | 21.70             | (18.23 - 25.62)                     | 21.83             | (18.69 - 25.34)                     |
| Region 4                        | 26.31               | (22.28 - 30.78)                       | 22.30             | (19.31 - 25.61)                     | 22.83             | (20.08 - 25.83)                     |
| Region 5                        | 22.33               | (18.23 - 27.04)                       | 20.58             | (17.14 - 24.52)                     | 20.83             | (17.67 - 24.38)                     |
| Region 6                        | *                   | (* - *)                               | 21.30             | (17.56 - 25.59)                     | 21.83             | (18.40 - 25.71)                     |
| Region 7                        | 23.83               | (19.67 - 28.55)                       | 20.47             | (17.07 - 24.33)                     | 21.08             | (18.05 - 24.48)                     |
| <b>Illinois</b>                 | 19.06               | (17.35 - 20.89)                       | 15.36             | (14.16 - 16.65)                     | 15.89             | (14.80 - 17.04)                     |
| Region 1 (Cook)                 | 17.98               | (15.98 - 20.17)                       | 14.53             | (13.06 - 16.12)                     | 15.00             | (13.66 - 16.45)                     |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | 17.13             | (14.05 - 20.72)                     | 17.57             | (14.67 - 20.89)                     |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | 15.84             | (12.84 - 19.39)                     | 16.07             | (13.26 - 19.35)                     |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | 19.42             | (15.99 - 23.37)                     | 19.80             | (16.63 - 23.41)                     |
| Region 1.4 (West Side)          | 15.74               | (12.58 - 19.50)                       | 16.33             | (13.36 - 19.81)                     | 16.23             | (13.54 - 19.34)                     |
| Region 1.5 (South Side)         | 16.49               | (13.08 - 20.57)                       | 14.73             | (11.91 - 18.08)                     | 15.00             | (12.40 - 18.03)                     |
| Region 1.6 (Southwest Side)     | 14.50               | (11.49 - 18.13)                       | 14.82             | (12.03 - 18.13)                     | 14.77             | (12.23 - 17.71)                     |
| Region 1.7 (Suburban Cook)      | 18.24               | (15.36 - 21.54)                       | 12.46             | (10.55 - 14.66)                     | 13.21             | (11.43 - 15.21)                     |
| Region 2                        | 19.40               | (17.12 - 21.90)                       | 15.05             | (13.52 - 16.73)                     | 15.67             | (14.27 - 17.18)                     |
| Region 2a (DuPage)              | 21.42               | (17.72 - 25.65)                       | 14.60             | (12.13 - 17.48)                     | 15.51             | (13.19 - 18.15)                     |
| Region 2b                       | 18.26               | (15.34 - 21.59)                       | 14.34             | (12.30 - 16.65)                     | 14.91             | (13.05 - 16.99)                     |
| Region 2c (Winnebago)           | *                   | (* - *)                               | 17.48             | (14.27 - 21.23)                     | 17.90             | (14.91 - 21.35)                     |
| Region 2d                       | 19.96               | (16.24 - 24.29)                       | 16.95             | (13.98 - 20.40)                     | 17.41             | (14.68 - 20.51)                     |
| Region 3                        | 20.95               | (17.97 - 24.28)                       | 17.72             | (15.24 - 20.50)                     | 18.25             | (16.02 - 20.71)                     |
| Region 3a (Champaign)           | 22.47               | (18.33 - 27.23)                       | 17.49             | (14.38 - 21.10)                     | 18.87             | (16.09 - 22.01)                     |
| Region 3b                       | 20.45               | (17.02 - 24.37)                       | 17.75             | (15.03 - 20.84)                     | 18.14             | (15.65 - 20.93)                     |
| Region 4                        | 20.23               | (16.98 - 23.92)                       | 16.42             | (14.07 - 19.08)                     | 16.93             | (14.74 - 19.38)                     |
| Region 4a (Sangamon)            | *                   | (* - *)                               | 16.99             | (13.83 - 20.70)                     | 17.45             | (14.48 - 20.87)                     |
| Region 4b                       | 20.13               | (16.41 - 24.45)                       | 16.25             | (13.50 - 19.44)                     | 16.79             | (14.22 - 19.71)                     |
| Region 5                        | 18.96               | (16.30 - 21.93)                       | 16.45             | (14.20 - 18.98)                     | 16.80             | (14.74 - 19.07)                     |
| Region 5a                       | 18.29               | (14.78 - 22.43)                       | 16.86             | (13.83 - 20.39)                     | 17.06             | (14.25 - 20.28)                     |
| Region 5b                       | 19.48               | (16.09 - 23.38)                       | 16.12             | (13.24 - 19.49)                     | 16.59             | (13.95 - 19.62)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                    | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|------------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| <b>Indiana</b>                           | 24.07               | (21.50 - 26.84)                    | 19.35             | (17.47 - 21.38)                  | 20.06             | (18.36 - 21.87)                  |
| Central                                  | 23.73               | (19.74 - 28.23)                    | 17.45             | (14.68 - 20.62)                  | 18.32             | (15.75 - 21.21)                  |
| East                                     | 23.88               | (19.52 - 28.87)                    | 19.21             | (15.63 - 23.39)                  | 19.96             | (16.69 - 23.68)                  |
| North Central                            | 23.76               | (19.44 - 28.69)                    | 19.97             | (16.73 - 23.67)                  | 20.52             | (17.54 - 23.86)                  |
| Northeast                                | 24.77               | (20.36 - 29.78)                    | 19.67             | (16.16 - 23.73)                  | 20.41             | (17.19 - 24.06)                  |
| Northwest                                | 21.76               | (17.49 - 26.75)                    | 19.16             | (15.64 - 23.25)                  | 19.53             | (16.28 - 23.25)                  |
| Southeast                                | 26.22               | (21.55 - 31.51)                    | 21.24             | (17.54 - 25.48)                  | 21.87             | (18.42 - 25.76)                  |
| Southwest                                | 24.96               | (20.35 - 30.22)                    | 19.90             | (16.25 - 24.13)                  | 20.60             | (17.21 - 24.45)                  |
| West                                     | 24.44               | (19.90 - 29.64)                    | 20.97             | (17.35 - 25.13)                  | 21.73             | (18.47 - 25.38)                  |
| <b>Iowa</b>                              | 20.63               | (18.22 - 23.27)                    | 16.91             | (15.23 - 18.74)                  | 17.47             | (15.94 - 19.12)                  |
| Central                                  | 21.03               | (17.14 - 25.54)                    | 17.14             | (14.35 - 20.35)                  | 17.69             | (15.08 - 20.65)                  |
| North Central                            | 21.97               | (17.84 - 26.75)                    | 16.61             | (13.74 - 19.94)                  | 17.63             | (15.01 - 20.58)                  |
| Northeast                                | 21.22               | (17.64 - 25.30)                    | 17.36             | (14.56 - 20.56)                  | 17.94             | (15.40 - 20.80)                  |
| Northwest                                | 18.25               | (14.60 - 22.57)                    | 15.64             | (12.84 - 18.92)                  | 16.00             | (13.40 - 19.00)                  |
| Southeast                                | 20.33               | (16.56 - 24.70)                    | 17.40             | (14.59 - 20.61)                  | 17.86             | (15.28 - 20.78)                  |
| Southwest                                | 20.61               | (16.68 - 25.18)                    | 16.65             | (13.56 - 20.29)                  | 17.16             | (14.28 - 20.49)                  |
| <b>Kansas</b>                            | 20.19               | (17.80 - 22.82)                    | 17.39             | (15.49 - 19.47)                  | 17.82             | (16.11 - 19.67)                  |
| Northeast                                | 21.10               | (18.04 - 24.51)                    | 17.89             | (15.44 - 20.65)                  | 18.41             | (16.21 - 20.84)                  |
| Northwest and North Central              | *                   | (* - *)                            | 17.03             | (13.63 - 21.08)                  | 17.39             | (14.23 - 21.08)                  |
| South Central                            | 19.46               | (15.92 - 23.57)                    | 16.60             | (13.85 - 19.77)                  | 17.01             | (14.49 - 19.88)                  |
| Southeast                                | *                   | (* - *)                            | 18.31             | (14.73 - 22.54)                  | 18.46             | (15.18 - 22.26)                  |
| Southwest                                | 17.10               | (13.42 - 21.53)                    | 16.29             | (12.96 - 20.29)                  | 16.42             | (13.37 - 19.99)                  |
| <b>Kentucky</b>                          | 20.01               | (17.59 - 22.66)                    | 21.41             | (19.38 - 23.60)                  | 21.21             | (19.38 - 23.17)                  |
| Adanta, Cumberland River, and Lifeskills | 19.18               | (15.59 - 23.37)                    | 22.15             | (18.61 - 26.13)                  | 21.72             | (18.52 - 25.30)                  |
| Bluegrass, Comprehend, and North Key     | 20.65               | (17.08 - 24.74)                    | 21.29             | (18.23 - 24.72)                  | 21.20             | (18.44 - 24.24)                  |
| Centerstone                              | 20.14               | (16.35 - 24.55)                    | 20.36             | (17.14 - 24.01)                  | 20.33             | (17.40 - 23.62)                  |
| Communicare and River Valley             | 19.04               | (15.12 - 23.70)                    | 19.76             | (16.13 - 23.96)                  | 19.66             | (16.33 - 23.48)                  |
| Four Rivers and Pennyroyal               | 20.22               | (16.30 - 24.80)                    | 21.29             | (17.44 - 25.72)                  | 21.13             | (17.66 - 25.07)                  |
| Kentucky River, Mountain, and Pathways   | 20.00               | (15.94 - 24.79)                    | 24.44             | (20.31 - 29.11)                  | 23.85             | (20.12 - 28.04)                  |

See notes at end of table.

(continued)

**Table 11** *Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 16.47               | (14.24 - 18.98)                       | 17.94             | (16.10 - 19.94)                     | 17.72             | (16.07 - 19.51)                     |
| Regions 1 and 10      | 17.00               | (13.96 - 20.54)                       | 18.25             | (15.53 - 21.33)                     | 18.08             | (15.59 - 20.87)                     |
| Region 1              | 16.49               | (12.84 - 20.93)                       | 18.21             | (14.85 - 22.13)                     | 17.94             | (14.87 - 21.49)                     |
| Region 10 (Jefferson) | 17.71               | (14.07 - 22.05)                       | 18.30             | (14.86 - 22.33)                     | 18.23             | (15.06 - 21.90)                     |
| Regions 2 and 9       | 17.00               | (14.01 - 20.47)                       | 17.43             | (14.71 - 20.52)                     | 17.36             | (14.92 - 20.10)                     |
| Region 3              | 16.77               | (13.23 - 21.03)                       | 16.47             | (13.44 - 20.03)                     | 16.52             | (13.74 - 19.73)                     |
| Regions 4, 5, and 6   | 16.76               | (13.35 - 20.83)                       | 18.73             | (15.75 - 22.12)                     | 18.44             | (15.74 - 21.49)                     |
| Regions 7 and 8       | 14.80               | (11.71 - 18.52)                       | 17.92             | (14.88 - 21.43)                     | 17.44             | (14.73 - 20.53)                     |
| <b>Maine</b>          | 22.77               | (20.19 - 25.58)                       | 18.07             | (16.28 - 20.01)                     | 18.64             | (16.98 - 20.42)                     |
| Aroostook/Downeast    | 22.05               | (18.49 - 26.07)                       | 18.21             | (15.41 - 21.38)                     | 18.63             | (16.01 - 21.58)                     |
| Aroostook             | 21.74               | (17.33 - 26.90)                       | 17.55             | (14.22 - 21.46)                     | 18.03             | (14.89 - 21.67)                     |
| Downeast              | 22.32               | (17.87 - 27.49)                       | 18.73             | (15.02 - 23.11)                     | 19.12             | (15.62 - 23.18)                     |
| Central               | 24.45               | (19.76 - 29.83)                       | 18.56             | (15.18 - 22.50)                     | 19.25             | (16.07 - 22.89)                     |
| Cumberland            | 24.03               | (19.90 - 28.69)                       | 17.01             | (14.15 - 20.33)                     | 17.88             | (15.20 - 20.91)                     |
| Midcoast              | 22.48               | (17.98 - 27.71)                       | 17.74             | (14.54 - 21.48)                     | 18.22             | (15.18 - 21.72)                     |
| Penquis               | 21.77               | (17.61 - 26.59)                       | 18.39             | (15.09 - 22.23)                     | 18.89             | (15.84 - 22.36)                     |
| Western               | 22.44               | (18.32 - 27.17)                       | 19.45             | (16.18 - 23.19)                     | 19.82             | (16.80 - 23.24)                     |
| York                  | 21.54               | (17.69 - 25.97)                       | 17.72             | (14.55 - 21.40)                     | 18.15             | (15.22 - 21.50)                     |
| <b>Maryland</b>       | 21.69               | (19.25 - 24.35)                       | 15.96             | (14.27 - 17.80)                     | 16.74             | (15.19 - 18.41)                     |
| Anne Arundel          | 24.47               | (19.97 - 29.59)                       | 16.56             | (13.51 - 20.15)                     | 17.59             | (14.71 - 20.89)                     |
| Baltimore City        | 17.53               | (14.20 - 21.45)                       | 17.89             | (14.65 - 21.67)                     | 17.83             | (14.91 - 21.19)                     |
| Baltimore County      | 22.78               | (18.43 - 27.81)                       | 16.69             | (13.65 - 20.25)                     | 17.52             | (14.67 - 20.79)                     |
| Montgomery            | 23.65               | (19.35 - 28.57)                       | 14.69             | (12.06 - 17.77)                     | 15.72             | (13.23 - 18.58)                     |
| North Central         | 24.90               | (20.10 - 30.42)                       | 16.34             | (13.17 - 20.09)                     | 17.44             | (14.43 - 20.92)                     |
| Northeast             | 24.49               | (19.88 - 29.77)                       | 17.98             | (14.63 - 21.92)                     | 18.81             | (15.65 - 22.44)                     |
| Prince George's       | 17.76               | (14.26 - 21.90)                       | 13.08             | (10.59 - 16.06)                     | 13.80             | (11.50 - 16.49)                     |
| South                 | 21.14               | (16.93 - 26.07)                       | 16.01             | (13.05 - 19.49)                     | 16.77             | (14.02 - 19.94)                     |
| West                  | 22.68               | (18.27 - 27.81)                       | 16.78             | (13.66 - 20.44)                     | 17.57             | (14.64 - 20.93)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 22.93               | (20.28 - 25.81)                       | 18.68             | (16.79 - 20.72)                     | 19.31             | (17.57 - 21.18)                     |
| Boston                | 24.15               | (19.69 - 29.26)                       | 22.62             | (18.82 - 26.93)                     | 22.93             | (19.53 - 26.72)                     |
| Central               | 21.90               | (17.66 - 26.82)                       | 18.29             | (15.09 - 21.99)                     | 18.81             | (15.86 - 22.17)                     |
| Metrowest             | 22.92               | (18.72 - 27.74)                       | 16.08             | (13.32 - 19.29)                     | 17.01             | (14.39 - 20.00)                     |
| Northeast             | 21.40               | (17.61 - 25.74)                       | 19.48             | (16.41 - 22.97)                     | 19.74             | (16.90 - 22.92)                     |
| Southeast             | 23.46               | (19.12 - 28.45)                       | 18.46             | (15.35 - 22.05)                     | 19.11             | (16.18 - 22.42)                     |
| Western               | 23.54               | (19.35 - 28.32)                       | 19.28             | (15.76 - 23.35)                     | 19.99             | (16.77 - 23.65)                     |
| <b>Michigan</b>       | 22.17               | (20.44 - 24.00)                       | 16.94             | (15.64 - 18.31)                     | 17.70             | (16.54 - 18.92)                     |
| Region 1              | 23.04               | (18.93 - 27.73)                       | 16.83             | (13.79 - 20.40)                     | 17.72             | (14.88 - 20.96)                     |
| Region 2              | 24.25               | (20.03 - 29.03)                       | 16.11             | (13.17 - 19.57)                     | 17.00             | (14.22 - 20.19)                     |
| Region 3              | 23.46               | (20.02 - 27.28)                       | 18.87             | (16.14 - 21.94)                     | 19.57             | (17.10 - 22.31)                     |
| Region 4              | 23.55               | (19.94 - 27.58)                       | 17.08             | (14.43 - 20.09)                     | 18.05             | (15.63 - 20.76)                     |
| Region 5              | 23.31               | (20.10 - 26.85)                       | 17.53             | (15.27 - 20.06)                     | 18.51             | (16.48 - 20.74)                     |
| Region 6              | 23.30               | (19.46 - 27.64)                       | 16.00             | (13.37 - 19.04)                     | 17.21             | (14.76 - 19.97)                     |
| Region 7              | 18.59               | (15.80 - 21.75)                       | 15.91             | (13.46 - 18.70)                     | 16.31             | (14.12 - 18.76)                     |
| Region 8              | 22.22               | (18.67 - 26.22)                       | 15.60             | (13.22 - 18.32)                     | 16.42             | (14.20 - 18.92)                     |
| Region 9              | 21.25               | (17.73 - 25.25)                       | 17.00             | (14.17 - 20.27)                     | 17.54             | (14.91 - 20.52)                     |
| Region 10             | 21.89               | (18.11 - 26.21)                       | 18.66             | (15.70 - 22.04)                     | 19.10             | (16.38 - 22.15)                     |
| <b>Minnesota</b>      | 24.10               | (21.52 - 26.87)                       | 18.13             | (16.37 - 20.04)                     | 18.96             | (17.34 - 20.69)                     |
| Regions 1 and 2       | 24.50               | (20.39 - 29.13)                       | 18.28             | (15.46 - 21.47)                     | 19.10             | (16.45 - 22.07)                     |
| Region 1              | *                   | (* - *)                               | 17.29             | (13.87 - 21.35)                     | 18.16             | (14.92 - 21.91)                     |
| Region 2              | *                   | (* - *)                               | 18.86             | (15.36 - 22.94)                     | 19.67             | (16.35 - 23.46)                     |
| Regions 3 and 4       | 22.97               | (19.31 - 27.09)                       | 17.20             | (14.71 - 20.02)                     | 18.03             | (15.70 - 20.61)                     |
| Region 3              | *                   | (* - *)                               | 18.40             | (14.84 - 22.58)                     | 19.12             | (15.77 - 22.98)                     |
| Region 4              | 22.60               | (18.38 - 27.46)                       | 16.55             | (13.58 - 20.02)                     | 17.43             | (14.69 - 20.56)                     |
| Regions 5 and 6       | 23.41               | (20.00 - 27.21)                       | 17.71             | (15.13 - 20.63)                     | 18.54             | (16.16 - 21.19)                     |
| Region 5              | 23.22               | (19.08 - 27.94)                       | 17.96             | (14.71 - 21.74)                     | 18.73             | (15.74 - 22.13)                     |
| Region 6              | 23.62               | (19.16 - 28.75)                       | 17.46             | (14.14 - 21.37)                     | 18.35             | (15.24 - 21.94)                     |
| Region 7              | 24.64               | (21.65 - 27.90)                       | 18.54             | (16.45 - 20.82)                     | 19.36             | (17.44 - 21.45)                     |
| Region 7A (Hennepin)  | 24.57               | (20.51 - 29.15)                       | 18.51             | (15.57 - 21.86)                     | 19.31             | (16.61 - 22.32)                     |
| Region 7B (Ramsey)    | 24.23               | (19.74 - 29.36)                       | 20.27             | (16.81 - 24.24)                     | 20.89             | (17.68 - 24.52)                     |
| Region 7C             | 24.95               | (20.78 - 29.63)                       | 17.82             | (15.01 - 21.02)                     | 18.74             | (16.10 - 21.69)                     |

See notes at end of table.

(continued)

**Table 11** *Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                  | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 16.97               | (14.81 - 19.37)                       | 18.29             | (16.42 - 20.31)                     | 18.09             | (16.43 - 19.88)                     |
| Region 1                               | 17.39               | (14.10 - 21.27)                       | 18.67             | (15.68 - 22.09)                     | 18.48             | (15.78 - 21.51)                     |
| Region 2                               | 14.14               | (11.23 - 17.67)                       | 17.13             | (13.95 - 20.85)                     | 16.67             | (13.84 - 19.94)                     |
| Region 3                               | 17.82               | (14.21 - 22.11)                       | 18.57             | (15.23 - 22.45)                     | 18.44             | (15.44 - 21.86)                     |
| Region 4                               | 15.21               | (12.19 - 18.82)                       | 17.11             | (14.06 - 20.66)                     | 16.82             | (14.09 - 19.96)                     |
| Region 5                               | *                   | (* - *)                               | 18.70             | (15.01 - 23.04)                     | 18.38             | (15.03 - 22.29)                     |
| Region 6                               | 17.82               | (14.29 - 22.00)                       | 19.67             | (16.29 - 23.54)                     | 19.37             | (16.34 - 22.81)                     |
| Region 7                               | 19.47               | (15.73 - 23.86)                       | 18.71             | (15.37 - 22.58)                     | 18.82             | (15.76 - 22.31)                     |
| <b>Missouri</b>                        | 20.35               | (18.02 - 22.89)                       | 17.99             | (16.20 - 19.92)                     | 18.32             | (16.71 - 20.05)                     |
| Central                                | 19.97               | (16.21 - 24.35)                       | 16.58             | (13.61 - 20.06)                     | 17.17             | (14.50 - 20.23)                     |
| Eastern                                | 19.71               | (16.70 - 23.12)                       | 17.26             | (14.96 - 19.83)                     | 17.59             | (15.48 - 19.92)                     |
| Eastern (St. Louis City and<br>County) | 19.65               | (16.01 - 23.88)                       | 17.29             | (14.49 - 20.49)                     | 17.61             | (15.03 - 20.53)                     |
| Eastern (excluding St. Louis)          | 19.82               | (15.96 - 24.35)                       | 17.22             | (14.12 - 20.83)                     | 17.56             | (14.69 - 20.86)                     |
| Northwest                              | 21.32               | (18.05 - 25.01)                       | 18.59             | (15.98 - 21.52)                     | 18.97             | (16.57 - 21.63)                     |
| Northwest (Jackson)                    | 20.05               | (16.15 - 24.60)                       | 18.36             | (15.08 - 22.16)                     | 18.59             | (15.56 - 22.05)                     |
| Northwest (excluding Jackson)          | 22.34               | (18.10 - 27.24)                       | 18.79             | (15.41 - 22.70)                     | 19.30             | (16.19 - 22.83)                     |
| Southeast                              | 19.76               | (15.93 - 24.23)                       | 18.96             | (15.55 - 22.90)                     | 19.07             | (15.93 - 22.65)                     |
| Southwest                              | 21.05               | (17.18 - 25.53)                       | 19.11             | (15.84 - 22.87)                     | 19.38             | (16.39 - 22.77)                     |
| <b>Montana</b>                         | 24.06               | (21.60 - 26.70)                       | 19.28             | (17.37 - 21.34)                     | 19.95             | (18.22 - 21.80)                     |
| Region 1                               | *                   | (* - *)                               | 17.69             | (14.19 - 21.84)                     | 18.26             | (15.00 - 22.06)                     |
| Region 2                               | 23.33               | (19.27 - 27.96)                       | 19.37             | (16.07 - 23.17)                     | 19.95             | (16.94 - 23.35)                     |
| Region 3                               | 22.91               | (19.04 - 27.31)                       | 17.91             | (14.95 - 21.31)                     | 18.56             | (15.81 - 21.67)                     |
| Region 4                               | 25.91               | (22.03 - 30.21)                       | 19.35             | (16.44 - 22.63)                     | 20.33             | (17.69 - 23.26)                     |
| Region 5                               | 23.83               | (20.12 - 27.97)                       | 20.51             | (17.52 - 23.86)                     | 20.98             | (18.25 - 23.99)                     |
| <b>Nebraska</b>                        | 21.73               | (19.17 - 24.53)                       | 17.93             | (16.01 - 20.03)                     | 18.51             | (16.77 - 20.38)                     |
| Regions 1 and 2                        | 20.54               | (16.93 - 24.68)                       | 16.53             | (13.80 - 19.68)                     | 17.07             | (14.52 - 19.97)                     |
| Region 1                               | *                   | (* - *)                               | 16.45             | (13.08 - 20.48)                     | 17.07             | (13.92 - 20.76)                     |
| Region 2                               | *                   | (* - *)                               | 16.60             | (13.21 - 20.64)                     | 17.07             | (13.90 - 20.79)                     |
| Region 3                               | 20.74               | (16.74 - 25.41)                       | 17.28             | (14.16 - 20.91)                     | 17.79             | (14.91 - 21.09)                     |
| Region 4                               | 18.98               | (15.18 - 23.46)                       | 15.63             | (12.51 - 19.35)                     | 16.11             | (13.23 - 19.47)                     |
| Region 5                               | 23.23               | (19.21 - 27.81)                       | 18.50             | (15.53 - 21.89)                     | 19.30             | (16.60 - 22.32)                     |
| Region 6                               | 21.95               | (18.58 - 25.73)                       | 18.75             | (16.04 - 21.80)                     | 19.23             | (16.79 - 21.93)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 21.28               | (18.60 - 24.22)                       | 17.56             | (15.60 - 19.70)                     | 18.05             | (16.26 - 19.99)                     |
| Clark – Region 1        | 20.27               | (17.26 - 23.64)                       | 17.22             | (14.94 - 19.76)                     | 17.62             | (15.55 - 19.91)                     |
| Region 3                | 22.96               | (19.03 - 27.43)                       | 17.99             | (15.03 - 21.38)                     | 18.57             | (15.76 - 21.76)                     |
| Capital District        | *                   | (* - *)                               | 17.28             | (13.60 - 21.71)                     | 17.93             | (14.40 - 22.10)                     |
| Rural/Frontier          | *                   | (* - *)                               | 18.64             | (15.01 - 22.91)                     | 19.16             | (15.74 - 23.11)                     |
| Washoe – Region 2       | 24.71               | (20.30 - 29.72)                       | 18.80             | (15.49 - 22.63)                     | 19.60             | (16.51 - 23.11)                     |
| <b>New Hampshire</b>    | 27.87               | (24.85 - 31.11)                       | 20.00             | (18.01 - 22.15)                     | 21.07             | (19.25 - 23.01)                     |
| Central                 | 28.09               | (24.29 - 32.24)                       | 20.15             | (17.43 - 23.18)                     | 21.30             | (18.78 - 24.04)                     |
| Central 1               | 28.79               | (23.92 - 34.21)                       | 20.35             | (16.85 - 24.35)                     | 21.70             | (18.48 - 25.31)                     |
| Central 2               | 27.23               | (22.82 - 32.13)                       | 19.96             | (16.61 - 23.80)                     | 20.89             | (17.79 - 24.38)                     |
| Northern                | 26.82               | (22.06 - 32.19)                       | 19.65             | (16.15 - 23.70)                     | 20.66             | (17.42 - 24.33)                     |
| Southern                | 28.00               | (24.35 - 31.97)                       | 20.00             | (17.65 - 22.59)                     | 21.05             | (18.89 - 23.39)                     |
| Southern 1 (Rockingham) | 27.33               | (22.50 - 32.75)                       | 19.83             | (16.52 - 23.61)                     | 20.72             | (17.65 - 24.17)                     |
| Southern 2              | 28.37               | (24.14 - 33.01)                       | 20.12             | (17.25 - 23.33)                     | 21.25             | (18.62 - 24.14)                     |
| <b>New Jersey</b>       | 20.42               | (18.33 - 22.69)                       | 15.23             | (13.75 - 16.84)                     | 15.91             | (14.55 - 17.36)                     |
| Central                 | 21.25               | (17.73 - 25.24)                       | 14.96             | (12.65 - 17.61)                     | 15.76             | (13.58 - 18.20)                     |
| Metropolitan            | 19.18               | (15.97 - 22.86)                       | 14.83             | (12.33 - 17.72)                     | 15.44             | (13.17 - 18.02)                     |
| Northern                | 20.54               | (17.51 - 23.94)                       | 14.67             | (12.53 - 17.10)                     | 15.40             | (13.42 - 17.62)                     |
| Southern                | 20.90               | (17.57 - 24.68)                       | 16.86             | (14.18 - 19.93)                     | 17.40             | (14.94 - 20.17)                     |
| <b>New Mexico</b>       | 22.43               | (19.91 - 25.16)                       | 19.07             | (17.08 - 21.23)                     | 19.55             | (17.76 - 21.48)                     |
| Region 1                | 22.46               | (18.37 - 27.16)                       | 19.53             | (16.24 - 23.30)                     | 19.95             | (16.95 - 23.34)                     |
| Region 2                | 20.98               | (16.84 - 25.83)                       | 16.41             | (13.20 - 20.22)                     | 16.95             | (13.95 - 20.45)                     |
| Region 3 (Bernalillo)   | 25.22               | (21.36 - 29.52)                       | 20.47             | (17.38 - 23.96)                     | 21.14             | (18.34 - 24.25)                     |
| Region 4                | 20.53               | (16.39 - 25.40)                       | 19.88             | (16.39 - 23.91)                     | 19.98             | (16.83 - 23.56)                     |
| Region 5                | 20.29               | (17.00 - 24.02)                       | 17.76             | (15.12 - 20.74)                     | 18.16             | (15.74 - 20.85)                     |
| Region 5a               | 21.02               | (16.84 - 25.92)                       | 17.96             | (14.65 - 21.83)                     | 18.37             | (15.29 - 21.91)                     |
| Region 5b (Dona Ana)    | 19.81               | (15.91 - 24.38)                       | 17.56             | (14.21 - 21.50)                     | 17.97             | (14.94 - 21.46)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                             | 22.36               | (20.73 - 24.06)                       | 16.57             | (15.44 - 17.76)                     | 17.40             | (16.39 - 18.46)                     |
| Region 1: Long Island                       | 23.85               | (20.45 - 27.61)                       | 14.63             | (12.53 - 17.01)                     | 15.89             | (13.93 - 18.07)                     |
| Region 2: New York City                     | 20.70               | (18.75 - 22.80)                       | 16.90             | (15.39 - 18.52)                     | 17.43             | (16.06 - 18.88)                     |
| Region 2A (Bronx)                           | 17.18               | (14.07 - 20.80)                       | 16.31             | (13.62 - 19.41)                     | 16.45             | (14.04 - 19.19)                     |
| Region 2B (Kings)                           | 20.15               | (16.99 - 23.72)                       | 17.23             | (14.70 - 20.09)                     | 17.65             | (15.33 - 20.24)                     |
| Region 2C (New York)                        | 23.88               | (20.04 - 28.19)                       | 19.59             | (16.72 - 22.83)                     | 20.14             | (17.48 - 23.10)                     |
| Region 2D (Queens)                          | 20.80               | (17.44 - 24.61)                       | 14.95             | (12.58 - 17.67)                     | 15.69             | (13.46 - 18.22)                     |
| Region 2E (Richmond)                        | 24.70               | (20.23 - 29.79)                       | 16.23             | (13.20 - 19.80)                     | 17.40             | (14.53 - 20.70)                     |
| Region 3: Mid-Hudson                        | 22.45               | (18.94 - 26.39)                       | 14.65             | (12.42 - 17.21)                     | 15.78             | (13.71 - 18.09)                     |
| Region 4: Capital Region                    | 24.94               | (20.87 - 29.51)                       | 17.61             | (14.76 - 20.86)                     | 18.68             | (16.05 - 21.64)                     |
| Region 5: Mohawk Valley                     | *                   | (* - *)                               | 18.23             | (14.90 - 22.11)                     | 18.97             | (15.89 - 22.48)                     |
| Region 6: North Country                     | *                   | (* - *)                               | 18.78             | (15.47 - 22.61)                     | 19.39             | (16.30 - 22.91)                     |
| Region 7: Tug Hill Seaway                   | *                   | (* - *)                               | 18.80             | (15.53 - 22.58)                     | 19.57             | (16.60 - 22.92)                     |
| Region 8: Central                           | 22.91               | (19.08 - 27.26)                       | 18.25             | (15.46 - 21.42)                     | 19.00             | (16.46 - 21.83)                     |
| Region 9: Southern Tier                     | 26.21               | (21.76 - 31.21)                       | 19.51             | (16.13 - 23.40)                     | 20.77             | (17.68 - 24.24)                     |
| Region 10: Finger Lakes                     | 23.98               | (20.16 - 28.25)                       | 17.34             | (14.79 - 20.22)                     | 18.34             | (15.98 - 20.96)                     |
| Region 11: Western                          | 23.10               | (19.71 - 26.89)                       | 16.89             | (14.61 - 19.45)                     | 17.80             | (15.69 - 20.13)                     |
| <b>North Carolina</b>                       | 20.56               | (18.57 - 22.72)                       | 18.41             | (16.90 - 20.04)                     | 18.72             | (17.35 - 20.17)                     |
| Alliance Behavioral Healthcare 1            | 21.60               | (17.66 - 26.15)                       | 21.35             | (17.88 - 25.29)                     | 21.39             | (18.25 - 24.90)                     |
| Alliance Behavioral Healthcare 2            | 21.89               | (17.84 - 26.56)                       | 17.18             | (14.28 - 20.52)                     | 17.83             | (15.14 - 20.88)                     |
| Cardinal Innovations Healthcare Solutions 1 | 20.01               | (16.07 - 24.63)                       | 17.41             | (14.27 - 21.07)                     | 17.75             | (14.84 - 21.08)                     |
| Cardinal Innovations Healthcare Solutions 2 | 20.14               | (16.26 - 24.67)                       | 17.24             | (14.21 - 20.77)                     | 17.67             | (14.90 - 20.83)                     |
| Cardinal Innovations Healthcare Solutions 3 | 19.29               | (15.68 - 23.50)                       | 18.88             | (15.69 - 22.54)                     | 18.94             | (16.02 - 22.25)                     |
| CenterPoint Human Services                  | 19.69               | (15.95 - 24.05)                       | 17.81             | (14.59 - 21.57)                     | 18.07             | (15.10 - 21.47)                     |
| Eastpointe                                  | 18.00               | (14.67 - 21.89)                       | 17.10             | (14.13 - 20.53)                     | 17.22             | (14.53 - 20.30)                     |
| Partners Behavioral Health Management       | 21.38               | (17.42 - 25.95)                       | 20.13             | (16.56 - 24.25)                     | 20.29             | (17.02 - 24.01)                     |
| Sandhills Center 1                          | 19.61               | (15.79 - 24.10)                       | 18.48             | (15.04 - 22.50)                     | 18.63             | (15.45 - 22.30)                     |
| Sandhills Center 2                          | 20.53               | (16.62 - 25.09)                       | 18.23             | (15.05 - 21.91)                     | 18.59             | (15.66 - 21.91)                     |
| Smoky Mountain Center 1                     | 21.98               | (18.02 - 26.52)                       | 18.87             | (15.53 - 22.75)                     | 19.31             | (16.25 - 22.78)                     |
| Smoky Mountain Center 2                     | 22.27               | (18.17 - 26.99)                       | 18.50             | (15.25 - 22.26)                     | 18.91             | (15.86 - 22.39)                     |
| Trillium Health Resources 1                 | 20.06               | (16.29 - 24.45)                       | 17.47             | (14.41 - 21.02)                     | 17.88             | (15.09 - 21.05)                     |
| Trillium Health Resources 2                 | 21.78               | (17.80 - 26.37)                       | 18.71             | (15.25 - 22.74)                     | 19.21             | (16.06 - 22.82)                     |

See notes at end of table.

(continued)



**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 21.69               | (19.32 - 24.25)                       | 15.90             | (14.20 - 17.76)                     | 16.94             | (15.42 - 18.58)                     |
| Badlands and West Central     | 20.31               | (16.99 - 24.10)                       | 14.34             | (12.17 - 16.83)                     | 15.22             | (13.19 - 17.49)                     |
| Badlands                      | *                   | (* - *)                               | 16.72             | (13.36 - 20.74)                     | 17.52             | (14.38 - 21.17)                     |
| West Central                  | 19.80               | (16.00 - 24.24)                       | 13.65             | (11.19 - 16.55)                     | 14.54             | (12.23 - 17.21)                     |
| Lake Region                   | *                   | (* - *)                               | 15.02             | (11.98 - 18.67)                     | 16.26             | (13.42 - 19.57)                     |
| North Central                 | 21.75               | (17.61 - 26.55)                       | 17.07             | (13.95 - 20.73)                     | 17.90             | (15.05 - 21.16)                     |
| Northeast                     | 22.07               | (18.26 - 26.43)                       | 15.97             | (13.15 - 19.25)                     | 17.47             | (14.89 - 20.38)                     |
| Northwest                     | *                   | (* - *)                               | 16.29             | (13.06 - 20.14)                     | 17.19             | (14.13 - 20.75)                     |
| South Central                 | *                   | (* - *)                               | 15.30             | (12.26 - 18.92)                     | 16.16             | (13.31 - 19.49)                     |
| Southeast                     | 22.12               | (18.88 - 25.74)                       | 17.16             | (14.49 - 20.22)                     | 18.18             | (15.86 - 20.76)                     |
| <b>Ohio</b>                   | 23.21               | (21.32 - 25.21)                       | 19.67             | (18.34 - 21.07)                     | 20.16             | (18.96 - 21.43)                     |
| Boards 2, 46, 55, and 68      | 23.24               | (18.97 - 28.13)                       | 19.92             | (16.47 - 23.88)                     | 20.37             | (17.19 - 23.98)                     |
| Boards 3, 52, and 85          | *                   | (* - *)                               | 17.83             | (14.68 - 21.48)                     | 18.49             | (15.54 - 21.85)                     |
| Boards 4 and 78               | 22.91               | (18.67 - 27.79)                       | 20.35             | (16.86 - 24.36)                     | 20.67             | (17.43 - 24.33)                     |
| Boards 5 and 60               | 24.81               | (20.26 - 29.99)                       | 20.58             | (16.89 - 24.84)                     | 21.32             | (17.96 - 25.11)                     |
| Boards 7, 15, 41, 79, and 84  | 23.01               | (18.69 - 27.99)                       | 19.43             | (16.17 - 23.17)                     | 19.86             | (16.83 - 23.29)                     |
| Boards 8, 13, and 83          | *                   | (* - *)                               | 18.40             | (15.21 - 22.09)                     | 18.98             | (16.00 - 22.37)                     |
| Board 9 (Butler)              | *                   | (* - *)                               | 19.58             | (16.15 - 23.53)                     | 20.29             | (17.13 - 23.87)                     |
| Board 12                      | 24.00               | (19.80 - 28.77)                       | 19.67             | (16.19 - 23.70)                     | 20.34             | (17.14 - 23.97)                     |
| Boards 18 and 47              | 22.45               | (18.99 - 26.33)                       | 19.49             | (16.75 - 22.56)                     | 19.89             | (17.37 - 22.67)                     |
| Boards 20, 32, 54, and 69     | 22.76               | (18.53 - 27.63)                       | 18.55             | (15.36 - 22.23)                     | 19.11             | (16.12 - 22.50)                     |
| Boards 21, 39, 51, 70, and 80 | 24.93               | (20.50 - 29.96)                       | 19.84             | (16.33 - 23.89)                     | 20.49             | (17.21 - 24.22)                     |
| Boards 22, 74, and 87         | 23.08               | (19.06 - 27.66)                       | 19.44             | (16.11 - 23.26)                     | 19.98             | (16.92 - 23.44)                     |
| Boards 23 and 45              | 24.14               | (19.96 - 28.88)                       | 20.45             | (17.09 - 24.28)                     | 20.98             | (17.89 - 24.44)                     |
| Board 25 (Franklin)           | 24.15               | (20.51 - 28.21)                       | 21.12             | (17.95 - 24.68)                     | 21.58             | (18.73 - 24.74)                     |
| Boards 27, 71, and 73         | 22.48               | (18.49 - 27.04)                       | 21.73             | (18.00 - 25.99)                     | 21.83             | (18.40 - 25.70)                     |
| Boards 28, 43, and 67         | 22.74               | (18.63 - 27.45)                       | 17.86             | (14.81 - 21.40)                     | 18.56             | (15.72 - 21.78)                     |
| Board 31 (Hamilton)           | 22.59               | (18.69 - 27.04)                       | 19.14             | (16.20 - 22.47)                     | 19.64             | (16.92 - 22.67)                     |
| Board 48 (Lucas)              | 22.31               | (18.40 - 26.78)                       | 20.54             | (17.07 - 24.51)                     | 20.80             | (17.63 - 24.39)                     |
| Boards 50 and 76              | 22.03               | (18.14 - 26.48)                       | 18.76             | (15.71 - 22.26)                     | 19.19             | (16.37 - 22.36)                     |
| Board 57 (Montgomery)         | 23.16               | (19.18 - 27.68)                       | 20.63             | (17.16 - 24.60)                     | 20.98             | (17.79 - 24.56)                     |
| Board 77 (Summit)             | 23.50               | (19.39 - 28.17)                       | 18.63             | (15.51 - 22.21)                     | 19.27             | (16.36 - 22.56)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 21.08               | (18.56 - 23.84)                       | 18.83             | (17.00 - 20.81)                     | 19.17             | (17.51 - 20.94)                     |
| Central                               | 24.12               | (19.75 - 29.11)                       | 19.65             | (16.32 - 23.47)                     | 20.37             | (17.32 - 23.80)                     |
| East Central                          | 21.18               | (17.06 - 25.99)                       | 18.23             | (14.95 - 22.03)                     | 18.65             | (15.64 - 22.08)                     |
| Northeast                             | 20.54               | (16.50 - 25.27)                       | 17.54             | (14.32 - 21.31)                     | 18.03             | (15.07 - 21.43)                     |
| Northwest and Southwest               | 20.81               | (16.85 - 25.41)                       | 19.00             | (15.71 - 22.79)                     | 19.28             | (16.27 - 22.69)                     |
| Oklahoma County                       | 19.49               | (15.69 - 23.96)                       | 18.71             | (15.58 - 22.29)                     | 18.82             | (15.96 - 22.05)                     |
| Southeast                             | 20.85               | (16.71 - 25.70)                       | 19.68             | (16.35 - 23.51)                     | 19.85             | (16.79 - 23.30)                     |
| Tulsa County                          | 21.16               | (17.23 - 25.71)                       | 18.90             | (15.78 - 22.48)                     | 19.22             | (16.36 - 22.46)                     |
| <b>Oregon</b>                         | 27.77               | (24.93 - 30.81)                       | 22.41             | (20.40 - 24.57)                     | 23.13             | (21.28 - 25.08)                     |
| Region 1 (Multnomah)                  | 28.23               | (23.44 - 33.57)                       | 25.15             | (21.58 - 29.10)                     | 25.54             | (22.23 - 29.16)                     |
| Region 2                              | 26.22               | (22.00 - 30.93)                       | 19.57             | (16.69 - 22.81)                     | 20.42             | (17.76 - 23.37)                     |
| Region 3                              | 28.95               | (24.97 - 33.28)                       | 23.83             | (20.54 - 27.47)                     | 24.61             | (21.62 - 27.86)                     |
| Region 4                              | 28.82               | (24.01 - 34.16)                       | 21.86             | (18.36 - 25.80)                     | 22.67             | (19.42 - 26.28)                     |
| Region 5 (Central)                    | *                   | (* - *)                               | 20.22             | (16.30 - 24.79)                     | 21.01             | (17.32 - 25.26)                     |
| Region 6 (Eastern)                    | *                   | (* - *)                               | 20.50             | (16.63 - 24.99)                     | 20.94             | (17.35 - 25.05)                     |
| <b>Pennsylvania</b>                   | 21.97               | (20.17 - 23.89)                       | 17.87             | (16.56 - 19.26)                     | 18.43             | (17.25 - 19.68)                     |
| Region 1 (Allegheny)                  | 23.78               | (19.80 - 28.28)                       | 18.56             | (15.65 - 21.88)                     | 19.22             | (16.52 - 22.24)                     |
| Regions 3, 8, 9, and 51               | 23.69               | (19.61 - 28.32)                       | 18.08             | (15.09 - 21.51)                     | 18.84             | (16.07 - 21.96)                     |
| Regions 4, 11, 37, and 49             | 20.66               | (16.98 - 24.90)                       | 17.34             | (14.34 - 20.80)                     | 17.78             | (15.00 - 20.95)                     |
| Regions 5, 18, 23, 24, and 46         | 23.28               | (19.48 - 27.57)                       | 18.12             | (15.19 - 21.48)                     | 18.78             | (16.06 - 21.85)                     |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 21.24               | (17.59 - 25.40)                       | 17.92             | (14.89 - 21.40)                     | 18.52             | (15.79 - 21.59)                     |
| Regions 7, 13, 20, and 33             | 21.36               | (18.18 - 24.93)                       | 16.02             | (13.78 - 18.55)                     | 16.71             | (14.66 - 18.99)                     |
| Regions 10, 15, 27, 32, 43, and 44    | 20.90               | (17.02 - 25.41)                       | 16.98             | (13.86 - 20.65)                     | 17.46             | (14.53 - 20.82)                     |
| Regions 17 and 21                     | 21.66               | (17.60 - 26.36)                       | 19.20             | (15.81 - 23.12)                     | 19.57             | (16.49 - 23.06)                     |
| Regions 19, 26, 28, and 42            | 22.90               | (19.33 - 26.91)                       | 20.10             | (17.23 - 23.32)                     | 20.47             | (17.83 - 23.38)                     |
| Regions 22, 38, 40, 41, and 48        | 20.90               | (17.16 - 25.22)                       | 16.64             | (13.77 - 19.97)                     | 17.12             | (14.43 - 20.20)                     |
| Regions 29 and 34                     | 20.92               | (17.08 - 25.36)                       | 16.29             | (13.37 - 19.69)                     | 16.92             | (14.22 - 20.02)                     |
| Regions 30 and 50                     | 21.26               | (17.39 - 25.73)                       | 17.11             | (14.12 - 20.58)                     | 17.63             | (14.84 - 20.82)                     |
| Region 36 (Philadelphia)              | 22.12               | (18.67 - 26.00)                       | 20.05             | (17.00 - 23.48)                     | 20.40             | (17.67 - 23.42)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                     | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 23.23               | (20.41 - 26.31)                       | 20.14             | (18.02 - 22.45)                     | 20.62             | (18.70 - 22.69)                     |
| Region 1: Southern Providence<br>County                   | 22.34               | (17.97 - 27.41)                       | 18.72             | (15.39 - 22.57)                     | 19.20             | (16.10 - 22.72)                     |
| Region 2: Northern Providence<br>County/Blackstone Valley | 21.69               | (17.72 - 26.27)                       | 20.19             | (16.70 - 24.21)                     | 20.39             | (17.18 - 24.03)                     |
| Region 3: Providence                                      | 23.78               | (19.42 - 28.77)                       | 24.31             | (20.03 - 29.16)                     | 24.15             | (20.54 - 28.16)                     |
| Region 4: Kent County                                     | 23.26               | (18.84 - 28.35)                       | 19.10             | (15.82 - 22.88)                     | 19.58             | (16.51 - 23.07)                     |
| Region 5: East Bay                                        | 24.32               | (19.56 - 29.81)                       | 21.09             | (17.18 - 25.61)                     | 21.53             | (17.92 - 25.64)                     |
| Region 6: Newport County                                  | *                   | (* - *)                               | 19.28             | (15.75 - 23.38)                     | 20.04             | (16.70 - 23.86)                     |
| Region 7: South County                                    | 23.41               | (18.93 - 28.57)                       | 18.54             | (15.26 - 22.33)                     | 19.37             | (16.36 - 22.79)                     |
| <b>South Carolina</b>                                     | 20.32               | (17.87 - 23.02)                       | 17.62             | (15.88 - 19.50)                     | 18.00             | (16.40 - 19.71)                     |
| Region 1                                                  | 20.14               | (16.71 - 24.06)                       | 17.49             | (14.75 - 20.61)                     | 17.86             | (15.35 - 20.68)                     |
| Region 2                                                  | 19.86               | (16.25 - 24.05)                       | 17.79             | (14.99 - 20.99)                     | 18.10             | (15.54 - 20.97)                     |
| Region 3                                                  | 19.57               | (15.88 - 23.88)                       | 16.82             | (13.99 - 20.09)                     | 17.18             | (14.53 - 20.19)                     |
| Region 4                                                  | 21.44               | (17.71 - 25.70)                       | 18.13             | (15.44 - 21.17)                     | 18.59             | (16.10 - 21.36)                     |
| <b>South Dakota</b>                                       | 20.21               | (17.83 - 22.82)                       | 16.55             | (14.87 - 18.39)                     | 17.09             | (15.56 - 18.74)                     |
| Region 1                                                  | 21.63               | (17.77 - 26.07)                       | 17.15             | (14.48 - 20.18)                     | 17.78             | (15.31 - 20.56)                     |
| Region 2                                                  | 19.88               | (15.72 - 24.81)                       | 15.92             | (12.87 - 19.54)                     | 16.46             | (13.60 - 19.78)                     |
| Region 3                                                  | 19.42               | (15.89 - 23.51)                       | 15.20             | (12.57 - 18.26)                     | 15.90             | (13.52 - 18.61)                     |
| Region 4                                                  | 20.01               | (16.20 - 24.45)                       | 15.94             | (13.00 - 19.39)                     | 16.59             | (13.88 - 19.70)                     |
| Region 5                                                  | 19.95               | (16.50 - 23.92)                       | 17.63             | (14.94 - 20.70)                     | 17.95             | (15.47 - 20.73)                     |
| <b>Tennessee</b>                                          | 20.68               | (18.29 - 23.29)                       | 19.46             | (17.60 - 21.47)                     | 19.63             | (17.95 - 21.44)                     |
| Region 1                                                  | 22.24               | (18.11 - 27.00)                       | 19.77             | (16.10 - 24.04)                     | 20.08             | (16.68 - 23.97)                     |
| Region 2                                                  | 22.28               | (18.27 - 26.88)                       | 20.55             | (17.43 - 24.07)                     | 20.78             | (17.92 - 23.96)                     |
| Region 3                                                  | 20.32               | (16.33 - 25.00)                       | 18.47             | (15.28 - 22.14)                     | 18.72             | (15.78 - 22.06)                     |
| Region 4 (Davidson)                                       | 20.70               | (16.63 - 25.46)                       | 19.53             | (15.99 - 23.64)                     | 19.71             | (16.44 - 23.44)                     |
| Region 5                                                  | 21.43               | (17.62 - 25.80)                       | 20.18             | (17.07 - 23.71)                     | 20.36             | (17.51 - 23.53)                     |
| Region 6                                                  | 19.90               | (15.95 - 24.53)                       | 20.33             | (16.65 - 24.60)                     | 20.27             | (16.88 - 24.14)                     |
| Region 7 (Shelby)                                         | 17.91               | (14.47 - 21.97)                       | 16.94             | (13.87 - 20.52)                     | 17.09             | (14.34 - 20.25)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                    | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                             | 18.69               | (17.23 - 20.25)                       | 15.42             | (14.40 - 16.50)                     | 15.93             | (15.03 - 16.88)                     |
| Region 1                                                 | 19.12               | (15.57 - 23.25)                       | 17.51             | (14.59 - 20.86)                     | 17.78             | (15.14 - 20.76)                     |
| Region 2                                                 | 19.59               | (15.90 - 23.88)                       | 18.53             | (15.24 - 22.36)                     | 18.70             | (15.69 - 22.12)                     |
| Region 3                                                 | 17.68               | (15.50 - 20.09)                       | 14.34             | (12.86 - 15.95)                     | 14.82             | (13.47 - 16.28)                     |
| Region 3a                                                | 17.61               | (14.92 - 20.68)                       | 13.73             | (11.94 - 15.74)                     | 14.30             | (12.65 - 16.12)                     |
| Region 3bc                                               | 17.79               | (14.76 - 21.28)                       | 15.41             | (13.25 - 17.85)                     | 15.76             | (13.77 - 17.98)                     |
| Region 4                                                 | 18.23               | (14.90 - 22.10)                       | 17.86             | (15.02 - 21.09)                     | 17.91             | (15.31 - 20.84)                     |
| Region 5                                                 | 17.59               | (14.19 - 21.59)                       | 14.98             | (12.25 - 18.20)                     | 15.37             | (12.85 - 18.28)                     |
| Region 6                                                 | 19.81               | (17.23 - 22.66)                       | 15.28             | (13.53 - 17.22)                     | 15.96             | (14.38 - 17.68)                     |
| Region 6a                                                | 19.98               | (17.21 - 23.06)                       | 15.25             | (13.36 - 17.36)                     | 15.97             | (14.27 - 17.83)                     |
| Region 6bc                                               | 18.24               | (14.71 - 22.38)                       | 15.55             | (12.58 - 19.07)                     | 15.92             | (13.19 - 19.09)                     |
| Region 7                                                 | 21.35               | (18.55 - 24.44)                       | 17.34             | (15.31 - 19.57)                     | 18.02             | (16.19 - 20.02)                     |
| Region 7a                                                | 22.07               | (18.46 - 26.17)                       | 17.03             | (14.55 - 19.84)                     | 17.80             | (15.51 - 20.35)                     |
| Region 7bcd                                              | 20.39               | (16.85 - 24.45)                       | 17.92             | (15.02 - 21.23)                     | 18.41             | (15.83 - 21.31)                     |
| Region 8                                                 | 18.22               | (15.29 - 21.57)                       | 15.40             | (13.18 - 17.91)                     | 15.83             | (13.82 - 18.08)                     |
| Region 9                                                 | 18.63               | (15.09 - 22.77)                       | 16.39             | (13.20 - 20.17)                     | 16.74             | (13.84 - 20.10)                     |
| Region 10                                                | 17.94               | (14.47 - 22.04)                       | 14.31             | (11.58 - 17.57)                     | 14.94             | (12.43 - 17.86)                     |
| Region 11                                                | 15.50               | (13.16 - 18.16)                       | 13.95             | (11.92 - 16.26)                     | 14.21             | (12.38 - 16.26)                     |
| Region 11abd                                             | 15.37               | (12.49 - 18.78)                       | 14.09             | (11.60 - 17.00)                     | 14.30             | (12.04 - 16.90)                     |
| Region 11c (Hidalgo)                                     | 15.69               | (12.58 - 19.41)                       | 13.71             | (10.99 - 16.97)                     | 14.06             | (11.61 - 16.92)                     |
| <b>Utah</b>                                              | 25.11               | (22.47 - 27.94)                       | 21.04             | (19.14 - 23.08)                     | 21.79             | (20.07 - 23.61)                     |
| Bear River, Northeastern,<br>Summit, Tooele, and Wasatch | 24.18               | (19.54 - 29.52)                       | 20.87             | (17.33 - 24.91)                     | 21.50             | (18.28 - 25.11)                     |
| Central, Four Corners, San Juan,<br>and Southwest        | 23.39               | (19.61 - 27.65)                       | 20.15             | (17.11 - 23.57)                     | 20.71             | (17.95 - 23.79)                     |
| Central, Four Corners, and<br>San Juan                   | *                   | (* - *)                               | 19.45             | (15.76 - 23.75)                     | 20.04             | (16.64 - 23.94)                     |
| Southwest                                                | 23.68               | (19.13 - 28.92)                       | 20.58             | (16.80 - 24.96)                     | 21.13             | (17.70 - 25.02)                     |
| Davis County                                             | 24.26               | (19.60 - 29.60)                       | 20.86             | (17.30 - 24.93)                     | 21.43             | (18.17 - 25.10)                     |
| Salt Lake County                                         | 24.85               | (21.19 - 28.92)                       | 20.99             | (18.40 - 23.83)                     | 21.61             | (19.25 - 24.18)                     |
| Utah County                                              | 27.23               | (22.93 - 32.00)                       | 21.84             | (18.41 - 25.69)                     | 23.19             | (20.17 - 26.51)                     |
| Weber, Morgan                                            | 24.50               | (19.94 - 29.72)                       | 21.52             | (17.93 - 25.60)                     | 22.01             | (18.70 - 25.72)                     |

See notes at end of table.

(continued)

**Table 11** *Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                 | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 26.18               | (23.29 - 29.29)                       | 19.97             | (17.95 - 22.15)                     | 20.89             | (19.04 - 22.86)                     |
| Champlain Valley                      | 26.55               | (22.68 - 30.83)                       | 18.61             | (15.90 - 21.66)                     | 19.99             | (17.54 - 22.68)                     |
| Rural Northeast                       | 25.54               | (21.00 - 30.68)                       | 22.37             | (18.70 - 26.52)                     | 22.81             | (19.43 - 26.58)                     |
| Rural Southeast                       | 25.01               | (20.57 - 30.05)                       | 19.70             | (16.48 - 23.38)                     | 20.34             | (17.31 - 23.74)                     |
| Rural Southwest                       | 27.22               | (22.23 - 32.85)                       | 20.06             | (16.60 - 24.04)                     | 21.07             | (17.84 - 24.70)                     |
| <b>Virginia</b>                       | 22.35               | (20.10 - 24.78)                       | 19.17             | (17.58 - 20.86)                     | 19.62             | (18.18 - 21.14)                     |
| Region 1                              | 23.59               | (19.70 - 27.98)                       | 19.64             | (16.76 - 22.88)                     | 20.26             | (17.60 - 23.20)                     |
| Region 2                              | 22.81               | (19.41 - 26.60)                       | 18.91             | (16.28 - 21.86)                     | 19.37             | (16.94 - 22.06)                     |
| Region 3                              | 22.94               | (19.29 - 27.04)                       | 22.13             | (18.85 - 25.80)                     | 22.25             | (19.31 - 25.48)                     |
| Region 4                              | 21.50               | (17.81 - 25.72)                       | 17.89             | (15.14 - 21.00)                     | 18.41             | (15.88 - 21.23)                     |
| Region 5                              | 21.23               | (17.68 - 25.26)                       | 17.90             | (15.31 - 20.83)                     | 18.42             | (16.07 - 21.03)                     |
| <b>Washington</b>                     | 24.72               | (22.12 - 27.53)                       | 19.85             | (17.94 - 21.92)                     | 20.52             | (18.78 - 22.39)                     |
| Region 1                              | 23.41               | (19.91 - 27.32)                       | 19.93             | (17.05 - 23.16)                     | 20.48             | (17.88 - 23.36)                     |
| Greater Columbia and North<br>Central | 22.96               | (18.74 - 27.81)                       | 19.74             | (16.19 - 23.85)                     | 20.29             | (17.08 - 23.92)                     |
| Spokane                               | 24.19               | (19.61 - 29.46)                       | 20.19             | (16.51 - 24.44)                     | 20.76             | (17.36 - 24.62)                     |
| Region 2                              | 25.05               | (21.77 - 28.65)                       | 19.68             | (17.27 - 22.33)                     | 20.37             | (18.16 - 22.78)                     |
| King                                  | 25.34               | (21.31 - 29.83)                       | 19.26             | (16.34 - 22.56)                     | 20.02             | (17.32 - 23.03)                     |
| North Sound                           | 24.59               | (20.33 - 29.40)                       | 20.43             | (17.08 - 24.24)                     | 21.00             | (17.92 - 24.44)                     |
| Region 3                              | 25.31               | (22.11 - 28.80)                       | 20.06             | (17.67 - 22.68)                     | 20.77             | (18.56 - 23.17)                     |
| Pierce                                | 25.79               | (21.49 - 30.62)                       | 20.36             | (17.13 - 24.02)                     | 21.15             | (18.15 - 24.49)                     |
| Salish                                | *                   | (* - *)                               | 19.37             | (15.70 - 23.67)                     | 20.17             | (16.73 - 24.11)                     |
| SW WA and Great Rivers                | 24.98               | (20.22 - 30.43)                       | 20.49             | (16.67 - 24.93)                     | 21.07             | (17.52 - 25.12)                     |
| Thurston-Mason                        | *                   | (* - *)                               | *                 | (* - *)                             | 19.87             | (16.40 - 23.87)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 21.46               | (18.86 - 24.30)                       | 20.88             | (18.77 - 23.16)                     | 20.96             | (19.03 - 23.01)                     |
| Region I                      | *                   | (* - *)                               | 20.17             | (16.35 - 24.62)                     | 20.40             | (16.86 - 24.45)                     |
| Region II                     | 20.49               | (16.42 - 25.26)                       | 18.86             | (15.65 - 22.56)                     | 19.07             | (16.08 - 22.48)                     |
| Region III                    | 22.26               | (17.95 - 27.27)                       | 20.57             | (16.70 - 25.08)                     | 20.77             | (17.15 - 24.91)                     |
| Region IV                     | 23.02               | (19.04 - 27.55)                       | 21.22             | (17.92 - 24.95)                     | 21.52             | (18.55 - 24.82)                     |
| Region V                      | 20.65               | (17.01 - 24.83)                       | 20.55             | (17.29 - 24.24)                     | 20.56             | (17.58 - 23.91)                     |
| Region VI                     | 20.11               | (16.42 - 24.39)                       | 22.98             | (19.44 - 26.94)                     | 22.66             | (19.43 - 26.26)                     |
| <b>Wisconsin</b>              | 22.42               | (19.91 - 25.16)                       | 17.47             | (15.63 - 19.47)                     | 18.17             | (16.49 - 19.99)                     |
| Milwaukee                     | 19.68               | (16.12 - 23.80)                       | 17.80             | (14.79 - 21.28)                     | 18.11             | (15.41 - 21.17)                     |
| Northeastern                  | 21.89               | (17.87 - 26.52)                       | 16.56             | (13.71 - 19.87)                     | 17.26             | (14.62 - 20.28)                     |
| Northern                      | 22.52               | (18.16 - 27.57)                       | 18.07             | (14.57 - 22.19)                     | 18.63             | (15.35 - 22.42)                     |
| Southeastern                  | 24.01               | (19.76 - 28.85)                       | 17.08             | (14.16 - 20.46)                     | 18.01             | (15.29 - 21.09)                     |
| Southern                      | 23.02               | (19.13 - 27.43)                       | 17.85             | (14.89 - 21.25)                     | 18.58             | (15.86 - 21.65)                     |
| Western                       | 23.78               | (19.49 - 28.68)                       | 18.19             | (14.92 - 21.99)                     | 19.04             | (16.00 - 22.50)                     |
| <b>Wyoming</b>                | 23.73               | (21.07 - 26.62)                       | 18.99             | (17.14 - 20.99)                     | 19.67             | (17.96 - 21.50)                     |
| Judicial District 1 (Laramie) | 23.74               | (19.32 - 28.82)                       | 20.56             | (17.18 - 24.41)                     | 20.99             | (17.86 - 24.50)                     |
| Judicial District 2           | 24.94               | (20.60 - 29.85)                       | 20.50             | (17.04 - 24.47)                     | 21.68             | (18.62 - 25.09)                     |
| Judicial District 3           | 23.16               | (18.82 - 28.15)                       | 19.12             | (15.93 - 22.76)                     | 19.67             | (16.69 - 23.04)                     |
| Judicial District 4           | *                   | (* - *)                               | 17.45             | (14.00 - 21.54)                     | 18.21             | (14.93 - 22.03)                     |
| Judicial District 5           | 24.14               | (19.35 - 29.68)                       | 17.31             | (14.15 - 21.01)                     | 18.15             | (15.14 - 21.60)                     |
| Judicial District 6           | 23.50               | (19.19 - 28.43)                       | 18.47             | (15.21 - 22.24)                     | 19.17             | (16.13 - 22.62)                     |
| Judicial District 7 (Natrona) | 22.31               | (18.15 - 27.12)                       | 19.20             | (15.94 - 22.96)                     | 19.62             | (16.60 - 23.04)                     |
| Judicial District 8           | 22.72               | (18.24 - 27.93)                       | 16.86             | (13.57 - 20.75)                     | 17.60             | (14.51 - 21.19)                     |
| Judicial District 9           | 24.32               | (19.77 - 29.54)                       | 19.30             | (15.89 - 23.24)                     | 19.91             | (16.71 - 23.55)                     |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: Any mental illness (AMI) is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, assessed by the Mental Health Surveillance Study (MHSS) *Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders—Fourth Edition—Research Version—Axis I Disorders* (MHSS-SCID), which is based on the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV). For details, see Section B of the "2015-2016 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 12** *Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs*

| State/Substate Region      | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 12.16               | (11.79 - 12.55)                       | 14.85             | (14.56 - 15.14)                     | 14.47             | (14.21 - 14.73)                     |
| <b>Northeast</b>           | 13.51               | (12.79 - 14.26)                       | 16.20             | (15.56 - 16.86)                     | 15.83             | (15.26 - 16.41)                     |
| <b>Midwest</b>             | 14.28               | (13.65 - 14.94)                       | 16.28             | (15.74 - 16.82)                     | 15.99             | (15.52 - 16.48)                     |
| <b>South</b>               | 10.99               | (10.51 - 11.49)                       | 14.12             | (13.67 - 14.58)                     | 13.68             | (13.28 - 14.08)                     |
| <b>West</b>                | 11.11               | (10.49 - 11.76)                       | 13.69             | (13.15 - 14.24)                     | 13.31             | (12.83 - 13.80)                     |
| <b>Alabama</b>             | 11.31               | (9.57 - 13.33)                        | 14.42             | (12.79 - 16.21)                     | 13.97             | (12.50 - 15.59)                     |
| Region 1                   | 10.65               | (8.26 - 13.62)                        | 14.31             | (11.95 - 17.05)                     | 13.84             | (11.68 - 16.33)                     |
| Region 2                   | 12.21               | (9.71 - 15.25)                        | 14.80             | (12.44 - 17.51)                     | 14.42             | (12.28 - 16.86)                     |
| Region 3                   | 10.29               | (7.93 - 13.26)                        | 13.50             | (11.08 - 16.36)                     | 12.95             | (10.79 - 15.48)                     |
| Region 4                   | 11.78               | (9.14 - 15.07)                        | 14.71             | (12.20 - 17.64)                     | 14.33             | (12.02 - 17.00)                     |
| <b>Alaska</b>              | 13.32               | (11.32 - 15.61)                       | 13.71             | (12.11 - 15.48)                     | 13.65             | (12.19 - 15.25)                     |
| Anchorage                  | 13.71               | (11.14 - 16.75)                       | 14.21             | (12.08 - 16.64)                     | 14.13             | (12.21 - 16.29)                     |
| Northern                   | 12.12               | (9.36 - 15.57)                        | 12.33             | (10.08 - 15.00)                     | 12.29             | (10.21 - 14.71)                     |
| South Central              | 14.03               | (10.90 - 17.88)                       | 13.73             | (11.33 - 16.55)                     | 13.78             | (11.55 - 16.35)                     |
| Southeast                  | 13.04               | (9.94 - 16.91)                        | 14.47             | (11.77 - 17.67)                     | 14.29             | (11.78 - 17.23)                     |
| <b>Arizona</b>             | 9.96                | (8.24 - 12.00)                        | 12.84             | (11.36 - 14.49)                     | 12.42             | (11.08 - 13.90)                     |
| Central                    | 9.90                | (7.88 - 12.38)                        | 12.73             | (10.98 - 14.73)                     | 12.32             | (10.74 - 14.09)                     |
| North                      | 11.34               | (8.49 - 14.98)                        | 12.82             | (10.27 - 15.88)                     | 12.61             | (10.26 - 15.41)                     |
| South                      | 9.54                | (7.49 - 12.08)                        | 13.09             | (11.02 - 15.47)                     | 12.57             | (10.69 - 14.72)                     |
| South A                    | 10.43               | (7.85 - 13.74)                        | 14.11             | (11.53 - 17.16)                     | 13.58             | (11.22 - 16.33)                     |
| South B                    | 8.46                | (6.23 - 11.41)                        | 11.82             | (9.46 - 14.68)                      | 11.32             | (9.19 - 13.88)                      |
| <b>Arkansas</b>            | 13.39               | (11.47 - 15.58)                       | 15.90             | (14.17 - 17.81)                     | 15.54             | (13.95 - 17.28)                     |
| Catchment Area 1           | 14.13               | (10.91 - 18.12)                       | 15.74             | (12.91 - 19.06)                     | 15.48             | (12.87 - 18.51)                     |
| Catchment Area 2           | 15.20               | (11.87 - 19.26)                       | 16.99             | (13.97 - 20.50)                     | 16.77             | (13.98 - 19.99)                     |
| Catchment Area 3           | 13.14               | (10.14 - 16.86)                       | 16.60             | (13.75 - 19.91)                     | 16.10             | (13.49 - 19.10)                     |
| Catchment Area 4           | 12.89               | (9.94 - 16.55)                        | 16.23             | (13.23 - 19.75)                     | 15.77             | (13.02 - 18.98)                     |
| Catchment Area 5           | 14.43               | (11.33 - 18.21)                       | 16.31             | (13.51 - 19.55)                     | 16.00             | (13.46 - 18.93)                     |
| Catchment Area 6           | 10.13               | (7.69 - 13.24)                        | 13.57             | (10.99 - 16.64)                     | 13.07             | (10.73 - 15.84)                     |
| Catchment Area 7           | *                   | (* - *)                               | 15.01             | (12.16 - 18.39)                     | 14.58             | (11.95 - 17.67)                     |
| Catchment Area 8           | 12.92               | (10.01 - 16.51)                       | 15.61             | (12.93 - 18.73)                     | 15.26             | (12.79 - 18.11)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 9.43                | (8.49 - 10.47)                        | 12.15             | (11.35 - 13.01)                     | 11.75             | (11.03 - 12.51)                     |
| Region 1R                   | 11.31               | (8.84 - 14.38)                        | 14.37             | (11.94 - 17.18)                     | 13.93             | (11.74 - 16.46)                     |
| Region 2R                   | 12.05               | (9.46 - 15.22)                        | 14.70             | (12.27 - 17.52)                     | 14.30             | (12.10 - 16.83)                     |
| Region 3R (Sacramento)      | 8.71                | (6.77 - 11.14)                        | 13.02             | (10.93 - 15.43)                     | 12.39             | (10.51 - 14.55)                     |
| Region 4R                   | 10.82               | (8.43 - 13.79)                        | 13.65             | (11.43 - 16.22)                     | 13.29             | (11.24 - 15.65)                     |
| Region 5R (San Francisco)   | 10.66               | (8.30 - 13.60)                        | 14.42             | (11.98 - 17.25)                     | 14.05             | (11.78 - 16.69)                     |
| Region 6 (Santa Clara)      | 10.67               | (8.42 - 13.44)                        | 11.28             | (9.43 - 13.44)                      | 11.21             | (9.49 - 13.18)                      |
| Region 7R (Contra Costa)    | 10.57               | (8.23 - 13.48)                        | 12.74             | (10.59 - 15.25)                     | 12.45             | (10.46 - 14.77)                     |
| Region 8R (Alameda)         | 10.74               | (8.46 - 13.55)                        | 13.18             | (11.07 - 15.63)                     | 12.86             | (10.92 - 15.08)                     |
| Region 9R (San Mateo)       | 10.71               | (8.26 - 13.77)                        | 12.26             | (10.04 - 14.89)                     | 12.09             | (10.02 - 14.52)                     |
| Region 10                   | 10.40               | (8.04 - 13.36)                        | 13.45             | (11.10 - 16.21)                     | 12.94             | (10.82 - 15.41)                     |
| Region 11 (Los Angeles)     | 8.91                | (7.76 - 10.22)                        | 11.58             | (10.50 - 12.75)                     | 11.18             | (10.22 - 12.21)                     |
| LA SPA 1 and 5              | 11.43               | (8.81 - 14.72)                        | 14.22             | (11.82 - 17.01)                     | 13.80             | (11.59 - 16.34)                     |
| LA SPA 2                    | 10.79               | (8.49 - 13.62)                        | 13.21             | (11.07 - 15.68)                     | 12.87             | (10.92 - 15.11)                     |
| LA SPA 3                    | 8.32                | (6.44 - 10.67)                        | 10.01             | (8.24 - 12.12)                      | 9.76              | (8.15 - 11.66)                      |
| LA SPA 4                    | 8.49                | (6.51 - 11.00)                        | 12.54             | (10.29 - 15.21)                     | 12.00             | (9.96 - 14.41)                      |
| LA SPA 6                    | 6.46                | (4.88 - 8.51)                         | 8.17              | (6.62 - 10.05)                      | 7.82              | (6.45 - 9.47)                       |
| LA SPA 7                    | 7.00                | (5.36 - 9.08)                         | 9.11              | (7.43 - 11.12)                      | 8.76              | (7.26 - 10.53)                      |
| LA SPA 8                    | 9.31                | (7.23 - 11.91)                        | 12.29             | (10.24 - 14.70)                     | 11.87             | (10.01 - 14.02)                     |
| Region 12R                  | 8.53                | (6.64 - 10.90)                        | 11.30             | (9.26 - 13.73)                      | 10.87             | (9.03 - 13.03)                      |
| Regions 13 and 19R          | 8.33                | (6.56 - 10.53)                        | 11.76             | (9.88 - 13.93)                      | 11.18             | (9.52 - 13.10)                      |
| Region 14 (Orange)          | 9.07                | (7.11 - 11.51)                        | 11.27             | (9.41 - 13.44)                      | 10.95             | (9.27 - 12.90)                      |
| Region 15R (Fresno)         | 8.62                | (6.72 - 10.99)                        | 11.02             | (9.04 - 13.36)                      | 10.59             | (8.84 - 12.63)                      |
| Region 16R (San Diego)      | 10.01               | (7.95 - 12.53)                        | 12.53             | (10.81 - 14.48)                     | 12.14             | (10.58 - 13.90)                     |
| Region 17R                  | 8.81                | (6.97 - 11.07)                        | 11.74             | (9.83 - 13.98)                      | 11.22             | (9.54 - 13.16)                      |
| Region 18R (San Bernardino) | 8.33                | (6.52 - 10.57)                        | 10.93             | (9.15 - 13.01)                      | 10.48             | (8.89 - 12.31)                      |
| Region 20R                  | 8.16                | (6.31 - 10.50)                        | 11.81             | (9.80 - 14.18)                      | 11.19             | (9.40 - 13.28)                      |
| Region 21R                  | 10.33               | (7.93 - 13.36)                        | 12.62             | (10.43 - 15.18)                     | 12.23             | (10.24 - 14.55)                     |

See notes at end of table.

(continued)



**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 13.74               | (11.75 - 16.00)                       | 15.84             | (14.20 - 17.63)                     | 15.54             | (14.03 - 17.18)                     |
| Region 1                                  | 13.79               | (10.63 - 17.71)                       | 15.73             | (13.12 - 18.75)                     | 15.45             | (13.03 - 18.23)                     |
| Region 2                                  | 14.01               | (10.69 - 18.15)                       | 15.80             | (12.85 - 19.26)                     | 15.52             | (12.79 - 18.70)                     |
| Region 3                                  | 13.65               | (10.83 - 17.06)                       | 14.84             | (12.52 - 17.52)                     | 14.68             | (12.54 - 17.12)                     |
| Region 4                                  | 12.50               | (9.52 - 16.23)                        | 15.21             | (12.37 - 18.56)                     | 14.83             | (12.20 - 17.92)                     |
| Region 5                                  | 12.28               | (9.41 - 15.88)                        | 15.58             | (12.90 - 18.69)                     | 15.13             | (12.67 - 17.98)                     |
| Region 6                                  | 15.23               | (11.93 - 19.24)                       | 17.41             | (14.62 - 20.59)                     | 17.10             | (14.55 - 20.00)                     |
| Region 7                                  | 13.72               | (10.60 - 17.58)                       | 16.52             | (13.70 - 19.78)                     | 16.06             | (13.49 - 19.03)                     |
| <b>Connecticut</b>                        | 15.13               | (13.02 - 17.50)                       | 17.13             | (15.33 - 19.10)                     | 16.85             | (15.20 - 18.65)                     |
| Eastern                                   | 16.08               | (12.52 - 20.42)                       | 18.10             | (15.00 - 21.67)                     | 17.74             | (14.92 - 20.97)                     |
| North Central                             | 15.09               | (12.09 - 18.68)                       | 17.40             | (14.71 - 20.45)                     | 17.09             | (14.65 - 19.85)                     |
| Northwestern                              | 14.10               | (10.96 - 17.96)                       | 16.42             | (13.62 - 19.67)                     | 16.13             | (13.53 - 19.12)                     |
| South Central                             | 15.97               | (12.64 - 19.97)                       | 18.24             | (15.24 - 21.67)                     | 17.92             | (15.18 - 21.03)                     |
| Southwest                                 | 14.15               | (11.03 - 17.98)                       | 15.44             | (12.55 - 18.86)                     | 15.27             | (12.60 - 18.38)                     |
| <b>Delaware</b>                           | 12.42               | (10.54 - 14.59)                       | 16.05             | (14.20 - 18.10)                     | 15.56             | (13.88 - 17.40)                     |
| Kent                                      | 11.22               | (8.65 - 14.44)                        | 15.76             | (13.05 - 18.90)                     | 15.06             | (12.61 - 17.89)                     |
| New Castle (excluding<br>Wilmington City) | 13.55               | (11.07 - 16.48)                       | 16.74             | (14.35 - 19.45)                     | 16.28             | (14.13 - 18.69)                     |
| Sussex                                    | 12.17               | (9.36 - 15.67)                        | 15.36             | (12.67 - 18.49)                     | 15.04             | (12.53 - 17.95)                     |
| Wilmington City                           | 8.32                | (6.14 - 11.17)                        | 14.43             | (11.60 - 17.82)                     | 13.60             | (11.03 - 16.66)                     |
| <b>District of Columbia</b>               | 12.56               | (10.55 - 14.90)                       | 15.91             | (14.25 - 17.72)                     | 15.33             | (13.82 - 16.97)                     |
| Ward 1                                    | 10.98               | (8.28 - 14.43)                        | 16.60             | (13.76 - 19.91)                     | 15.58             | (13.07 - 18.47)                     |
| Ward 2                                    | 17.42               | (13.45 - 22.27)                       | 20.32             | (16.95 - 24.16)                     | 19.55             | (16.56 - 22.93)                     |
| Ward 3                                    | 16.97               | (13.03 - 21.80)                       | 21.47             | (18.06 - 25.31)                     | 20.72             | (17.60 - 24.23)                     |
| Ward 4                                    | 10.16               | (7.57 - 13.52)                        | 13.43             | (11.04 - 16.25)                     | 13.07             | (10.84 - 15.68)                     |
| Ward 5                                    | 11.00               | (8.24 - 14.55)                        | 13.20             | (10.84 - 15.98)                     | 12.83             | (10.67 - 15.35)                     |
| Ward 6                                    | 14.50               | (11.36 - 18.32)                       | 18.21             | (15.41 - 21.40)                     | 17.76             | (15.17 - 20.68)                     |
| Ward 7                                    | 7.42                | (5.39 - 10.14)                        | 11.35             | (9.15 - 13.99)                      | 10.70             | (8.74 - 13.04)                      |
| Ward 8                                    | 7.73                | (5.68 - 10.45)                        | 11.29             | (9.08 - 13.96)                      | 10.59             | (8.64 - 12.93)                      |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 10.12               | (9.09 - 11.24)                        | 12.82             | (11.79 - 13.93)                     | 12.49             | (11.55 - 13.48)                     |
| Broward (Circuit 17)                                                    | 8.24                | (6.38 - 10.59)                        | 11.55             | (9.57 - 13.88)                      | 11.16             | (9.34 - 13.27)                      |
| Central I                                                               | 10.54               | (8.89 - 12.47)                        | 12.73             | (11.11 - 14.56)                     | 12.42             | (10.95 - 14.07)                     |
| Circuit 9                                                               | 10.59               | (8.53 - 13.07)                        | 11.98             | (10.06 - 14.22)                     | 11.76             | (10.03 - 13.75)                     |
| Circuit 18                                                              | 10.46               | (8.20 - 13.25)                        | 13.78             | (11.38 - 16.60)                     | 13.39             | (11.18 - 15.95)                     |
| Central II                                                              | 10.86               | (9.41 - 12.50)                        | 13.89             | (12.50 - 15.40)                     | 13.56             | (12.28 - 14.94)                     |
| Circuit 6                                                               | 11.64               | (9.18 - 14.65)                        | 16.64             | (14.04 - 19.60)                     | 16.14             | (13.73 - 18.88)                     |
| Circuit 10                                                              | 9.45                | (7.39 - 12.01)                        | 12.58             | (10.37 - 15.18)                     | 12.19             | (10.17 - 14.55)                     |
| Circuit 12                                                              | 10.38               | (8.03 - 13.32)                        | 12.75             | (10.37 - 15.59)                     | 12.54             | (10.30 - 15.19)                     |
| Circuit 13 (Hillsborough)                                               | 11.75               | (9.38 - 14.62)                        | 13.47             | (11.30 - 15.98)                     | 13.23             | (11.25 - 15.49)                     |
| Circuit 20                                                              | 10.00               | (7.67 - 12.94)                        | 12.58             | (10.27 - 15.32)                     | 12.33             | (10.16 - 14.88)                     |
| Northeast                                                               | 11.30               | (9.78 - 13.02)                        | 14.02             | (12.50 - 15.69)                     | 13.68             | (12.29 - 15.19)                     |
| Circuit 4                                                               | 10.51               | (8.29 - 13.24)                        | 13.91             | (11.52 - 16.70)                     | 13.45             | (11.28 - 15.96)                     |
| Circuit 5                                                               | 11.44               | (8.93 - 14.54)                        | 13.27             | (10.88 - 16.10)                     | 13.11             | (10.85 - 15.75)                     |
| Circuit 7                                                               | 11.91               | (9.28 - 15.15)                        | 14.81             | (12.25 - 17.80)                     | 14.48             | (12.11 - 17.24)                     |
| Circuit 8 plus Columbia, Dixie,<br>Hamilton, Lafayette, and<br>Suwannee | 11.70               | (9.19 - 14.79)                        | 14.54             | (11.92 - 17.63)                     | 13.98             | (11.67 - 16.67)                     |
| Northwest                                                               | 10.94               | (9.31 - 12.82)                        | 14.36             | (12.59 - 16.33)                     | 13.81             | (12.24 - 15.54)                     |
| Circuit 1                                                               | 10.69               | (8.47 - 13.40)                        | 14.37             | (11.95 - 17.19)                     | 13.85             | (11.67 - 16.36)                     |
| Circuit 2 plus Madison and<br>Taylor                                    | 10.84               | (8.59 - 13.59)                        | 13.46             | (11.13 - 16.19)                     | 12.89             | (10.86 - 15.23)                     |
| Circuit 14                                                              | 11.91               | (9.21 - 15.27)                        | 15.54             | (12.64 - 18.96)                     | 15.09             | (12.41 - 18.22)                     |
| South (Circuits 11 and 16)                                              | 7.30                | (5.72 - 9.29)                         | 9.14              | (7.52 - 11.07)                      | 8.91              | (7.42 - 10.65)                      |
| Southeast                                                               | 10.29               | (8.49 - 12.42)                        | 12.78             | (10.97 - 14.85)                     | 12.52             | (10.83 - 14.42)                     |
| Circuit 15 (Palm Beach)                                                 | 10.24               | (8.05 - 12.95)                        | 12.59             | (10.38 - 15.18)                     | 12.33             | (10.28 - 14.73)                     |
| Circuit 19                                                              | 10.38               | (8.08 - 13.24)                        | 13.21             | (10.81 - 16.05)                     | 12.92             | (10.68 - 15.54)                     |
| <b>Georgia</b>                                                          | 9.46                | (8.10 - 11.04)                        | 13.01             | (11.61 - 14.55)                     | 12.48             | (11.23 - 13.86)                     |
| Region 1                                                                | 10.07               | (7.86 - 12.81)                        | 13.21             | (11.12 - 15.63)                     | 12.80             | (10.88 - 15.00)                     |
| Region 2                                                                | 10.41               | (8.10 - 13.27)                        | 14.05             | (11.69 - 16.80)                     | 13.45             | (11.34 - 15.88)                     |
| Region 3                                                                | 8.94                | (7.05 - 11.28)                        | 11.83             | (9.89 - 14.10)                      | 11.42             | (9.67 - 13.44)                      |
| Region 4                                                                | 8.78                | (6.56 - 11.67)                        | 14.58             | (11.85 - 17.81)                     | 13.62             | (11.19 - 16.47)                     |
| Region 5                                                                | 9.49                | (7.29 - 12.27)                        | 13.88             | (11.34 - 16.87)                     | 13.15             | (10.90 - 15.78)                     |
| Region 6                                                                | 8.92                | (6.81 - 11.60)                        | 12.83             | (10.55 - 15.51)                     | 12.24             | (10.19 - 14.63)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 8.62                | (7.01 - 10.55)                        | 9.40              | (8.08 - 10.90)                      | 9.30              | (8.07 - 10.69)                      |
| Hawaii Island                   | 9.35                | (6.96 - 12.45)                        | 10.36             | (8.32 - 12.83)                      | 10.24             | (8.33 - 12.52)                      |
| Honolulu                        | 8.44                | (6.68 - 10.62)                        | 8.99              | (7.51 - 10.72)                      | 8.92              | (7.55 - 10.50)                      |
| Kauai                           | 8.79                | (6.43 - 11.92)                        | 9.86              | (7.78 - 12.41)                      | 9.74              | (7.78 - 12.13)                      |
| Maui                            | 8.90                | (6.54 - 12.01)                        | 10.57             | (8.47 - 13.12)                      | 10.38             | (8.41 - 12.75)                      |
| <b>Idaho</b>                    | 16.22               | (14.06 - 18.64)                       | 16.94             | (15.19 - 18.85)                     | 16.83             | (15.24 - 18.56)                     |
| Region 1                        | 17.37               | (13.62 - 21.88)                       | 17.32             | (14.26 - 20.87)                     | 17.33             | (14.47 - 20.61)                     |
| Region 2                        | 16.96               | (12.93 - 21.93)                       | 17.30             | (13.99 - 21.20)                     | 17.23             | (14.19 - 20.78)                     |
| Region 3                        | 14.10               | (11.14 - 17.68)                       | 16.31             | (13.63 - 19.41)                     | 16.00             | (13.54 - 18.79)                     |
| Region 4                        | 17.59               | (14.36 - 21.36)                       | 18.08             | (15.50 - 20.98)                     | 18.02             | (15.63 - 20.68)                     |
| Region 5                        | 12.87               | (9.90 - 16.56)                        | 15.16             | (12.51 - 18.25)                     | 14.85             | (12.42 - 17.65)                     |
| Region 6                        | *                   | (* - *)                               | 16.71             | (13.69 - 20.24)                     | 16.67             | (13.88 - 19.90)                     |
| Region 7                        | 16.82               | (13.30 - 21.04)                       | 16.27             | (13.55 - 19.42)                     | 16.37             | (13.87 - 19.23)                     |
| <b>Illinois</b>                 | 11.91               | (10.60 - 13.35)                       | 14.37             | (13.25 - 15.57)                     | 14.02             | (13.02 - 15.09)                     |
| Region 1 (Cook)                 | 10.14               | (8.72 - 11.77)                        | 13.21             | (11.88 - 14.67)                     | 12.79             | (11.60 - 14.09)                     |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | 16.75             | (13.86 - 20.10)                     | 16.27             | (13.59 - 19.36)                     |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | 13.01             | (10.53 - 15.97)                     | 12.48             | (10.22 - 15.16)                     |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | 17.65             | (14.62 - 21.14)                     | 17.16             | (14.37 - 20.37)                     |
| Region 1.4 (West Side)          | 8.12                | (6.16 - 10.64)                        | 11.76             | (9.67 - 14.25)                      | 11.16             | (9.28 - 13.36)                      |
| Region 1.5 (South Side)         | 7.69                | (5.73 - 10.25)                        | 10.57             | (8.53 - 13.03)                      | 10.14             | (8.29 - 12.33)                      |
| Region 1.6 (Southwest Side)     | 6.63                | (4.96 - 8.80)                         | 9.73              | (7.86 - 11.98)                      | 9.21              | (7.56 - 11.18)                      |
| Region 1.7 (Suburban Cook)      | 10.81               | (8.70 - 13.35)                        | 13.05             | (11.09 - 15.30)                     | 12.76             | (10.99 - 14.78)                     |
| Region 2                        | 12.42               | (10.67 - 14.40)                       | 14.24             | (12.79 - 15.81)                     | 13.98             | (12.67 - 15.39)                     |
| Region 2a (DuPage)              | 13.25               | (10.46 - 16.64)                       | 14.41             | (11.96 - 17.26)                     | 14.26             | (12.01 - 16.85)                     |
| Region 2b                       | 11.86               | (9.62 - 14.53)                        | 13.64             | (11.78 - 15.73)                     | 13.38             | (11.70 - 15.26)                     |
| Region 2c (Winnebago)           | *                   | (* - *)                               | 16.69             | (13.78 - 20.08)                     | 16.21             | (13.52 - 19.31)                     |
| Region 2d                       | 12.90               | (10.02 - 16.46)                       | 14.86             | (12.26 - 17.88)                     | 14.56             | (12.19 - 17.30)                     |
| Region 3                        | 13.83               | (11.56 - 16.46)                       | 16.55             | (14.37 - 18.99)                     | 16.10             | (14.16 - 18.25)                     |
| Region 3a (Champaign)           | 13.43               | (10.42 - 17.13)                       | 15.68             | (12.95 - 18.87)                     | 15.03             | (12.65 - 17.77)                     |
| Region 3b                       | 13.97               | (11.27 - 17.19)                       | 16.67             | (14.28 - 19.37)                     | 16.28             | (14.12 - 18.70)                     |
| Region 4                        | 14.28               | (11.58 - 17.47)                       | 16.51             | (14.27 - 19.03)                     | 16.21             | (14.14 - 18.52)                     |
| Region 4a (Sangamon)            | *                   | (* - *)                               | 17.21             | (14.15 - 20.78)                     | 16.94             | (14.09 - 20.24)                     |
| Region 4b                       | 14.08               | (11.05 - 17.78)                       | 16.31             | (13.71 - 19.29)                     | 16.00             | (13.61 - 18.73)                     |
| Region 5                        | 13.30               | (11.04 - 15.96)                       | 15.71             | (13.62 - 18.06)                     | 15.38             | (13.47 - 17.51)                     |
| Region 5a                       | 13.11               | (10.26 - 16.61)                       | 16.09             | (13.29 - 19.35)                     | 15.69             | (13.12 - 18.65)                     |
| Region 5b                       | 13.46               | (10.55 - 17.01)                       | 15.41             | (12.82 - 18.40)                     | 15.14             | (12.78 - 17.85)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                    | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                           | 14.84               | (12.74 - 17.22)                       | 16.67             | (14.89 - 18.61)                     | 16.39             | (14.77 - 18.15)                     |
| Central                                  | 13.91               | (11.03 - 17.38)                       | 15.67             | (13.28 - 18.40)                     | 15.43             | (13.24 - 17.90)                     |
| East                                     | 15.40               | (11.86 - 19.76)                       | 17.31             | (14.10 - 21.07)                     | 17.00             | (14.05 - 20.43)                     |
| North Central                            | 14.98               | (11.70 - 18.98)                       | 16.56             | (13.65 - 19.94)                     | 16.33             | (13.65 - 19.42)                     |
| Northeast                                | 15.72               | (12.10 - 20.17)                       | 17.89             | (14.71 - 21.58)                     | 17.58             | (14.66 - 20.93)                     |
| Northwest                                | 13.27               | (10.20 - 17.09)                       | 15.59             | (12.61 - 19.12)                     | 15.26             | (12.52 - 18.47)                     |
| Southeast                                | 15.38               | (11.88 - 19.68)                       | 16.88             | (13.94 - 20.28)                     | 16.69             | (13.97 - 19.81)                     |
| Southwest                                | 16.35               | (12.63 - 20.89)                       | 17.64             | (14.54 - 21.24)                     | 17.46             | (14.57 - 20.80)                     |
| West                                     | 15.33               | (11.88 - 19.56)                       | 17.90             | (14.67 - 21.66)                     | 17.32             | (14.47 - 20.60)                     |
| <b>Iowa</b>                              | 14.75               | (12.76 - 17.00)                       | 16.75             | (15.02 - 18.63)                     | 16.44             | (14.88 - 18.13)                     |
| Central                                  | 14.85               | (11.78 - 18.55)                       | 17.00             | (14.18 - 20.26)                     | 16.70             | (14.12 - 19.63)                     |
| North Central                            | 15.17               | (11.68 - 19.48)                       | 16.65             | (13.73 - 20.04)                     | 16.36             | (13.70 - 19.42)                     |
| Northeast                                | 16.00               | (12.84 - 19.76)                       | 17.78             | (15.00 - 20.95)                     | 17.51             | (14.99 - 20.36)                     |
| Northwest                                | 14.31               | (11.18 - 18.13)                       | 15.05             | (12.47 - 18.07)                     | 14.95             | (12.57 - 17.70)                     |
| Southeast                                | 13.26               | (10.46 - 16.68)                       | 16.48             | (13.81 - 19.54)                     | 15.96             | (13.55 - 18.71)                     |
| Southwest                                | 14.98               | (11.55 - 19.20)                       | 17.01             | (14.02 - 20.49)                     | 16.76             | (13.98 - 19.96)                     |
| <b>Kansas</b>                            | 14.76               | (12.71 - 17.07)                       | 15.24             | (13.54 - 17.12)                     | 15.17             | (13.61 - 16.87)                     |
| Northeast                                | 16.00               | (13.30 - 19.13)                       | 15.35             | (13.15 - 17.85)                     | 15.46             | (13.47 - 17.68)                     |
| Northwest and North Central              | *                   | (* - *)                               | 15.10             | (12.21 - 18.53)                     | 15.08             | (12.37 - 18.27)                     |
| South Central                            | 13.67               | (10.93 - 16.95)                       | 15.48             | (13.08 - 18.24)                     | 15.22             | (13.02 - 17.71)                     |
| Southeast                                | *                   | (* - *)                               | 15.92             | (12.82 - 19.60)                     | 15.54             | (12.68 - 18.89)                     |
| Southwest                                | 10.09               | (7.51 - 13.44)                        | 12.36             | (9.85 - 15.40)                      | 12.00             | (9.70 - 14.76)                      |
| <b>Kentucky</b>                          | 14.29               | (12.24 - 16.62)                       | 18.32             | (16.44 - 20.37)                     | 17.75             | (16.05 - 19.60)                     |
| Adanta, Cumberland River, and Lifeskills | 14.03               | (10.86 - 17.94)                       | 19.13             | (15.98 - 22.74)                     | 18.39             | (15.52 - 21.66)                     |
| Bluegrass, Comprehend, and North Key     | 14.64               | (11.75 - 18.09)                       | 18.48             | (15.80 - 21.49)                     | 17.90             | (15.50 - 20.59)                     |
| Centerstone                              | 13.32               | (10.46 - 16.81)                       | 17.11             | (14.36 - 20.27)                     | 16.61             | (14.10 - 19.47)                     |
| Communicare and River Valley             | 14.21               | (10.93 - 18.28)                       | 17.80             | (14.50 - 21.67)                     | 17.30             | (14.29 - 20.80)                     |
| Four Rivers and Pennyroyal               | 15.41               | (11.91 - 19.71)                       | 17.94             | (14.63 - 21.79)                     | 17.57             | (14.53 - 21.07)                     |
| Kentucky River, Mountain, and Pathways   | 14.64               | (11.24 - 18.85)                       | 19.94             | (16.49 - 23.92)                     | 19.25             | (16.08 - 22.86)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 10.56               | (8.89 - 12.51)                        | 13.90             | (12.25 - 15.72)                     | 13.41             | (11.90 - 15.07)                     |
| Regions 1 and 10      | 9.44                | (7.46 - 11.88)                        | 13.40             | (11.23 - 15.91)                     | 12.85             | (10.86 - 15.15)                     |
| Region 1              | 8.92                | (6.68 - 11.83)                        | 12.92             | (10.38 - 15.97)                     | 12.31             | (10.00 - 15.06)                     |
| Region 10 (Jefferson) | 10.16               | (7.67 - 13.32)                        | 13.90             | (11.19 - 17.14)                     | 13.45             | (10.94 - 16.43)                     |
| Regions 2 and 9       | 12.06               | (9.53 - 15.15)                        | 13.30             | (11.13 - 15.82)                     | 13.11             | (11.12 - 15.39)                     |
| Region 3              | 10.07               | (7.60 - 13.23)                        | 13.67             | (11.15 - 16.64)                     | 13.16             | (10.85 - 15.87)                     |
| Regions 4, 5, and 6   | 10.80               | (8.28 - 13.97)                        | 15.12             | (12.53 - 18.15)                     | 14.49             | (12.12 - 17.23)                     |
| Regions 7 and 8       | 9.47                | (7.29 - 12.21)                        | 13.71             | (11.21 - 16.66)                     | 13.06             | (10.82 - 15.68)                     |
| <b>Maine</b>          | 17.55               | (15.25 - 20.12)                       | 20.29             | (18.28 - 22.45)                     | 19.96             | (18.10 - 21.96)                     |
| Aroostook/Downeast    | 16.14               | (13.09 - 19.74)                       | 18.97             | (16.17 - 22.12)                     | 18.66             | (16.05 - 21.59)                     |
| Aroostook             | 16.13               | (12.36 - 20.78)                       | 18.51             | (15.17 - 22.38)                     | 18.24             | (15.13 - 21.83)                     |
| Downeast              | 16.14               | (12.38 - 20.78)                       | 19.33             | (15.76 - 23.50)                     | 19.00             | (15.63 - 22.91)                     |
| Central               | 18.05               | (14.01 - 22.95)                       | 21.12             | (17.58 - 25.16)                     | 20.77             | (17.48 - 24.49)                     |
| Cumberland            | 18.50               | (14.83 - 22.83)                       | 21.06             | (17.88 - 24.63)                     | 20.75             | (17.80 - 24.04)                     |
| Midcoast              | 17.65               | (13.65 - 22.50)                       | 19.32             | (15.98 - 23.16)                     | 19.16             | (15.99 - 22.78)                     |
| Penquis               | 15.91               | (12.52 - 20.02)                       | 20.33             | (16.87 - 24.28)                     | 19.68             | (16.55 - 23.25)                     |
| Western               | 16.88               | (13.19 - 21.33)                       | 19.62             | (16.33 - 23.38)                     | 19.28             | (16.22 - 22.75)                     |
| York                  | 19.20               | (15.20 - 23.95)                       | 20.87             | (17.36 - 24.87)                     | 20.68             | (17.41 - 24.39)                     |
| <b>Maryland</b>       | 13.53               | (11.65 - 15.66)                       | 14.49             | (12.90 - 16.24)                     | 14.36             | (12.89 - 15.96)                     |
| Anne Arundel          | 15.68               | (12.10 - 20.07)                       | 15.86             | (13.02 - 19.19)                     | 15.84             | (13.18 - 18.92)                     |
| Baltimore City        | 10.50               | (8.05 - 13.60)                        | 13.16             | (10.78 - 15.96)                     | 12.74             | (10.59 - 15.24)                     |
| Baltimore County      | 14.92               | (11.55 - 19.06)                       | 16.23             | (13.28 - 19.69)                     | 16.06             | (13.32 - 19.23)                     |
| Montgomery            | 14.10               | (11.00 - 17.89)                       | 13.86             | (11.51 - 16.60)                     | 13.89             | (11.68 - 16.44)                     |
| North Central         | 15.90               | (12.36 - 20.23)                       | 15.93             | (12.97 - 19.42)                     | 15.93             | (13.18 - 19.13)                     |
| Northeast             | 16.49               | (12.87 - 20.89)                       | 16.16             | (13.19 - 19.64)                     | 16.20             | (13.42 - 19.43)                     |
| Prince George's       | 9.27                | (7.06 - 12.09)                        | 9.88              | (7.85 - 12.36)                      | 9.79              | (7.94 - 12.00)                      |
| South                 | 13.70               | (10.46 - 17.76)                       | 15.00             | (12.22 - 18.27)                     | 14.80             | (12.24 - 17.80)                     |
| West                  | 15.78               | (12.13 - 20.28)                       | 17.23             | (14.24 - 20.70)                     | 17.04             | (14.25 - 20.24)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 15.66               | (13.40 - 18.23)                       | 19.35             | (17.41 - 21.46)                     | 18.80             | (17.05 - 20.70)                     |
| Boston                | 14.02               | (10.74 - 18.09)                       | 19.63             | (16.35 - 23.39)                     | 18.45             | (15.60 - 21.70)                     |
| Central               | 15.44               | (11.94 - 19.75)                       | 18.68             | (15.58 - 22.22)                     | 18.21             | (15.39 - 21.42)                     |
| Metrowest             | 17.17               | (13.52 - 21.56)                       | 18.98             | (16.05 - 22.31)                     | 18.74             | (16.03 - 21.78)                     |
| Northeast             | 15.19               | (11.87 - 19.23)                       | 20.20             | (17.07 - 23.74)                     | 19.54             | (16.70 - 22.73)                     |
| Southeast             | 15.98               | (12.37 - 20.38)                       | 19.31             | (16.19 - 22.88)                     | 18.89             | (16.00 - 22.16)                     |
| Western               | 15.94               | (12.42 - 20.23)                       | 19.17             | (15.95 - 22.86)                     | 18.62             | (15.70 - 21.94)                     |
| <b>Michigan</b>       | 14.71               | (13.22 - 16.34)                       | 16.19             | (15.00 - 17.45)                     | 15.98             | (14.90 - 17.11)                     |
| Region 1              | 15.97               | (12.51 - 20.16)                       | 16.61             | (13.69 - 20.02)                     | 16.52             | (13.82 - 19.64)                     |
| Region 2              | 16.25               | (12.70 - 20.55)                       | 16.33             | (13.46 - 19.67)                     | 16.33             | (13.63 - 19.43)                     |
| Region 3              | 16.20               | (13.18 - 19.76)                       | 18.03             | (15.50 - 20.88)                     | 17.75             | (15.45 - 20.32)                     |
| Region 4              | 15.26               | (12.37 - 18.69)                       | 16.17             | (13.67 - 19.02)                     | 16.03             | (13.76 - 18.60)                     |
| Region 5              | 16.13               | (13.45 - 19.22)                       | 17.39             | (15.20 - 19.82)                     | 17.17             | (15.20 - 19.34)                     |
| Region 6              | 15.91               | (12.61 - 19.89)                       | 15.95             | (13.39 - 18.89)                     | 15.94             | (13.60 - 18.60)                     |
| Region 7              | 10.91               | (8.83 - 13.43)                        | 14.09             | (12.02 - 16.44)                     | 13.62             | (11.78 - 15.69)                     |
| Region 8              | 14.52               | (11.69 - 17.90)                       | 14.73             | (12.47 - 17.32)                     | 14.71             | (12.62 - 17.07)                     |
| Region 9              | 14.37               | (11.51 - 17.79)                       | 16.99             | (14.39 - 19.95)                     | 16.66             | (14.27 - 19.37)                     |
| Region 10             | 14.63               | (11.68 - 18.18)                       | 17.06             | (14.34 - 20.16)                     | 16.73             | (14.24 - 19.55)                     |
| <b>Minnesota</b>      | 16.80               | (14.53 - 19.34)                       | 18.56             | (16.71 - 20.57)                     | 18.32             | (16.61 - 20.17)                     |
| Regions 1 and 2       | 17.94               | (14.53 - 21.94)                       | 18.48             | (15.67 - 21.66)                     | 18.41             | (15.78 - 21.37)                     |
| Region 1              | *                   | (* - *)                               | 17.27             | (13.98 - 21.15)                     | 17.13             | (14.05 - 20.71)                     |
| Region 2              | *                   | (* - *)                               | 19.20             | (15.67 - 23.29)                     | 19.18             | (15.86 - 22.99)                     |
| Regions 3 and 4       | 16.68               | (13.58 - 20.33)                       | 17.98             | (15.42 - 20.87)                     | 17.80             | (15.43 - 20.45)                     |
| Region 3              | *                   | (* - *)                               | 17.63             | (14.34 - 21.50)                     | 17.48             | (14.39 - 21.06)                     |
| Region 4              | 16.79               | (13.21 - 21.10)                       | 18.18             | (15.13 - 21.68)                     | 17.98             | (15.17 - 21.18)                     |
| Regions 5 and 6       | 16.74               | (13.78 - 20.19)                       | 17.96             | (15.33 - 20.93)                     | 17.78             | (15.36 - 20.50)                     |
| Region 5              | 16.55               | (12.99 - 20.86)                       | 17.93             | (14.65 - 21.76)                     | 17.73             | (14.72 - 21.21)                     |
| Region 6              | 16.93               | (13.18 - 21.48)                       | 17.99             | (14.68 - 21.85)                     | 17.84             | (14.78 - 21.37)                     |
| Region 7              | 16.65               | (14.09 - 19.57)                       | 18.96             | (16.82 - 21.31)                     | 18.65             | (16.68 - 20.80)                     |
| Region 7A (Hennepin)  | 16.78               | (13.43 - 20.77)                       | 18.63             | (15.77 - 21.88)                     | 18.39             | (15.74 - 21.37)                     |
| Region 7B (Ramsey)    | 14.34               | (10.99 - 18.50)                       | 19.61             | (16.27 - 23.45)                     | 18.78             | (15.76 - 22.22)                     |
| Region 7C             | 17.78               | (14.17 - 22.07)                       | 19.02             | (16.09 - 22.34)                     | 18.86             | (16.16 - 21.90)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 9.43                | (7.85 - 11.29)                        | 12.95             | (11.39 - 14.69)                     | 12.42             | (11.00 - 13.98)                     |
| Region 1                               | 10.05               | (7.65 - 13.11)                        | 13.92             | (11.55 - 16.69)                     | 13.34             | (11.19 - 15.83)                     |
| Region 2                               | 6.98                | (5.16 - 9.40)                         | 11.32             | (9.07 - 14.04)                      | 10.66             | (8.64 - 13.08)                      |
| Region 3                               | 9.60                | (7.25 - 12.62)                        | 13.20             | (10.63 - 16.29)                     | 12.58             | (10.27 - 15.32)                     |
| Region 4                               | 9.11                | (6.89 - 11.94)                        | 11.71             | (9.60 - 14.20)                      | 11.32             | (9.40 - 13.57)                      |
| Region 5                               | *                   | (* - *)                               | 12.61             | (10.03 - 15.74)                     | 12.14             | (9.77 - 14.98)                      |
| Region 6                               | 10.09               | (7.59 - 13.30)                        | 13.70             | (11.19 - 16.67)                     | 13.14             | (10.84 - 15.83)                     |
| Region 7                               | 10.33               | (7.88 - 13.44)                        | 13.68             | (11.11 - 16.72)                     | 13.21             | (10.87 - 15.95)                     |
| <b>Missouri</b>                        | 12.46               | (10.52 - 14.70)                       | 16.37             | (14.64 - 18.25)                     | 15.81             | (14.24 - 17.52)                     |
| Central                                | 12.99               | (9.96 - 16.77)                        | 15.06             | (12.28 - 18.33)                     | 14.69             | (12.21 - 17.59)                     |
| Eastern                                | 12.60               | (10.11 - 15.59)                       | 16.74             | (14.47 - 19.30)                     | 16.18             | (14.10 - 18.51)                     |
| Eastern (St. Louis City and<br>County) | 12.40               | (9.54 - 15.98)                        | 16.88             | (14.10 - 20.09)                     | 16.27             | (13.73 - 19.18)                     |
| Eastern (excluding St. Louis)          | 12.95               | (9.85 - 16.84)                        | 16.50             | (13.62 - 19.87)                     | 16.04             | (13.37 - 19.11)                     |
| Northwest                              | 12.41               | (9.95 - 15.37)                        | 16.34             | (14.00 - 18.99)                     | 15.80             | (13.64 - 18.22)                     |
| Northwest (Jackson)                    | 11.10               | (8.43 - 14.48)                        | 15.41             | (12.68 - 18.60)                     | 14.83             | (12.33 - 17.73)                     |
| Northwest (excluding Jackson)          | 13.44               | (10.27 - 17.41)                       | 17.14             | (14.15 - 20.61)                     | 16.61             | (13.86 - 19.78)                     |
| Southeast                              | 12.50               | (9.53 - 16.22)                        | 16.80             | (13.79 - 20.31)                     | 16.22             | (13.46 - 19.42)                     |
| Southwest                              | 11.62               | (8.84 - 15.12)                        | 16.33             | (13.48 - 19.64)                     | 15.66             | (13.07 - 18.66)                     |
| <b>Montana</b>                         | 15.27               | (13.19 - 17.62)                       | 16.75             | (14.89 - 18.79)                     | 16.54             | (14.84 - 18.41)                     |
| Region 1                               | *                   | (* - *)                               | 15.79             | (12.69 - 19.47)                     | 15.58             | (12.69 - 18.98)                     |
| Region 2                               | 14.32               | (11.18 - 18.16)                       | 18.14             | (14.95 - 21.83)                     | 17.58             | (14.68 - 20.91)                     |
| Region 3                               | 15.13               | (11.92 - 19.02)                       | 15.99             | (13.39 - 19.00)                     | 15.89             | (13.47 - 18.65)                     |
| Region 4                               | 16.80               | (13.61 - 20.56)                       | 17.02             | (14.30 - 20.14)                     | 16.99             | (14.49 - 19.82)                     |
| Region 5                               | 14.67               | (11.82 - 18.06)                       | 16.65             | (14.07 - 19.60)                     | 16.37             | (14.02 - 19.03)                     |
| <b>Nebraska</b>                        | 14.26               | (12.14 - 16.67)                       | 15.35             | (13.60 - 17.29)                     | 15.19             | (13.58 - 16.94)                     |
| Regions 1 and 2                        | 12.82               | (10.05 - 16.23)                       | 14.58             | (12.13 - 17.42)                     | 14.34             | (12.06 - 16.98)                     |
| Region 1                               | *                   | (* - *)                               | 14.60             | (11.70 - 18.07)                     | 14.35             | (11.68 - 17.51)                     |
| Region 2                               | *                   | (* - *)                               | 14.56             | (11.59 - 18.14)                     | 14.34             | (11.55 - 17.67)                     |
| Region 3                               | 13.52               | (10.47 - 17.29)                       | 14.60             | (11.84 - 17.88)                     | 14.44             | (11.90 - 17.42)                     |
| Region 4                               | 13.14               | (9.93 - 17.20)                        | 13.82             | (11.15 - 17.00)                     | 13.72             | (11.23 - 16.66)                     |
| Region 5                               | 14.55               | (11.50 - 18.25)                       | 15.90             | (13.30 - 18.88)                     | 15.67             | (13.30 - 18.37)                     |
| Region 6                               | 14.87               | (12.04 - 18.24)                       | 15.85             | (13.49 - 18.54)                     | 15.71             | (13.57 - 18.11)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 8.83                | (7.27 - 10.69)                        | 12.24             | (10.63 - 14.06)                     | 11.79             | (10.33 - 13.43)                     |
| Clark – Region 1        | 8.33                | (6.64 - 10.41)                        | 11.75             | (9.97 - 13.80)                      | 11.30             | (9.69 - 13.13)                      |
| Region 3                | 10.61               | (8.20 - 13.63)                        | 13.22             | (10.90 - 15.96)                     | 12.92             | (10.74 - 15.47)                     |
| Capital District        | *                   | (* - *)                               | 13.26             | (10.46 - 16.67)                     | 13.01             | (10.38 - 16.18)                     |
| Rural/Frontier          | *                   | (* - *)                               | 13.19             | (10.46 - 16.51)                     | 12.85             | (10.30 - 15.91)                     |
| Washoe – Region 2       | 9.87                | (7.48 - 12.93)                        | 13.71             | (11.10 - 16.81)                     | 13.19             | (10.82 - 15.99)                     |
| <b>New Hampshire</b>    | 21.44               | (18.61 - 24.57)                       | 21.07             | (19.03 - 23.27)                     | 21.12             | (19.24 - 23.13)                     |
| Central                 | 21.27               | (17.89 - 25.09)                       | 21.51             | (18.85 - 24.42)                     | 21.47             | (19.03 - 24.14)                     |
| Central 1               | 22.34               | (17.93 - 27.48)                       | 22.09             | (18.70 - 25.91)                     | 22.13             | (19.01 - 25.60)                     |
| Central 2               | 19.93               | (16.19 - 24.28)                       | 20.95             | (17.64 - 24.70)                     | 20.82             | (17.77 - 24.24)                     |
| Northern                | 19.67               | (15.68 - 24.40)                       | 21.53             | (17.91 - 25.66)                     | 21.27             | (17.97 - 25.00)                     |
| Southern                | 21.96               | (18.52 - 25.83)                       | 20.75             | (18.37 - 23.36)                     | 20.91             | (18.71 - 23.31)                     |
| Southern 1 (Rockingham) | 22.66               | (18.08 - 28.01)                       | 21.11             | (17.84 - 24.80)                     | 21.30             | (18.21 - 24.75)                     |
| Southern 2              | 21.58               | (17.64 - 26.12)                       | 20.53             | (17.70 - 23.68)                     | 20.67             | (18.08 - 23.53)                     |
| <b>New Jersey</b>       | 12.23               | (10.64 - 14.01)                       | 13.57             | (12.17 - 15.11)                     | 13.40             | (12.13 - 14.78)                     |
| Central                 | 14.90               | (11.95 - 18.42)                       | 14.02             | (11.77 - 16.63)                     | 14.14             | (12.05 - 16.52)                     |
| Metropolitan            | 10.22               | (8.09 - 12.85)                        | 12.54             | (10.46 - 14.98)                     | 12.22             | (10.32 - 14.42)                     |
| Northern                | 11.74               | (9.60 - 14.28)                        | 12.79             | (10.88 - 14.98)                     | 12.66             | (10.91 - 14.65)                     |
| Southern                | 12.60               | (10.06 - 15.66)                       | 15.49             | (13.04 - 18.31)                     | 15.11             | (12.89 - 17.63)                     |
| <b>New Mexico</b>       | 10.65               | (8.92 - 12.67)                        | 14.24             | (12.55 - 16.12)                     | 13.72             | (12.18 - 15.43)                     |
| Region 1                | 10.32               | (7.91 - 13.36)                        | 12.91             | (10.49 - 15.78)                     | 12.53             | (10.32 - 15.14)                     |
| Region 2                | 10.30               | (7.63 - 13.77)                        | 13.90             | (11.18 - 17.16)                     | 13.48             | (10.96 - 16.48)                     |
| Region 3 (Bernalillo)   | 11.33               | (8.95 - 14.25)                        | 15.13             | (12.72 - 17.91)                     | 14.60             | (12.43 - 17.07)                     |
| Region 4                | 10.57               | (7.91 - 14.00)                        | 14.55             | (11.96 - 17.58)                     | 13.91             | (11.57 - 16.64)                     |
| Region 5                | 10.22               | (8.06 - 12.88)                        | 14.22             | (12.00 - 16.77)                     | 13.58             | (11.57 - 15.87)                     |
| Region 5a               | 10.75               | (8.08 - 14.17)                        | 14.50             | (11.71 - 17.82)                     | 14.00             | (11.44 - 17.03)                     |
| Region 5b (Dona Ana)    | 9.87                | (7.34 - 13.13)                        | 13.95             | (11.32 - 17.07)                     | 13.19             | (10.83 - 15.97)                     |

See notes at end of table.

(continued)



**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                             | 11.75               | (10.53 - 13.10)                       | 14.72             | (13.67 - 15.83)                     | 14.29             | (13.36 - 15.28)                     |
| Region 1: Long Island                       | 12.01               | (9.77 - 14.67)                        | 13.61             | (11.65 - 15.84)                     | 13.39             | (11.62 - 15.39)                     |
| Region 2: New York City                     | 9.31                | (8.05 - 10.76)                        | 13.62             | (12.33 - 15.03)                     | 13.02             | (11.86 - 14.28)                     |
| Region 2A (Bronx)                           | 7.02                | (5.34 - 9.18)                         | 11.19             | (9.26 - 13.45)                      | 10.48             | (8.78 - 12.47)                      |
| Region 2B (Kings)                           | 8.62                | (6.76 - 10.93)                        | 12.63             | (10.73 - 14.81)                     | 12.05             | (10.34 - 14.01)                     |
| Region 2C (New York)                        | 12.86               | (10.23 - 16.05)                       | 18.21             | (15.43 - 21.37)                     | 17.53             | (14.99 - 20.38)                     |
| Region 2D (Queens)                          | 8.78                | (6.88 - 11.13)                        | 12.23             | (10.31 - 14.46)                     | 11.80             | (10.03 - 13.82)                     |
| Region 2E (Richmond)                        | 11.27               | (8.62 - 14.59)                        | 15.19             | (12.43 - 18.44)                     | 14.65             | (12.12 - 17.61)                     |
| Region 3: Mid-Hudson                        | 12.70               | (10.08 - 15.89)                       | 14.46             | (12.32 - 16.90)                     | 14.21             | (12.26 - 16.41)                     |
| Region 4: Capital Region                    | 15.40               | (12.38 - 18.99)                       | 16.95             | (14.17 - 20.15)                     | 16.73             | (14.19 - 19.62)                     |
| Region 5: Mohawk Valley                     | *                   | (* - *)                               | 17.10             | (14.06 - 20.64)                     | 16.73             | (13.93 - 19.96)                     |
| Region 6: North Country                     | *                   | (* - *)                               | 16.74             | (13.88 - 20.06)                     | 16.42             | (13.74 - 19.50)                     |
| Region 7: Tug Hill Seaway                   | *                   | (* - *)                               | 16.86             | (14.04 - 20.12)                     | 16.29             | (13.76 - 19.17)                     |
| Region 8: Central                           | 14.20               | (11.31 - 17.66)                       | 16.92             | (14.38 - 19.79)                     | 16.48             | (14.17 - 19.07)                     |
| Region 9: Southern Tier                     | 15.96               | (12.41 - 20.29)                       | 18.32             | (15.32 - 21.76)                     | 17.87             | (15.16 - 20.95)                     |
| Region 10: Finger Lakes                     | 14.67               | (11.77 - 18.13)                       | 17.66             | (15.06 - 20.61)                     | 17.21             | (14.84 - 19.86)                     |
| Region 11: Western                          | 13.35               | (10.80 - 16.40)                       | 15.88             | (13.66 - 18.39)                     | 15.51             | (13.48 - 17.79)                     |
| <b>North Carolina</b>                       | 12.29               | (10.70 - 14.09)                       | 16.54             | (15.09 - 18.10)                     | 15.95             | (14.63 - 17.35)                     |
| Alliance Behavioral Healthcare 1            | 11.80               | (9.08 - 15.19)                        | 16.91             | (14.22 - 19.98)                     | 16.11             | (13.69 - 18.87)                     |
| Alliance Behavioral Healthcare 2            | 14.14               | (10.92 - 18.13)                       | 15.92             | (13.17 - 19.13)                     | 15.68             | (13.13 - 18.61)                     |
| Cardinal Innovations Healthcare Solutions 1 | 12.64               | (9.65 - 16.38)                        | 16.38             | (13.57 - 19.64)                     | 15.90             | (13.32 - 18.88)                     |
| Cardinal Innovations Healthcare Solutions 2 | 12.04               | (9.28 - 15.48)                        | 15.67             | (12.94 - 18.85)                     | 15.13             | (12.65 - 18.00)                     |
| Cardinal Innovations Healthcare Solutions 3 | 11.69               | (9.09 - 14.91)                        | 16.05             | (13.38 - 19.14)                     | 15.46             | (13.03 - 18.25)                     |
| CenterPoint Human Services                  | 12.98               | (10.08 - 16.56)                       | 17.30             | (14.29 - 20.80)                     | 16.73             | (13.98 - 19.89)                     |
| Eastpointe                                  | 9.30                | (7.12 - 12.05)                        | 14.81             | (12.24 - 17.81)                     | 14.04             | (11.72 - 16.74)                     |
| Partners Behavioral Health Management       | 12.73               | (9.84 - 16.32)                        | 18.55             | (15.33 - 22.27)                     | 17.82             | (14.89 - 21.19)                     |
| Sandhills Center 1                          | 12.42               | (9.58 - 15.96)                        | 16.96             | (14.01 - 20.39)                     | 16.38             | (13.67 - 19.50)                     |
| Sandhills Center 2                          | 11.29               | (8.66 - 14.60)                        | 16.02             | (13.25 - 19.24)                     | 15.28             | (12.78 - 18.18)                     |
| Smoky Mountain Center 1                     | 14.05               | (10.84 - 18.02)                       | 17.63             | (14.56 - 21.18)                     | 17.12             | (14.30 - 20.37)                     |
| Smoky Mountain Center 2                     | 13.83               | (10.67 - 17.75)                       | 17.84             | (14.74 - 21.43)                     | 17.41             | (14.53 - 20.72)                     |
| Trillium Health Resources 1                 | 11.16               | (8.56 - 14.42)                        | 14.91             | (12.27 - 18.00)                     | 14.32             | (11.94 - 17.07)                     |
| Trillium Health Resources 2                 | 13.02               | (10.07 - 16.67)                       | 17.03             | (14.07 - 20.46)                     | 16.36             | (13.72 - 19.41)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 13.09               | (11.25 - 15.17)                       | 15.22             | (13.57 - 17.03)                     | 14.83             | (13.38 - 16.42)                     |
| Badlands and West Central     | 12.96               | (10.32 - 16.17)                       | 15.65             | (13.44 - 18.15)                     | 15.26             | (13.23 - 17.53)                     |
| Badlands                      | *                   | (* - *)                               | 14.62             | (11.79 - 17.99)                     | 14.25             | (11.65 - 17.32)                     |
| West Central                  | 13.20               | (10.20 - 16.92)                       | 15.95             | (13.44 - 18.83)                     | 15.55             | (13.25 - 18.17)                     |
| Lake Region                   | *                   | (* - *)                               | 12.49             | (9.99 - 15.51)                      | 12.13             | (9.86 - 14.83)                      |
| North Central                 | 13.01               | (10.00 - 16.75)                       | 14.68             | (12.07 - 17.74)                     | 14.38             | (12.03 - 17.10)                     |
| Northeast                     | 13.44               | (10.61 - 16.88)                       | 15.78             | (13.08 - 18.93)                     | 15.19             | (12.85 - 17.86)                     |
| Northwest                     | *                   | (* - *)                               | 14.10             | (11.29 - 17.47)                     | 13.96             | (11.33 - 17.08)                     |
| South Central                 | *                   | (* - *)                               | 15.24             | (12.28 - 18.77)                     | 14.97             | (12.23 - 18.20)                     |
| Southeast                     | 13.40               | (10.82 - 16.47)                       | 15.61             | (13.15 - 18.44)                     | 15.15             | (13.02 - 17.55)                     |
| <b>Ohio</b>                   | 14.96               | (13.48 - 16.57)                       | 17.22             | (15.96 - 18.56)                     | 16.91             | (15.77 - 18.12)                     |
| Boards 2, 46, 55, and 68      | 15.00               | (11.62 - 19.15)                       | 17.20             | (14.33 - 20.51)                     | 16.90             | (14.25 - 19.93)                     |
| Boards 3, 52, and 85          | *                   | (* - *)                               | 17.26             | (14.30 - 20.69)                     | 17.04             | (14.30 - 20.19)                     |
| Boards 4 and 78               | 14.38               | (11.14 - 18.37)                       | 17.04             | (14.09 - 20.47)                     | 16.72             | (13.98 - 19.87)                     |
| Boards 5 and 60               | 15.87               | (12.55 - 19.86)                       | 18.25             | (15.06 - 21.94)                     | 17.83             | (14.96 - 21.10)                     |
| Boards 7, 15, 41, 79, and 84  | *                   | (* - *)                               | 17.73             | (14.72 - 21.20)                     | 17.45             | (14.66 - 20.64)                     |
| Boards 8, 13, and 83          | *                   | (* - *)                               | 16.31             | (13.52 - 19.54)                     | 16.29             | (13.69 - 19.28)                     |
| Board 9 (Butler)              | *                   | (* - *)                               | 17.25             | (14.40 - 20.53)                     | 17.10             | (14.45 - 20.13)                     |
| Board 12                      | 14.99               | (11.87 - 18.75)                       | 16.59             | (13.76 - 19.88)                     | 16.34             | (13.77 - 19.29)                     |
| Boards 18 and 47              | 14.74               | (12.00 - 17.96)                       | 16.55             | (14.13 - 19.28)                     | 16.31             | (14.10 - 18.78)                     |
| Boards 20, 32, 54, and 69     | 15.41               | (12.15 - 19.35)                       | 16.24             | (13.45 - 19.48)                     | 16.13             | (13.55 - 19.10)                     |
| Boards 21, 39, 51, 70, and 80 | 16.81               | (13.23 - 21.13)                       | 17.45             | (14.47 - 20.90)                     | 17.37             | (14.58 - 20.58)                     |
| Boards 22, 74, and 87         | 14.14               | (11.00 - 17.99)                       | 16.74             | (13.81 - 20.14)                     | 16.35             | (13.67 - 19.44)                     |
| Boards 23 and 45              | 16.69               | (13.13 - 20.99)                       | 18.76             | (15.62 - 22.36)                     | 18.46             | (15.57 - 21.76)                     |
| Board 25 (Franklin)           | 14.06               | (11.38 - 17.25)                       | 17.40             | (14.73 - 20.44)                     | 16.89             | (14.50 - 19.58)                     |
| Boards 27, 71, and 73         | 14.68               | (11.52 - 18.52)                       | 18.53             | (15.37 - 22.16)                     | 18.04             | (15.14 - 21.36)                     |
| Boards 28, 43, and 67         | 15.96               | (12.61 - 20.01)                       | 17.19             | (14.34 - 20.47)                     | 17.02             | (14.38 - 20.03)                     |
| Board 31 (Hamilton)           | 14.21               | (11.24 - 17.80)                       | 16.79             | (14.08 - 19.89)                     | 16.42             | (13.94 - 19.23)                     |
| Board 48 (Lucas)              | 14.64               | (11.43 - 18.56)                       | 17.67             | (14.69 - 21.10)                     | 17.21             | (14.48 - 20.34)                     |
| Boards 50 and 76              | 14.34               | (11.33 - 17.99)                       | 18.03             | (15.19 - 21.26)                     | 17.56             | (14.95 - 20.51)                     |
| Board 57 (Montgomery)         | 13.77               | (10.83 - 17.36)                       | 17.78             | (14.87 - 21.11)                     | 17.23             | (14.57 - 20.25)                     |
| Board 77 (Summit)             | 14.36               | (11.31 - 18.08)                       | 16.33             | (13.59 - 19.49)                     | 16.07             | (13.56 - 18.95)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 12.47               | (10.55 - 14.67)                       | 15.79             | (14.11 - 17.64)                     | 15.29             | (13.76 - 16.96)                     |
| Central                               | 14.27               | (10.99 - 18.33)                       | 17.71             | (14.58 - 21.33)                     | 17.15             | (14.33 - 20.41)                     |
| East Central                          | 11.67               | (8.85 - 15.24)                        | 14.71             | (12.04 - 17.85)                     | 14.27             | (11.83 - 17.12)                     |
| Northeast                             | 11.90               | (9.01 - 15.56)                        | 14.52             | (11.86 - 17.67)                     | 14.08             | (11.66 - 16.92)                     |
| Northwest and Southwest               | 11.79               | (9.04 - 15.23)                        | 15.12             | (12.38 - 18.33)                     | 14.60             | (12.13 - 17.47)                     |
| Oklahoma County                       | 12.11               | (9.36 - 15.52)                        | 15.10             | (12.52 - 18.11)                     | 14.67             | (12.32 - 17.39)                     |
| Southeast                             | 12.08               | (9.16 - 15.78)                        | 15.99             | (13.13 - 19.34)                     | 15.44             | (12.83 - 18.48)                     |
| Tulsa County                          | 13.36               | (10.32 - 17.12)                       | 17.30             | (14.41 - 20.63)                     | 16.74             | (14.09 - 19.77)                     |
| <b>Oregon</b>                         | 15.72               | (13.58 - 18.13)                       | 18.45             | (16.61 - 20.44)                     | 18.09             | (16.42 - 19.88)                     |
| Region 1 (Multnomah)                  | 16.29               | (12.90 - 20.36)                       | 20.16             | (17.12 - 23.59)                     | 19.68             | (16.90 - 22.80)                     |
| Region 2                              | 15.96               | (12.76 - 19.79)                       | 18.20             | (15.45 - 21.32)                     | 17.92             | (15.39 - 20.76)                     |
| Region 3                              | 15.79               | (12.84 - 19.27)                       | 18.68             | (15.88 - 21.86)                     | 18.24             | (15.74 - 21.04)                     |
| Region 4                              | 15.38               | (11.98 - 19.52)                       | 16.80             | (13.99 - 20.05)                     | 16.64             | (14.01 - 19.65)                     |
| Region 5 (Central)                    | *                   | (* - *)                               | 17.94             | (14.55 - 21.91)                     | 17.66             | (14.49 - 21.34)                     |
| Region 6 (Eastern)                    | *                   | (* - *)                               | 16.86             | (13.73 - 20.55)                     | 16.42             | (13.54 - 19.77)                     |
| <b>Pennsylvania</b>                   | 13.68               | (12.32 - 15.17)                       | 16.90             | (15.62 - 18.26)                     | 16.46             | (15.31 - 17.68)                     |
| Region 1 (Allegheny)                  | 14.83               | (11.92 - 18.31)                       | 17.84             | (15.24 - 20.78)                     | 17.47             | (15.06 - 20.17)                     |
| Regions 3, 8, 9, and 51               | 15.99               | (12.80 - 19.80)                       | 17.83             | (15.03 - 21.02)                     | 17.58             | (15.01 - 20.49)                     |
| Regions 4, 11, 37, and 49             | 13.05               | (10.21 - 16.54)                       | 16.77             | (14.06 - 19.88)                     | 16.28             | (13.79 - 19.11)                     |
| Regions 5, 18, 23, 24, and 46         | 13.94               | (11.02 - 17.48)                       | 16.98             | (14.16 - 20.24)                     | 16.60             | (13.99 - 19.58)                     |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 13.44               | (10.60 - 16.90)                       | 16.47             | (13.72 - 19.65)                     | 15.92             | (13.45 - 18.73)                     |
| Regions 7, 13, 20, and 33             | 14.01               | (11.53 - 16.91)                       | 16.63             | (14.31 - 19.25)                     | 16.30             | (14.18 - 18.66)                     |
| Regions 10, 15, 27, 32, 43, and 44    | 14.17               | (11.08 - 17.95)                       | 16.62             | (13.77 - 19.91)                     | 16.33             | (13.70 - 19.35)                     |
| Regions 17 and 21                     | 14.02               | (10.98 - 17.73)                       | 16.84             | (14.00 - 20.12)                     | 16.42             | (13.83 - 19.38)                     |
| Regions 19, 26, 28, and 42            | 15.42               | (12.53 - 18.84)                       | 18.67             | (16.00 - 21.67)                     | 18.25             | (15.80 - 20.99)                     |
| Regions 22, 38, 40, 41, and 48        | 14.22               | (11.21 - 17.89)                       | 16.39             | (13.69 - 19.51)                     | 16.15             | (13.62 - 19.05)                     |
| Regions 29 and 34                     | 13.14               | (10.32 - 16.59)                       | 16.34             | (13.56 - 19.56)                     | 15.90             | (13.37 - 18.81)                     |
| Regions 30 and 50                     | 12.63               | (9.88 - 16.00)                        | 16.44             | (13.70 - 19.60)                     | 15.97             | (13.45 - 18.84)                     |
| Region 36 (Philadelphia)              | 10.90               | (8.69 - 13.60)                        | 15.41             | (12.96 - 18.22)                     | 14.64             | (12.49 - 17.08)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                     | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 16.22               | (13.84 - 18.93)                       | 20.07             | (17.98 - 22.34)                     | 19.47             | (17.57 - 21.53)                     |
| Region 1: Southern Providence<br>County                   | 16.36               | (12.68 - 20.85)                       | 20.72             | (17.37 - 24.54)                     | 20.15             | (17.06 - 23.64)                     |
| Region 2: Northern Providence<br>County/Blackstone Valley | 14.83               | (11.63 - 18.73)                       | 19.36             | (16.18 - 22.99)                     | 18.78             | (15.86 - 22.10)                     |
| Region 3: Providence                                      | 14.68               | (11.39 - 18.72)                       | 17.41             | (14.43 - 20.85)                     | 16.67             | (14.07 - 19.65)                     |
| Region 4: Kent County                                     | 16.98               | (13.22 - 21.54)                       | 20.54             | (17.17 - 24.37)                     | 20.14             | (17.01 - 23.67)                     |
| Region 5: East Bay                                        | 17.87               | (13.78 - 22.85)                       | 22.88             | (19.17 - 27.06)                     | 22.19             | (18.81 - 25.99)                     |
| Region 6: Newport County                                  | *                   | (* - *)                               | 20.30             | (16.66 - 24.51)                     | 20.02             | (16.64 - 23.89)                     |
| Region 7: South County                                    | 18.42               | (14.29 - 23.41)                       | 20.46             | (16.87 - 24.58)                     | 20.10             | (16.84 - 23.82)                     |
| <b>South Carolina</b>                                     | 12.48               | (10.67 - 14.56)                       | 14.38             | (12.74 - 16.19)                     | 14.12             | (12.61 - 15.77)                     |
| Region 1                                                  | 12.77               | (10.13 - 15.98)                       | 14.64             | (12.12 - 17.57)                     | 14.38             | (12.06 - 17.05)                     |
| Region 2                                                  | 12.91               | (10.20 - 16.22)                       | 14.46             | (12.07 - 17.23)                     | 14.23             | (12.04 - 16.74)                     |
| Region 3                                                  | 11.08               | (8.51 - 14.29)                        | 14.16             | (11.74 - 16.98)                     | 13.76             | (11.53 - 16.35)                     |
| Region 4                                                  | 12.57               | (9.91 - 15.82)                        | 14.17             | (11.90 - 16.79)                     | 13.95             | (11.87 - 16.33)                     |
| <b>South Dakota</b>                                       | 14.45               | (12.41 - 16.77)                       | 15.62             | (13.98 - 17.41)                     | 15.44             | (13.95 - 17.07)                     |
| Region 1                                                  | 13.43               | (10.53 - 16.98)                       | 14.75             | (12.43 - 17.41)                     | 14.56             | (12.42 - 17.01)                     |
| Region 2                                                  | 12.03               | (9.15 - 15.66)                        | 14.24             | (11.57 - 17.40)                     | 13.94             | (11.47 - 16.84)                     |
| Region 3                                                  | 14.82               | (11.83 - 18.41)                       | 15.55             | (13.08 - 18.39)                     | 15.43             | (13.20 - 17.95)                     |
| Region 4                                                  | 16.32               | (12.74 - 20.67)                       | 16.04             | (13.18 - 19.39)                     | 16.09             | (13.45 - 19.12)                     |
| Region 5                                                  | 14.67               | (11.72 - 18.20)                       | 16.65             | (14.06 - 19.60)                     | 16.38             | (14.02 - 19.05)                     |
| <b>Tennessee</b>                                          | 13.05               | (11.18 - 15.18)                       | 16.53             | (14.81 - 18.40)                     | 16.04             | (14.47 - 17.75)                     |
| Region 1                                                  | 14.42               | (11.15 - 18.46)                       | 17.55             | (14.38 - 21.25)                     | 17.17             | (14.23 - 20.57)                     |
| Region 2                                                  | 13.30               | (10.24 - 17.10)                       | 17.39             | (14.56 - 20.64)                     | 16.86             | (14.26 - 19.83)                     |
| Region 3                                                  | 13.09               | (10.13 - 16.76)                       | 16.66             | (13.85 - 19.90)                     | 16.18             | (13.61 - 19.12)                     |
| Region 4 (Davidson)                                       | 12.50               | (9.66 - 16.04)                        | 15.44             | (12.64 - 18.74)                     | 15.00             | (12.44 - 17.98)                     |
| Region 5                                                  | 14.57               | (11.40 - 18.43)                       | 17.88             | (15.08 - 21.08)                     | 17.42             | (14.85 - 20.32)                     |
| Region 6                                                  | 12.81               | (9.75 - 16.65)                        | 16.21             | (13.23 - 19.71)                     | 15.73             | (13.00 - 18.90)                     |
| Region 7 (Shelby)                                         | 10.33               | (7.83 - 13.50)                        | 13.20             | (10.78 - 16.07)                     | 12.74             | (10.54 - 15.32)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                    | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                             | 8.60                | (7.57 - 9.75)                         | 11.69             | (10.79 - 12.65)                     | 11.21             | (10.42 - 12.05)                     |
| Region 1                                                 | 8.97                | (6.82 - 11.71)                        | 12.23             | (10.10 - 14.72)                     | 11.66             | (9.76 - 13.88)                      |
| Region 2                                                 | 10.09               | (7.60 - 13.27)                        | 15.00             | (12.40 - 18.03)                     | 14.22             | (11.89 - 16.93)                     |
| Region 3                                                 | 9.05                | (7.62 - 10.73)                        | 12.09             | (10.75 - 13.58)                     | 11.65             | (10.45 - 12.96)                     |
| Region 3a                                                | 7.92                | (6.35 - 9.83)                         | 11.45             | (9.81 - 13.32)                      | 10.93             | (9.47 - 12.60)                      |
| Region 3bc                                               | 11.06               | (8.74 - 13.90)                        | 13.22             | (11.29 - 15.44)                     | 12.91             | (11.15 - 14.90)                     |
| Region 4                                                 | 9.37                | (7.24 - 12.05)                        | 12.91             | (10.77 - 15.39)                     | 12.42             | (10.48 - 14.66)                     |
| Region 5                                                 | 9.19                | (7.02 - 11.96)                        | 12.50             | (10.19 - 15.24)                     | 12.01             | (9.91 - 14.49)                      |
| Region 6                                                 | 8.33                | (6.79 - 10.18)                        | 11.05             | (9.63 - 12.64)                      | 10.64             | (9.36 - 12.06)                      |
| Region 6a                                                | 8.22                | (6.59 - 10.21)                        | 10.88             | (9.36 - 12.62)                      | 10.48             | (9.11 - 12.02)                      |
| Region 6bc                                               | 9.38                | (7.10 - 12.29)                        | 12.43             | (10.11 - 15.20)                     | 12.01             | (9.87 - 14.54)                      |
| Region 7                                                 | 10.11               | (8.32 - 12.24)                        | 13.47             | (11.77 - 15.37)                     | 12.89             | (11.38 - 14.57)                     |
| Region 7a                                                | 10.44               | (8.15 - 13.28)                        | 13.64             | (11.51 - 16.09)                     | 13.15             | (11.23 - 15.34)                     |
| Region 7bcd                                              | 9.68                | (7.50 - 12.42)                        | 13.15             | (11.00 - 15.66)                     | 12.44             | (10.54 - 14.63)                     |
| Region 8                                                 | 8.21                | (6.45 - 10.41)                        | 11.40             | (9.65 - 13.42)                      | 10.91             | (9.36 - 12.68)                      |
| Region 9                                                 | 8.51                | (6.44 - 11.16)                        | 12.74             | (10.36 - 15.58)                     | 12.07             | (9.94 - 14.58)                      |
| Region 10                                                | 6.31                | (4.75 - 8.32)                         | 8.83              | (7.16 - 10.84)                      | 8.38              | (6.90 - 10.15)                      |
| Region 11                                                | 5.96                | (4.70 - 7.52)                         | 8.57              | (7.25 - 10.11)                      | 8.12              | (6.94 - 9.48)                       |
| Region 11abd                                             | 6.16                | (4.62 - 8.17)                         | 8.96              | (7.30 - 10.95)                      | 8.49              | (7.02 - 10.24)                      |
| Region 11c (Hidalgo)                                     | 5.64                | (4.17 - 7.59)                         | 7.89              | (6.31 - 9.82)                       | 7.48              | (6.08 - 9.17)                       |
| <b>Utah</b>                                              | 15.77               | (13.64 - 18.17)                       | 16.53             | (14.89 - 18.30)                     | 16.38             | (14.90 - 17.98)                     |
| Bear River, Northeastern,<br>Summit, Tooele, and Wasatch | 15.63               | (12.02 - 20.09)                       | 15.81             | (12.95 - 19.15)                     | 15.77             | (13.14 - 18.82)                     |
| Central, Four Corners, San Juan,<br>and Southwest        | 14.00               | (11.21 - 17.34)                       | 15.58             | (13.20 - 18.30)                     | 15.30             | (13.12 - 17.76)                     |
| Central, Four Corners, and<br>San Juan                   | *                   | (* - *)                               | 15.23             | (12.36 - 18.61)                     | 15.00             | (12.36 - 18.08)                     |
| Southwest                                                | 14.04               | (10.69 - 18.22)                       | 15.81             | (12.87 - 19.26)                     | 15.49             | (12.81 - 18.60)                     |
| Davis County                                             | 16.00               | (12.38 - 20.43)                       | 15.52             | (12.77 - 18.73)                     | 15.60             | (13.05 - 18.54)                     |
| Salt Lake County                                         | 16.91               | (13.69 - 20.71)                       | 18.02             | (15.67 - 20.64)                     | 17.84             | (15.69 - 20.21)                     |
| Utah County                                              | 15.29               | (12.03 - 19.24)                       | 15.05             | (12.56 - 17.94)                     | 15.10             | (12.83 - 17.69)                     |
| Weber, Morgan                                            | 14.97               | (11.58 - 19.15)                       | 16.15             | (13.32 - 19.45)                     | 15.96             | (13.36 - 18.95)                     |

See notes at end of table.

(continued)

**Table 12** *Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                 | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 19.75               | (17.07 - 22.74)                       | 20.09             | (18.08 - 22.27)                     | 20.04             | (18.20 - 22.02)                     |
| Champlain Valley                      | 21.82               | (17.98 - 26.20)                       | 21.63             | (18.66 - 24.93)                     | 21.66             | (18.99 - 24.60)                     |
| Rural Northeast                       | 17.68               | (13.89 - 22.24)                       | 20.48             | (17.15 - 24.27)                     | 20.10             | (17.04 - 23.55)                     |
| Rural Southeast                       | 18.56               | (14.58 - 23.34)                       | 18.07             | (15.14 - 21.43)                     | 18.13             | (15.38 - 21.26)                     |
| Rural Southwest                       | 17.54               | (13.63 - 22.29)                       | 18.46             | (15.40 - 21.96)                     | 18.33             | (15.49 - 21.55)                     |
| <b>Virginia</b>                       | 13.57               | (11.85 - 15.49)                       | 16.52             | (15.05 - 18.10)                     | 16.10             | (14.77 - 17.52)                     |
| Region 1                              | 15.27               | (12.03 - 19.18)                       | 16.01             | (13.49 - 18.90)                     | 15.89             | (13.58 - 18.52)                     |
| Region 2                              | 13.16               | (10.67 - 16.14)                       | 15.44             | (13.18 - 17.99)                     | 15.17             | (13.10 - 17.50)                     |
| Region 3                              | 14.97               | (11.96 - 18.58)                       | 20.68             | (17.67 - 24.05)                     | 19.84             | (17.15 - 22.84)                     |
| Region 4                              | 13.69               | (10.88 - 17.10)                       | 16.97             | (14.30 - 20.01)                     | 16.50             | (14.07 - 19.25)                     |
| Region 5                              | 11.66               | (9.26 - 14.59)                        | 14.75             | (12.53 - 17.29)                     | 14.26             | (12.26 - 16.53)                     |
| <b>Washington</b>                     | 14.34               | (12.29 - 16.68)                       | 17.27             | (15.43 - 19.28)                     | 16.87             | (15.19 - 18.69)                     |
| Region 1                              | 14.32               | (11.67 - 17.46)                       | 16.92             | (14.47 - 19.68)                     | 16.50             | (14.28 - 18.99)                     |
| Greater Columbia and North<br>Central | 13.49               | (10.50 - 17.16)                       | 15.81             | (13.03 - 19.04)                     | 15.41             | (12.91 - 18.28)                     |
| Spokane                               | 15.78               | (12.09 - 20.33)                       | 18.48             | (15.14 - 22.37)                     | 18.10             | (15.00 - 21.67)                     |
| Region 2                              | 14.28               | (11.80 - 17.18)                       | 17.19             | (15.01 - 19.62)                     | 16.82             | (14.82 - 19.03)                     |
| King                                  | 14.15               | (11.22 - 17.68)                       | 16.58             | (14.09 - 19.42)                     | 16.28             | (13.98 - 18.88)                     |
| North Sound                           | 14.49               | (11.20 - 18.55)                       | 18.29             | (15.24 - 21.80)                     | 17.77             | (14.98 - 20.96)                     |
| Region 3                              | 14.45               | (12.02 - 17.27)                       | 17.61             | (15.35 - 20.12)                     | 17.18             | (15.10 - 19.48)                     |
| Pierce                                | 14.00               | (10.90 - 17.82)                       | 17.89             | (14.85 - 21.40)                     | 17.33             | (14.55 - 20.50)                     |
| Salish                                | *                   | (* - *)                               | 17.52             | (14.13 - 21.51)                     | 17.17             | (14.03 - 20.84)                     |
| SW WA and Great Rivers                | 14.79               | (11.42 - 18.94)                       | 17.34             | (14.20 - 21.02)                     | 17.02             | (14.11 - 20.38)                     |
| Thurston-Mason                        | *                   | (* - *)                               | *                 | (* - *)                             | 17.19             | (14.08 - 20.83)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 14.42               | (12.38 - 16.74)                       | 18.01             | (16.18 - 19.99)                     | 17.55             | (15.87 - 19.36)                     |
| Region I                      | *                   | (* - *)                               | 18.27             | (14.84 - 22.29)                     | 17.94             | (14.76 - 21.63)                     |
| Region II                     | 13.43               | (10.32 - 17.29)                       | 16.79             | (13.91 - 20.13)                     | 16.36             | (13.71 - 19.41)                     |
| Region III                    | 16.55               | (12.79 - 21.15)                       | 18.23             | (14.89 - 22.13)                     | 18.05             | (14.90 - 21.69)                     |
| Region IV                     | 13.80               | (10.86 - 17.38)                       | 18.26             | (15.36 - 21.58)                     | 17.51             | (14.92 - 20.45)                     |
| Region V                      | 14.84               | (11.87 - 18.40)                       | 17.95             | (15.16 - 21.13)                     | 17.59             | (15.01 - 20.50)                     |
| Region VI                     | 14.17               | (11.09 - 17.93)                       | 18.50             | (15.66 - 21.73)                     | 18.02             | (15.37 - 21.00)                     |
| <b>Wisconsin</b>              | 16.07               | (13.94 - 18.45)                       | 16.79             | (15.05 - 18.70)                     | 16.69             | (15.10 - 18.42)                     |
| Milwaukee                     | 12.59               | (9.78 - 16.07)                        | 14.93             | (12.36 - 17.93)                     | 14.54             | (12.23 - 17.20)                     |
| Northeastern                  | 16.75               | (13.34 - 20.81)                       | 16.74             | (13.99 - 19.90)                     | 16.74             | (14.19 - 19.64)                     |
| Northern                      | 15.71               | (12.14 - 20.10)                       | 16.53             | (13.45 - 20.15)                     | 16.43             | (13.57 - 19.75)                     |
| Southeastern                  | 15.46               | (12.14 - 19.48)                       | 17.06             | (14.30 - 20.24)                     | 16.85             | (14.31 - 19.73)                     |
| Southern                      | 18.03               | (14.64 - 22.01)                       | 17.92             | (15.05 - 21.20)                     | 17.94             | (15.32 - 20.89)                     |
| Western                       | 17.94               | (14.18 - 22.43)                       | 17.16             | (14.08 - 20.74)                     | 17.28             | (14.45 - 20.52)                     |
| <b>Wyoming</b>                | 13.54               | (11.59 - 15.77)                       | 14.60             | (12.95 - 16.41)                     | 14.45             | (12.93 - 16.11)                     |
| Judicial District 1 (Laramie) | 13.81               | (10.56 - 17.87)                       | 16.03             | (13.24 - 19.28)                     | 15.74             | (13.14 - 18.73)                     |
| Judicial District 2           | 14.02               | (11.00 - 17.70)                       | 14.88             | (12.16 - 18.09)                     | 14.64             | (12.24 - 17.41)                     |
| Judicial District 3           | 13.67               | (10.69 - 17.31)                       | 14.26             | (11.67 - 17.31)                     | 14.18             | (11.79 - 16.96)                     |
| Judicial District 4           | *                   | (* - *)                               | 15.51             | (12.42 - 19.20)                     | 15.36             | (12.46 - 18.78)                     |
| Judicial District 5           | 13.09               | (9.97 - 17.00)                        | 14.09             | (11.45 - 17.22)                     | 13.97             | (11.50 - 16.87)                     |
| Judicial District 6           | 13.43               | (10.35 - 17.24)                       | 13.77             | (11.22 - 16.78)                     | 13.72             | (11.34 - 16.51)                     |
| Judicial District 7 (Natrona) | 13.39               | (10.34 - 17.18)                       | 14.27             | (11.65 - 17.36)                     | 14.16             | (11.73 - 16.99)                     |
| Judicial District 8           | 13.63               | (10.38 - 17.70)                       | 14.54             | (11.69 - 17.94)                     | 14.43             | (11.77 - 17.57)                     |
| Judicial District 9           | 12.45               | (9.45 - 16.22)                        | 13.87             | (11.29 - 16.94)                     | 13.70             | (11.27 - 16.56)                     |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: Mental Health Services are defined as having received inpatient treatment/counseling or outpatient treatment/counseling or having used prescription medication for problems with emotions, nerves, or mental health. Respondents were not to include treatment for drug or alcohol use.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs*

| State/Substate Region      | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 8.20                | (7.91 - 8.49)                         | 3.31              | (3.17 - 3.46)                       | 4.01              | (3.88 - 4.14)                       |
| <b>Northeast</b>           | 8.48                | (7.91 - 9.10)                         | 3.24              | (2.95 - 3.57)                       | 3.98              | (3.69 - 4.28)                       |
| <b>Midwest</b>             | 8.40                | (7.92 - 8.90)                         | 3.40              | (3.14 - 3.67)                       | 4.12              | (3.88 - 4.37)                       |
| <b>South</b>               | 7.72                | (7.32 - 8.15)                         | 3.15              | (2.92 - 3.40)                       | 3.80              | (3.58 - 4.03)                       |
| <b>West</b>                | 8.54                | (7.96 - 9.15)                         | 3.56              | (3.25 - 3.89)                       | 4.29              | (3.99 - 4.60)                       |
| <b>Alabama</b>             | 7.48                | (6.15 - 9.08)                         | 3.04              | (2.37 - 3.89)                       | 3.67              | (3.02 - 4.45)                       |
| Region 1                   | 7.92                | (5.90 - 10.55)                        | 3.36              | (2.41 - 4.68)                       | 3.95              | (3.03 - 5.14)                       |
| Region 2                   | 7.41                | (5.52 - 9.87)                         | 2.92              | (2.08 - 4.09)                       | 3.57              | (2.74 - 4.64)                       |
| Region 3                   | 6.79                | (4.97 - 9.22)                         | 2.99              | (2.10 - 4.23)                       | 3.63              | (2.76 - 4.77)                       |
| Region 4                   | 7.79                | (5.81 - 10.37)                        | 2.82              | (1.99 - 3.98)                       | 3.48              | (2.66 - 4.54)                       |
| <b>Alaska</b>              | 11.19               | (9.33 - 13.37)                        | 3.81              | (3.01 - 4.81)                       | 4.97              | (4.18 - 5.89)                       |
| Anchorage                  | 10.96               | (8.60 - 13.86)                        | 3.94              | (2.94 - 5.26)                       | 5.06              | (4.08 - 6.26)                       |
| Northern                   | 11.58               | (8.64 - 15.36)                        | 3.90              | (2.78 - 5.44)                       | 5.30              | (4.13 - 6.78)                       |
| South Central              | 11.13               | (8.37 - 14.66)                        | 3.46              | (2.50 - 4.77)                       | 4.55              | (3.57 - 5.78)                       |
| Southeast                  | 11.31               | (8.31 - 15.22)                        | 4.01              | (2.82 - 5.66)                       | 4.94              | (3.75 - 6.47)                       |
| <b>Arizona</b>             | 8.49                | (6.97 - 10.32)                        | 3.40              | (2.68 - 4.31)                       | 4.14              | (3.44 - 4.97)                       |
| Central                    | 8.77                | (6.87 - 11.12)                        | 3.30              | (2.50 - 4.35)                       | 4.10              | (3.32 - 5.07)                       |
| North                      | 8.36                | (6.05 - 11.44)                        | 3.33              | (2.27 - 4.86)                       | 4.02              | (2.97 - 5.42)                       |
| South                      | 7.98                | (6.10 - 10.36)                        | 3.63              | (2.69 - 4.88)                       | 4.27              | (3.37 - 5.40)                       |
| South A                    | 8.15                | (5.91 - 11.14)                        | 3.87              | (2.72 - 5.49)                       | 4.49              | (3.39 - 5.93)                       |
| South B                    | 7.77                | (5.53 - 10.81)                        | 3.34              | (2.36 - 4.71)                       | 4.00              | (3.02 - 5.27)                       |
| <b>Arkansas</b>            | 7.99                | (6.60 - 9.65)                         | 3.68              | (2.90 - 4.66)                       | 4.30              | (3.55 - 5.20)                       |
| Catchment Area 1           | 7.70                | (5.55 - 10.58)                        | 3.69              | (2.60 - 5.22)                       | 4.33              | (3.26 - 5.74)                       |
| Catchment Area 2           | 9.00                | (6.51 - 12.32)                        | 3.67              | (2.58 - 5.20)                       | 4.33              | (3.25 - 5.75)                       |
| Catchment Area 3           | 7.92                | (5.77 - 10.78)                        | 3.60              | (2.58 - 5.00)                       | 4.23              | (3.23 - 5.53)                       |
| Catchment Area 4           | 8.11                | (5.86 - 11.13)                        | 3.84              | (2.69 - 5.47)                       | 4.43              | (3.30 - 5.90)                       |
| Catchment Area 5           | 8.37                | (6.16 - 11.28)                        | 3.94              | (2.78 - 5.55)                       | 4.65              | (3.54 - 6.09)                       |
| Catchment Area 6           | 7.13                | (5.03 - 10.02)                        | 3.24              | (2.27 - 4.61)                       | 3.80              | (2.85 - 5.06)                       |
| Catchment Area 7           | *                   | (* - *)                               | 3.43              | (2.36 - 4.97)                       | 4.01              | (2.95 - 5.43)                       |
| Catchment Area 8           | 7.79                | (5.57 - 10.79)                        | 3.73              | (2.63 - 5.27)                       | 4.26              | (3.20 - 5.65)                       |

See notes at end of table.

(continued)



**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 8.01                | (7.14 - 8.98)                         | 3.25              | (2.84 - 3.72)                       | 3.96              | (3.57 - 4.40)                       |
| Region 1R                   | 9.21                | (6.86 - 12.25)                        | 3.83              | (2.84 - 5.14)                       | 4.59              | (3.62 - 5.81)                       |
| Region 2R                   | 8.97                | (6.71 - 11.91)                        | 3.52              | (2.60 - 4.75)                       | 4.34              | (3.42 - 5.49)                       |
| Region 3R (Sacramento)      | 8.32                | (6.23 - 11.04)                        | 3.25              | (2.42 - 4.35)                       | 3.99              | (3.17 - 5.01)                       |
| Region 4R                   | 8.08                | (5.97 - 10.85)                        | 3.51              | (2.62 - 4.71)                       | 4.10              | (3.22 - 5.21)                       |
| Region 5R (San Francisco)   | 7.90                | (5.73 - 10.79)                        | 4.23              | (3.14 - 5.68)                       | 4.59              | (3.53 - 5.95)                       |
| Region 6 (Santa Clara)      | 8.64                | (6.52 - 11.38)                        | 2.95              | (2.19 - 3.98)                       | 3.69              | (2.92 - 4.64)                       |
| Region 7R (Contra Costa)    | 9.76                | (7.25 - 13.02)                        | 3.03              | (2.23 - 4.09)                       | 3.91              | (3.10 - 4.93)                       |
| Region 8R (Alameda)         | 8.47                | (6.33 - 11.25)                        | 3.41              | (2.53 - 4.58)                       | 4.08              | (3.20 - 5.19)                       |
| Region 9R (San Mateo)       | 7.96                | (5.84 - 10.76)                        | 3.02              | (2.20 - 4.15)                       | 3.57              | (2.76 - 4.62)                       |
| Region 10                   | 8.91                | (6.65 - 11.82)                        | 3.77              | (2.76 - 5.12)                       | 4.61              | (3.63 - 5.85)                       |
| Region 11 (Los Angeles)     | 7.79                | (6.72 - 9.01)                         | 3.13              | (2.65 - 3.70)                       | 3.83              | (3.37 - 4.36)                       |
| LA SPA 1 and 5              | 8.76                | (6.48 - 11.75)                        | 3.40              | (2.53 - 4.54)                       | 4.20              | (3.32 - 5.30)                       |
| LA SPA 2                    | 8.25                | (6.23 - 10.84)                        | 3.22              | (2.43 - 4.26)                       | 3.92              | (3.13 - 4.89)                       |
| LA SPA 3                    | 7.48                | (5.59 - 9.95)                         | 2.61              | (1.90 - 3.57)                       | 3.32              | (2.61 - 4.23)                       |
| LA SPA 4                    | 7.97                | (5.91 - 10.68)                        | 4.08              | (2.99 - 5.55)                       | 4.60              | (3.58 - 5.90)                       |
| LA SPA 6                    | 7.79                | (5.81 - 10.38)                        | 2.89              | (2.12 - 3.94)                       | 3.87              | (3.06 - 4.88)                       |
| LA SPA 7                    | 7.16                | (5.30 - 9.59)                         | 2.72              | (2.00 - 3.69)                       | 3.46              | (2.74 - 4.36)                       |
| LA SPA 8                    | 7.27                | (5.40 - 9.72)                         | 3.14              | (2.35 - 4.18)                       | 3.73              | (2.95 - 4.70)                       |
| Region 12R                  | 8.96                | (6.71 - 11.87)                        | 3.54              | (2.59 - 4.84)                       | 4.38              | (3.44 - 5.57)                       |
| Regions 13 and 19R          | 7.77                | (5.96 - 10.08)                        | 3.03              | (2.29 - 3.99)                       | 3.82              | (3.09 - 4.71)                       |
| Region 14 (Orange)          | 7.98                | (6.05 - 10.45)                        | 3.07              | (2.33 - 4.04)                       | 3.78              | (3.04 - 4.70)                       |
| Region 15R (Fresno)         | 8.42                | (6.30 - 11.17)                        | 3.47              | (2.53 - 4.74)                       | 4.35              | (3.40 - 5.55)                       |
| Region 16R (San Diego)      | 7.23                | (5.41 - 9.59)                         | 3.27              | (2.49 - 4.27)                       | 3.88              | (3.12 - 4.81)                       |
| Region 17R                  | 7.92                | (6.04 - 10.33)                        | 3.32              | (2.53 - 4.34)                       | 4.12              | (3.34 - 5.09)                       |
| Region 18R (San Bernardino) | 6.89                | (5.15 - 9.15)                         | 2.82              | (2.09 - 3.80)                       | 3.53              | (2.80 - 4.43)                       |
| Region 20R                  | 7.49                | (5.48 - 10.16)                        | 3.57              | (2.60 - 4.89)                       | 4.23              | (3.28 - 5.45)                       |
| Region 21R                  | 8.51                | (6.30 - 11.40)                        | 3.30              | (2.43 - 4.48)                       | 4.17              | (3.30 - 5.25)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                     | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 8.95                | (7.46 - 10.71)                        | 4.15              | (3.29 - 5.22)                       | 4.84              | (4.02 - 5.81)                       |
| Region 1                                  | 8.48                | (6.22 - 11.47)                        | 4.30              | (3.05 - 6.04)                       | 4.91              | (3.71 - 6.45)                       |
| Region 2                                  | 8.48                | (6.08 - 11.71)                        | 4.45              | (3.09 - 6.37)                       | 5.07              | (3.76 - 6.80)                       |
| Region 3                                  | 9.83                | (7.42 - 12.92)                        | 3.85              | (2.78 - 5.30)                       | 4.68              | (3.62 - 6.02)                       |
| Region 4                                  | 8.85                | (6.40 - 12.10)                        | 3.92              | (2.70 - 5.67)                       | 4.60              | (3.41 - 6.17)                       |
| Region 5                                  | 8.37                | (6.13 - 11.33)                        | 4.43              | (3.18 - 6.14)                       | 4.96              | (3.77 - 6.50)                       |
| Region 6                                  | 9.34                | (6.85 - 12.63)                        | 4.14              | (2.97 - 5.73)                       | 4.87              | (3.72 - 6.36)                       |
| Region 7                                  | 8.37                | (6.03 - 11.51)                        | 4.22              | (2.99 - 5.94)                       | 4.89              | (3.71 - 6.42)                       |
| <b>Connecticut</b>                        | 8.16                | (6.69 - 9.91)                         | 2.89              | (2.23 - 3.73)                       | 3.62              | (2.98 - 4.40)                       |
| Eastern                                   | 9.98                | (7.25 - 13.58)                        | 3.25              | (2.27 - 4.61)                       | 4.42              | (3.40 - 5.74)                       |
| North Central                             | 7.49                | (5.51 - 10.09)                        | 2.71              | (1.94 - 3.77)                       | 3.35              | (2.58 - 4.34)                       |
| Northwestern                              | 8.37                | (6.08 - 11.43)                        | 2.97              | (2.05 - 4.28)                       | 3.65              | (2.73 - 4.86)                       |
| South Central                             | 8.11                | (5.96 - 10.94)                        | 2.91              | (2.03 - 4.17)                       | 3.65              | (2.76 - 4.81)                       |
| Southwest                                 | 7.49                | (5.44 - 10.23)                        | 2.83              | (1.95 - 4.08)                       | 3.45              | (2.58 - 4.60)                       |
| <b>Delaware</b>                           | 8.79                | (7.26 - 10.60)                        | 3.41              | (2.68 - 4.33)                       | 4.14              | (3.43 - 4.98)                       |
| Kent                                      | 8.16                | (6.01 - 11.00)                        | 3.55              | (2.48 - 5.05)                       | 4.25              | (3.20 - 5.62)                       |
| New Castle (excluding<br>Wilmington City) | 9.24                | (7.26 - 11.69)                        | 3.40              | (2.50 - 4.61)                       | 4.24              | (3.37 - 5.34)                       |
| Sussex                                    | 8.72                | (6.40 - 11.78)                        | 3.34              | (2.39 - 4.66)                       | 3.88              | (2.95 - 5.10)                       |
| Wilmington City                           | 7.39                | (5.17 - 10.47)                        | 3.40              | (2.37 - 4.87)                       | 3.95              | (2.94 - 5.27)                       |
| <b>District of Columbia</b>               | 7.40                | (6.05 - 9.02)                         | 3.56              | (2.83 - 4.47)                       | 4.22              | (3.53 - 5.04)                       |
| Ward 1                                    | 7.19                | (5.17 - 9.93)                         | 3.87              | (2.76 - 5.40)                       | 4.47              | (3.40 - 5.85)                       |
| Ward 2                                    | 8.35                | (6.06 - 11.39)                        | 4.56              | (3.28 - 6.32)                       | 5.55              | (4.32 - 7.10)                       |
| Ward 3                                    | 8.72                | (6.26 - 12.02)                        | 3.98              | (2.85 - 5.55)                       | 4.77              | (3.64 - 6.22)                       |
| Ward 4                                    | 7.02                | (4.92 - 9.93)                         | 3.16              | (2.24 - 4.44)                       | 3.59              | (2.69 - 4.77)                       |
| Ward 5                                    | 7.76                | (5.50 - 10.83)                        | 2.96              | (2.08 - 4.20)                       | 3.76              | (2.87 - 4.92)                       |
| Ward 6                                    | 6.88                | (4.94 - 9.51)                         | 4.01              | (2.91 - 5.50)                       | 4.36              | (3.32 - 5.70)                       |
| Ward 7                                    | 5.94                | (4.25 - 8.24)                         | 2.73              | (1.92 - 3.87)                       | 3.26              | (2.47 - 4.29)                       |
| Ward 8                                    | 6.28                | (4.43 - 8.83)                         | 3.04              | (2.13 - 4.33)                       | 3.67              | (2.78 - 4.85)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                                   | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 7.73                | (6.83 - 8.73)                         | 2.68              | (2.25 - 3.20)                       | 3.31              | (2.90 - 3.77)                       |
| Broward (Circuit 17)                                                    | 7.51                | (5.73 - 9.80)                         | 2.45              | (1.77 - 3.37)                       | 3.05              | (2.38 - 3.91)                       |
| Central I                                                               | 7.36                | (5.93 - 9.10)                         | 2.64              | (2.05 - 3.40)                       | 3.32              | (2.74 - 4.01)                       |
| Circuit 9                                                               | 7.07                | (5.40 - 9.21)                         | 2.57              | (1.88 - 3.51)                       | 3.28              | (2.60 - 4.14)                       |
| Circuit 18                                                              | 7.91                | (5.85 - 10.63)                        | 2.74              | (1.97 - 3.81)                       | 3.36              | (2.59 - 4.36)                       |
| Central II                                                              | 7.97                | (6.73 - 9.42)                         | 2.78              | (2.26 - 3.41)                       | 3.36              | (2.86 - 3.94)                       |
| Circuit 6                                                               | 8.00                | (5.96 - 10.66)                        | 2.84              | (2.07 - 3.88)                       | 3.35              | (2.60 - 4.31)                       |
| Circuit 10                                                              | 7.30                | (5.41 - 9.79)                         | 3.04              | (2.18 - 4.23)                       | 3.57              | (2.73 - 4.66)                       |
| Circuit 12                                                              | 8.46                | (6.19 - 11.47)                        | 2.79              | (1.95 - 3.98)                       | 3.32              | (2.49 - 4.41)                       |
| Circuit 13 (Hillsborough)                                               | 7.98                | (6.07 - 10.43)                        | 2.63              | (1.94 - 3.56)                       | 3.37              | (2.68 - 4.24)                       |
| Circuit 20                                                              | 8.13                | (5.91 - 11.09)                        | 2.70              | (1.92 - 3.77)                       | 3.24              | (2.46 - 4.24)                       |
| Northeast                                                               | 8.01                | (6.71 - 9.54)                         | 2.84              | (2.27 - 3.56)                       | 3.50              | (2.94 - 4.16)                       |
| Circuit 4                                                               | 7.88                | (5.90 - 10.46)                        | 2.87              | (2.07 - 3.99)                       | 3.56              | (2.76 - 4.58)                       |
| Circuit 5                                                               | 8.44                | (6.29 - 11.24)                        | 2.65              | (1.87 - 3.72)                       | 3.18              | (2.41 - 4.19)                       |
| Circuit 7                                                               | 7.89                | (5.87 - 10.52)                        | 2.87              | (2.05 - 3.99)                       | 3.44              | (2.63 - 4.48)                       |
| Circuit 8 plus Columbia, Dixie,<br>Hamilton, Lafayette, and<br>Suwannee | 7.90                | (5.75 - 10.77)                        | 3.20              | (2.31 - 4.41)                       | 4.12              | (3.21 - 5.27)                       |
| Northwest                                                               | 8.55                | (7.02 - 10.38)                        | 3.11              | (2.44 - 3.94)                       | 3.98              | (3.33 - 4.75)                       |
| Circuit 1                                                               | 8.19                | (6.19 - 10.78)                        | 3.17              | (2.28 - 4.39)                       | 3.88              | (3.02 - 4.98)                       |
| Circuit 2 plus Madison and<br>Taylor                                    | 9.03                | (6.77 - 11.94)                        | 3.07              | (2.21 - 4.26)                       | 4.34              | (3.42 - 5.48)                       |
| Circuit 14                                                              | 8.32                | (6.11 - 11.25)                        | 3.01              | (2.14 - 4.23)                       | 3.68              | (2.79 - 4.82)                       |
| South (Circuits 11 and 16)                                              | 7.05                | (5.41 - 9.14)                         | 2.25              | (1.66 - 3.06)                       | 2.87              | (2.27 - 3.61)                       |
| Southeast                                                               | 7.43                | (5.90 - 9.32)                         | 2.65              | (2.01 - 3.47)                       | 3.17              | (2.55 - 3.93)                       |
| Circuit 15 (Palm Beach)                                                 | 7.57                | (5.68 - 10.01)                        | 2.58              | (1.85 - 3.58)                       | 3.13              | (2.40 - 4.06)                       |
| Circuit 19                                                              | 7.12                | (5.20 - 9.67)                         | 2.80              | (1.99 - 3.92)                       | 3.26              | (2.47 - 4.29)                       |
| <b>Georgia</b>                                                          | 7.34                | (6.23 - 8.63)                         | 3.52              | (2.85 - 4.34)                       | 4.09              | (3.45 - 4.83)                       |
| Region 1                                                                | 7.32                | (5.50 - 9.69)                         | 3.66              | (2.74 - 4.87)                       | 4.14              | (3.26 - 5.24)                       |
| Region 2                                                                | 7.26                | (5.34 - 9.80)                         | 3.99              | (2.89 - 5.49)                       | 4.53              | (3.49 - 5.87)                       |
| Region 3                                                                | 7.84                | (6.12 - 10.00)                        | 3.09              | (2.25 - 4.23)                       | 3.77              | (2.96 - 4.80)                       |
| Region 4                                                                | 7.71                | (5.55 - 10.63)                        | 3.66              | (2.65 - 5.03)                       | 4.33              | (3.35 - 5.59)                       |
| Region 5                                                                | 6.73                | (4.91 - 9.15)                         | 3.96              | (2.85 - 5.48)                       | 4.41              | (3.37 - 5.76)                       |
| Region 6                                                                | 6.83                | (4.95 - 9.36)                         | 3.35              | (2.42 - 4.63)                       | 3.87              | (2.97 - 5.04)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region           | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 8.06                | (6.52 - 9.92)                         | 3.26              | (2.52 - 4.21)                       | 3.88              | (3.17 - 4.74)                       |
| Hawaii Island                   | 7.41                | (5.30 - 10.27)                        | 3.04              | (2.14 - 4.29)                       | 3.57              | (2.69 - 4.74)                       |
| Honolulu                        | 8.20                | (6.42 - 10.43)                        | 3.24              | (2.41 - 4.33)                       | 3.90              | (3.11 - 4.89)                       |
| Kauai                           | 8.07                | (5.66 - 11.39)                        | 3.12              | (2.13 - 4.55)                       | 3.67              | (2.69 - 5.00)                       |
| Maui                            | 7.82                | (5.58 - 10.87)                        | 3.73              | (2.61 - 5.31)                       | 4.21              | (3.12 - 5.65)                       |
| <b>Idaho</b>                    | 8.56                | (7.15 - 10.23)                        | 4.14              | (3.35 - 5.10)                       | 4.78              | (4.04 - 5.65)                       |
| Region 1                        | 9.11                | (6.63 - 12.40)                        | 3.96              | (2.83 - 5.51)                       | 4.57              | (3.47 - 5.99)                       |
| Region 2                        | 8.41                | (6.01 - 11.66)                        | 3.68              | (2.57 - 5.25)                       | 4.51              | (3.41 - 5.94)                       |
| Region 3                        | 8.05                | (5.86 - 10.95)                        | 4.74              | (3.41 - 6.54)                       | 5.21              | (3.99 - 6.79)                       |
| Region 4                        | 8.75                | (6.62 - 11.47)                        | 4.25              | (3.15 - 5.69)                       | 4.83              | (3.80 - 6.13)                       |
| Region 5                        | 7.82                | (5.69 - 10.65)                        | 3.78              | (2.72 - 5.23)                       | 4.34              | (3.31 - 5.66)                       |
| Region 6                        | *                   | (* - *)                               | 4.18              | (3.00 - 5.79)                       | 4.87              | (3.73 - 6.33)                       |
| Region 7                        | 8.80                | (6.44 - 11.92)                        | 3.95              | (2.86 - 5.42)                       | 4.85              | (3.79 - 6.19)                       |
| <b>Illinois</b>                 | 7.83                | (6.81 - 8.98)                         | 3.28              | (2.76 - 3.89)                       | 3.92              | (3.43 - 4.49)                       |
| Region 1 (Cook)                 | 7.67                | (6.43 - 9.12)                         | 3.23              | (2.62 - 3.97)                       | 3.84              | (3.26 - 4.51)                       |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | 4.09              | (2.96 - 5.63)                       | 4.57              | (3.48 - 5.98)                       |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | 3.64              | (2.58 - 5.11)                       | 4.12              | (3.09 - 5.46)                       |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | 4.52              | (3.30 - 6.16)                       | 5.00              | (3.84 - 6.49)                       |
| Region 1.4 (West Side)          | 7.17                | (5.31 - 9.61)                         | 3.58              | (2.60 - 4.92)                       | 4.17              | (3.23 - 5.37)                       |
| Region 1.5 (South Side)         | 7.25                | (5.20 - 10.03)                        | 3.08              | (2.16 - 4.38)                       | 3.71              | (2.81 - 4.89)                       |
| Region 1.6 (Southwest Side)     | 6.54                | (4.72 - 8.99)                         | 3.03              | (2.15 - 4.26)                       | 3.61              | (2.75 - 4.73)                       |
| Region 1.7 (Suburban Cook)      | 8.02                | (6.16 - 10.39)                        | 2.75              | (2.03 - 3.73)                       | 3.43              | (2.72 - 4.32)                       |
| Region 2                        | 7.37                | (6.06 - 8.95)                         | 3.07              | (2.48 - 3.79)                       | 3.68              | (3.11 - 4.34)                       |
| Region 2a (DuPage)              | 8.02                | (5.90 - 10.81)                        | 2.86              | (2.10 - 3.89)                       | 3.55              | (2.77 - 4.54)                       |
| Region 2b                       | 6.77                | (5.09 - 8.95)                         | 2.89              | (2.17 - 3.83)                       | 3.45              | (2.75 - 4.32)                       |
| Region 2c (Winnebago)           | *                   | (* - *)                               | 4.35              | (3.04 - 6.20)                       | 4.88              | (3.62 - 6.53)                       |
| Region 2d                       | 8.09                | (5.98 - 10.85)                        | 3.38              | (2.49 - 4.56)                       | 4.09              | (3.22 - 5.17)                       |
| Region 3                        | 8.53                | (6.79 - 10.67)                        | 3.77              | (2.89 - 4.91)                       | 4.55              | (3.72 - 5.57)                       |
| Region 3a (Champaign)           | 8.10                | (5.88 - 11.07)                        | 3.83              | (2.77 - 5.27)                       | 5.03              | (3.95 - 6.39)                       |
| Region 3b                       | 8.67                | (6.58 - 11.35)                        | 3.76              | (2.81 - 5.01)                       | 4.47              | (3.56 - 5.61)                       |
| Region 4                        | 8.56                | (6.59 - 11.05)                        | 3.61              | (2.76 - 4.72)                       | 4.28              | (3.45 - 5.31)                       |
| Region 4a (Sangamon)            | *                   | (* - *)                               | 3.83              | (2.71 - 5.39)                       | 4.39              | (3.31 - 5.82)                       |
| Region 4b                       | 8.62                | (6.35 - 11.59)                        | 3.55              | (2.61 - 4.81)                       | 4.25              | (3.32 - 5.42)                       |
| Region 5                        | 8.52                | (6.74 - 10.72)                        | 3.37              | (2.61 - 4.35)                       | 4.07              | (3.32 - 4.99)                       |
| Region 5a                       | 7.86                | (5.68 - 10.78)                        | 3.40              | (2.44 - 4.72)                       | 4.01              | (3.06 - 5.23)                       |
| Region 5b                       | 9.04                | (6.75 - 12.02)                        | 3.35              | (2.44 - 4.59)                       | 4.13              | (3.22 - 5.29)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 8.78                | (7.34 - 10.47)                        | 3.40              | (2.70 - 4.27)                       | 4.20              | (3.52 - 5.01)                       |
| Central                                     | 8.25                | (6.19 - 10.90)                        | 3.23              | (2.36 - 4.41)                       | 3.92              | (3.07 - 5.00)                       |
| East                                        | 8.52                | (6.16 - 11.68)                        | 3.45              | (2.40 - 4.94)                       | 4.26              | (3.22 - 5.63)                       |
| North Central                               | 9.15                | (6.64 - 12.49)                        | 3.51              | (2.47 - 4.97)                       | 4.33              | (3.28 - 5.68)                       |
| Northeast                                   | 8.57                | (6.27 - 11.63)                        | 3.50              | (2.45 - 4.98)                       | 4.23              | (3.20 - 5.58)                       |
| Northwest                                   | 8.50                | (6.18 - 11.58)                        | 3.04              | (2.14 - 4.28)                       | 3.81              | (2.90 - 4.98)                       |
| Southeast                                   | 10.02               | (7.31 - 13.59)                        | 3.48              | (2.43 - 4.95)                       | 4.30              | (3.23 - 5.70)                       |
| Southwest                                   | 8.91                | (6.50 - 12.09)                        | 3.61              | (2.52 - 5.13)                       | 4.34              | (3.27 - 5.74)                       |
| West                                        | 8.98                | (6.56 - 12.17)                        | 3.67              | (2.62 - 5.13)                       | 4.84              | (3.75 - 6.24)                       |
| <b>Iowa</b>                                 | 8.56                | (7.15 - 10.21)                        | 3.08              | (2.41 - 3.93)                       | 3.91              | (3.25 - 4.70)                       |
| Central                                     | 8.30                | (6.09 - 11.20)                        | 3.25              | (2.28 - 4.62)                       | 3.97              | (3.00 - 5.23)                       |
| North Central                               | 8.64                | (6.38 - 11.61)                        | 2.81              | (1.96 - 4.01)                       | 3.92              | (3.03 - 5.07)                       |
| Northeast                                   | 8.74                | (6.57 - 11.53)                        | 3.26              | (2.33 - 4.53)                       | 4.09              | (3.17 - 5.25)                       |
| Northwest                                   | 7.90                | (5.74 - 10.77)                        | 2.64              | (1.84 - 3.78)                       | 3.37              | (2.55 - 4.44)                       |
| Southeast                                   | 9.01                | (6.69 - 12.02)                        | 3.20              | (2.28 - 4.46)                       | 4.13              | (3.19 - 5.32)                       |
| Southwest                                   | 8.34                | (6.06 - 11.37)                        | 3.05              | (2.11 - 4.39)                       | 3.72              | (2.78 - 4.96)                       |
| <b>Kansas</b>                               | 8.31                | (6.80 - 10.11)                        | 3.58              | (2.88 - 4.45)                       | 4.31              | (3.63 - 5.10)                       |
| Northeast                                   | 8.51                | (6.52 - 11.03)                        | 3.57              | (2.73 - 4.65)                       | 4.37              | (3.54 - 5.37)                       |
| Northwest and North Central                 | *                   | (* - *)                               | 3.24              | (2.24 - 4.67)                       | 3.96              | (2.94 - 5.31)                       |
| South Central                               | 8.03                | (5.97 - 10.72)                        | 3.81              | (2.78 - 5.20)                       | 4.42              | (3.44 - 5.67)                       |
| Southeast                                   | *                   | (* - *)                               | 3.63              | (2.56 - 5.13)                       | 4.29              | (3.25 - 5.66)                       |
| Southwest                                   | 7.60                | (5.39 - 10.63)                        | 2.96              | (2.07 - 4.23)                       | 3.69              | (2.79 - 4.87)                       |
| <b>Kentucky</b>                             | 8.40                | (6.96 - 10.11)                        | 4.02              | (3.21 - 5.03)                       | 4.64              | (3.87 - 5.56)                       |
| Adanta, Cumberland River, and<br>Lifeskills | 8.21                | (6.02 - 11.09)                        | 4.32              | (3.06 - 6.06)                       | 4.88              | (3.68 - 6.44)                       |
| Bluegrass, Comprehend, and<br>North Key     | 8.68                | (6.52 - 11.46)                        | 4.29              | (3.14 - 5.83)                       | 4.94              | (3.85 - 6.32)                       |
| Centerstone                                 | 8.11                | (5.89 - 11.08)                        | 3.51              | (2.53 - 4.85)                       | 4.12              | (3.15 - 5.38)                       |
| Communicare and River Valley                | 8.38                | (6.06 - 11.49)                        | 3.76              | (2.60 - 5.40)                       | 4.40              | (3.28 - 5.87)                       |
| Four Rivers and Pennyroyal                  | 8.18                | (5.92 - 11.21)                        | 3.90              | (2.73 - 5.53)                       | 4.53              | (3.41 - 5.99)                       |
| Kentucky River, Mountain, and<br>Pathways   | 8.68                | (6.23 - 11.97)                        | 4.30              | (3.05 - 6.03)                       | 4.88              | (3.67 - 6.46)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 7.30                | (6.02 - 8.82)                         | 3.64              | (2.87 - 4.60)                       | 4.18              | (3.45 - 5.05)                       |
| Regions 1 and 10      | 7.29                | (5.56 - 9.51)                         | 3.56              | (2.62 - 4.83)                       | 4.08              | (3.16 - 5.24)                       |
| Region 1              | 6.98                | (4.91 - 9.82)                         | 3.50              | (2.42 - 5.03)                       | 4.03              | (2.99 - 5.42)                       |
| Region 10 (Jefferson) | 7.73                | (5.53 - 10.72)                        | 3.63              | (2.51 - 5.24)                       | 4.13              | (3.02 - 5.61)                       |
| Regions 2 and 9       | 7.10                | (5.28 - 9.48)                         | 3.48              | (2.50 - 4.83)                       | 4.03              | (3.09 - 5.24)                       |
| Region 3              | 7.70                | (5.60 - 10.49)                        | 3.57              | (2.49 - 5.10)                       | 4.15              | (3.10 - 5.54)                       |
| Regions 4, 5, and 6   | 7.88                | (5.76 - 10.70)                        | 3.81              | (2.71 - 5.34)                       | 4.41              | (3.35 - 5.78)                       |
| Regions 7 and 8       | 6.69                | (4.92 - 9.03)                         | 3.73              | (2.68 - 5.17)                       | 4.18              | (3.20 - 5.44)                       |
| <b>Maine</b>          | 7.92                | (6.50 - 9.61)                         | 3.26              | (2.56 - 4.14)                       | 3.81              | (3.14 - 4.63)                       |
| Aroostook/Downeast    | 8.09                | (6.14 - 10.58)                        | 3.27              | (2.36 - 4.51)                       | 3.79              | (2.90 - 4.94)                       |
| Aroostook             | 8.22                | (5.79 - 11.55)                        | 2.98              | (2.05 - 4.32)                       | 3.57              | (2.63 - 4.84)                       |
| Downeast              | 7.97                | (5.69 - 11.05)                        | 3.49              | (2.36 - 5.15)                       | 3.97              | (2.86 - 5.48)                       |
| Central               | 8.43                | (6.04 - 11.63)                        | 3.45              | (2.40 - 4.93)                       | 4.03              | (3.00 - 5.39)                       |
| Cumberland            | 8.17                | (5.99 - 11.06)                        | 3.34              | (2.34 - 4.77)                       | 3.93              | (2.95 - 5.23)                       |
| Midcoast              | 7.92                | (5.60 - 11.08)                        | 2.97              | (2.06 - 4.28)                       | 3.47              | (2.55 - 4.69)                       |
| Penquis               | 7.35                | (5.26 - 10.18)                        | 3.33              | (2.34 - 4.72)                       | 3.92              | (2.96 - 5.17)                       |
| Western               | 7.89                | (5.75 - 10.75)                        | 3.20              | (2.25 - 4.53)                       | 3.78              | (2.85 - 5.00)                       |
| York                  | 7.61                | (5.52 - 10.41)                        | 3.16              | (2.22 - 4.50)                       | 3.66              | (2.73 - 4.90)                       |
| <b>Maryland</b>       | 8.16                | (6.78 - 9.79)                         | 3.20              | (2.55 - 4.02)                       | 3.88              | (3.24 - 4.64)                       |
| Anne Arundel          | 9.54                | (6.88 - 13.09)                        | 3.28              | (2.31 - 4.64)                       | 4.09              | (3.09 - 5.40)                       |
| Baltimore City        | 7.04                | (5.02 - 9.79)                         | 3.42              | (2.44 - 4.76)                       | 3.99              | (3.05 - 5.20)                       |
| Baltimore County      | 8.90                | (6.40 - 12.26)                        | 3.21              | (2.26 - 4.54)                       | 3.98              | (3.01 - 5.24)                       |
| Montgomery            | 7.47                | (5.38 - 10.27)                        | 3.03              | (2.18 - 4.21)                       | 3.54              | (2.69 - 4.65)                       |
| North Central         | 9.39                | (6.81 - 12.81)                        | 3.15              | (2.20 - 4.49)                       | 3.95              | (2.99 - 5.20)                       |
| Northeast             | 8.97                | (6.49 - 12.27)                        | 3.17              | (2.20 - 4.56)                       | 3.91              | (2.94 - 5.18)                       |
| Prince George's       | 6.99                | (5.01 - 9.69)                         | 2.93              | (2.07 - 4.13)                       | 3.56              | (2.69 - 4.68)                       |
| South                 | 8.46                | (6.13 - 11.57)                        | 3.48              | (2.45 - 4.92)                       | 4.22              | (3.19 - 5.55)                       |
| West                  | 8.39                | (6.05 - 11.54)                        | 3.44              | (2.43 - 4.86)                       | 4.10              | (3.09 - 5.42)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 8.05                | (6.62 - 9.75)                         | 3.28              | (2.59 - 4.14)                       | 3.98              | (3.32 - 4.77)                       |
| Boston                | 8.13                | (5.93 - 11.06)                        | 3.70              | (2.64 - 5.15)                       | 4.62              | (3.60 - 5.91)                       |
| Central               | 7.73                | (5.55 - 10.68)                        | 3.39              | (2.38 - 4.80)                       | 4.02              | (3.03 - 5.31)                       |
| Metrowest             | 8.43                | (6.16 - 11.42)                        | 3.14              | (2.26 - 4.35)                       | 3.85              | (2.97 - 4.99)                       |
| Northeast             | 7.79                | (5.65 - 10.66)                        | 3.06              | (2.20 - 4.25)                       | 3.69              | (2.85 - 4.77)                       |
| Southeast             | 8.04                | (5.85 - 10.97)                        | 3.15              | (2.23 - 4.42)                       | 3.78              | (2.87 - 4.95)                       |
| Western               | 7.97                | (5.81 - 10.85)                        | 3.58              | (2.49 - 5.11)                       | 4.31              | (3.26 - 5.69)                       |
| <b>Michigan</b>       | 8.31                | (7.24 - 9.50)                         | 3.28              | (2.76 - 3.90)                       | 4.01              | (3.51 - 4.58)                       |
| Region 1              | 8.25                | (5.93 - 11.37)                        | 3.23              | (2.30 - 4.51)                       | 3.94              | (3.02 - 5.13)                       |
| Region 2              | 9.54                | (7.02 - 12.83)                        | 3.00              | (2.12 - 4.22)                       | 3.70              | (2.82 - 4.85)                       |
| Region 3              | 8.50                | (6.51 - 11.03)                        | 3.88              | (2.88 - 5.21)                       | 4.58              | (3.64 - 5.76)                       |
| Region 4              | 8.32                | (6.27 - 10.97)                        | 3.70              | (2.73 - 5.01)                       | 4.40              | (3.45 - 5.59)                       |
| Region 5              | 8.86                | (6.96 - 11.21)                        | 3.44              | (2.63 - 4.49)                       | 4.36              | (3.56 - 5.31)                       |
| Region 6              | 8.50                | (6.34 - 11.31)                        | 3.44              | (2.48 - 4.74)                       | 4.28              | (3.34 - 5.46)                       |
| Region 7              | 7.51                | (5.74 - 9.76)                         | 2.79              | (2.07 - 3.76)                       | 3.49              | (2.77 - 4.40)                       |
| Region 8              | 7.94                | (5.96 - 10.50)                        | 2.78              | (2.05 - 3.74)                       | 3.41              | (2.69 - 4.32)                       |
| Region 9              | 8.35                | (6.29 - 11.00)                        | 3.17              | (2.32 - 4.31)                       | 3.82              | (2.99 - 4.87)                       |
| Region 10             | 7.98                | (5.85 - 10.79)                        | 3.73              | (2.68 - 5.16)                       | 4.30              | (3.29 - 5.59)                       |
| <b>Minnesota</b>      | 8.48                | (7.06 - 10.17)                        | 3.51              | (2.82 - 4.37)                       | 4.20              | (3.53 - 4.99)                       |
| Regions 1 and 2       | 8.75                | (6.64 - 11.44)                        | 3.56              | (2.63 - 4.81)                       | 4.25              | (3.32 - 5.42)                       |
| Region 1              | *                   | (* - *)                               | 3.24              | (2.23 - 4.67)                       | 4.00              | (2.98 - 5.36)                       |
| Region 2              | *                   | (* - *)                               | 3.76              | (2.65 - 5.30)                       | 4.39              | (3.30 - 5.83)                       |
| Regions 3 and 4       | 8.66                | (6.67 - 11.17)                        | 3.56              | (2.69 - 4.70)                       | 4.29              | (3.42 - 5.35)                       |
| Region 3              | *                   | (* - *)                               | 3.56              | (2.48 - 5.08)                       | 4.29              | (3.21 - 5.71)                       |
| Region 4              | 8.52                | (6.24 - 11.55)                        | 3.56              | (2.56 - 4.93)                       | 4.28              | (3.29 - 5.55)                       |
| Regions 5 and 6       | 8.63                | (6.67 - 11.08)                        | 3.51              | (2.63 - 4.66)                       | 4.25              | (3.38 - 5.33)                       |
| Region 5              | 8.30                | (6.12 - 11.17)                        | 3.30              | (2.32 - 4.66)                       | 4.03              | (3.07 - 5.27)                       |
| Region 6              | 8.96                | (6.40 - 12.41)                        | 3.72              | (2.60 - 5.29)                       | 4.48              | (3.37 - 5.93)                       |
| Region 7              | 8.32                | (6.71 - 10.29)                        | 3.49              | (2.73 - 4.46)                       | 4.14              | (3.41 - 5.03)                       |
| Region 7A (Hennepin)  | 8.44                | (6.20 - 11.38)                        | 3.68              | (2.69 - 5.01)                       | 4.30              | (3.33 - 5.53)                       |
| Region 7B (Ramsey)    | 7.85                | (5.58 - 10.93)                        | 3.68              | (2.64 - 5.11)                       | 4.34              | (3.30 - 5.68)                       |
| Region 7C             | 8.47                | (6.26 - 11.35)                        | 3.23              | (2.33 - 4.45)                       | 3.90              | (3.01 - 5.03)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                  | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 7.47                | (6.15 - 9.05)                         | 3.25              | (2.55 - 4.13)                       | 3.89              | (3.22 - 4.69)                       |
| Region 1                               | 7.86                | (5.81 - 10.55)                        | 3.17              | (2.25 - 4.46)                       | 3.88              | (2.97 - 5.05)                       |
| Region 2                               | 6.65                | (4.76 - 9.23)                         | 3.06              | (2.12 - 4.41)                       | 3.61              | (2.70 - 4.82)                       |
| Region 3                               | 7.51                | (5.41 - 10.32)                        | 3.23              | (2.27 - 4.59)                       | 3.96              | (3.02 - 5.19)                       |
| Region 4                               | 6.63                | (4.79 - 9.10)                         | 3.30              | (2.32 - 4.66)                       | 3.79              | (2.85 - 5.03)                       |
| Region 5                               | *                   | (* - *)                               | 3.08              | (2.14 - 4.41)                       | 3.76              | (2.80 - 5.03)                       |
| Region 6                               | 7.82                | (5.63 - 10.76)                        | 3.46              | (2.46 - 4.85)                       | 4.14              | (3.16 - 5.41)                       |
| Region 7                               | 8.12                | (5.79 - 11.28)                        | 3.37              | (2.37 - 4.76)                       | 4.03              | (3.05 - 5.32)                       |
| <b>Missouri</b>                        | 7.85                | (6.44 - 9.54)                         | 2.98              | (2.33 - 3.80)                       | 3.67              | (3.04 - 4.44)                       |
| Central                                | 8.07                | (5.85 - 11.03)                        | 3.07              | (2.14 - 4.37)                       | 3.94              | (3.00 - 5.16)                       |
| Eastern                                | 7.50                | (5.79 - 9.66)                         | 2.82              | (2.10 - 3.78)                       | 3.46              | (2.74 - 4.35)                       |
| Eastern (St. Louis City and<br>County) | 7.43                | (5.43 - 10.08)                        | 2.85              | (2.02 - 4.01)                       | 3.48              | (2.65 - 4.56)                       |
| Eastern (excluding St. Louis)          | 7.63                | (5.55 - 10.40)                        | 2.78              | (1.94 - 3.96)                       | 3.42              | (2.57 - 4.52)                       |
| Northwest                              | 7.96                | (6.09 - 10.34)                        | 2.89              | (2.16 - 3.87)                       | 3.60              | (2.86 - 4.52)                       |
| Northwest (Jackson)                    | 7.13                | (5.07 - 9.94)                         | 2.83              | (1.99 - 4.00)                       | 3.40              | (2.57 - 4.50)                       |
| Northwest (excluding Jackson)          | 8.62                | (6.24 - 11.78)                        | 2.95              | (2.07 - 4.19)                       | 3.76              | (2.87 - 4.92)                       |
| Southeast                              | 8.55                | (6.22 - 11.66)                        | 3.28              | (2.27 - 4.72)                       | 3.99              | (2.99 - 5.32)                       |
| Southwest                              | 7.68                | (5.53 - 10.56)                        | 3.17              | (2.23 - 4.50)                       | 3.81              | (2.89 - 5.00)                       |
| <b>Montana</b>                         | 9.18                | (7.70 - 10.91)                        | 4.19              | (3.34 - 5.25)                       | 4.89              | (4.10 - 5.83)                       |
| Region 1                               | *                   | (* - *)                               | 3.68              | (2.53 - 5.31)                       | 4.34              | (3.23 - 5.83)                       |
| Region 2                               | 8.34                | (6.10 - 11.30)                        | 4.49              | (3.19 - 6.28)                       | 5.05              | (3.83 - 6.63)                       |
| Region 3                               | 8.34                | (6.14 - 11.25)                        | 4.40              | (3.18 - 6.06)                       | 4.91              | (3.76 - 6.38)                       |
| Region 4                               | 9.81                | (7.50 - 12.73)                        | 4.03              | (2.91 - 5.55)                       | 4.89              | (3.83 - 6.24)                       |
| Region 5                               | 9.57                | (7.36 - 12.36)                        | 4.19              | (3.10 - 5.63)                       | 4.95              | (3.91 - 6.24)                       |
| <b>Nebraska</b>                        | 8.30                | (6.82 - 10.07)                        | 3.59              | (2.83 - 4.55)                       | 4.31              | (3.57 - 5.19)                       |
| Regions 1 and 2                        | 7.96                | (6.09 - 10.34)                        | 2.89              | (2.12 - 3.95)                       | 3.57              | (2.80 - 4.55)                       |
| Region 1                               | *                   | (* - *)                               | 2.96              | (2.02 - 4.32)                       | 3.68              | (2.74 - 4.92)                       |
| Region 2                               | *                   | (* - *)                               | 2.83              | (1.97 - 4.06)                       | 3.48              | (2.62 - 4.62)                       |
| Region 3                               | 8.30                | (6.03 - 11.33)                        | 3.32              | (2.32 - 4.72)                       | 4.06              | (3.08 - 5.33)                       |
| Region 4                               | 7.63                | (5.44 - 10.58)                        | 2.86              | (1.98 - 4.10)                       | 3.54              | (2.65 - 4.70)                       |
| Region 5                               | 7.93                | (5.74 - 10.85)                        | 3.43              | (2.43 - 4.82)                       | 4.19              | (3.19 - 5.48)                       |
| Region 6                               | 8.81                | (6.74 - 11.43)                        | 4.13              | (3.06 - 5.56)                       | 4.83              | (3.80 - 6.11)                       |

See notes at end of table.

(continued)



**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region   | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 8.64                | (6.98 - 10.65)                        | 3.86              | (2.99 - 4.96)                       | 4.49              | (3.67 - 5.48)                       |
| Clark – Region 1        | 8.33                | (6.46 - 10.67)                        | 3.73              | (2.77 - 5.00)                       | 4.34              | (3.43 - 5.47)                       |
| Region 3                | 8.94                | (6.79 - 11.68)                        | 3.52              | (2.56 - 4.81)                       | 4.15              | (3.21 - 5.34)                       |
| Capital District        | *                   | (* - *)                               | 3.60              | (2.43 - 5.30)                       | 4.19              | (3.04 - 5.75)                       |
| Rural/Frontier          | *                   | (* - *)                               | 3.44              | (2.38 - 4.95)                       | 4.11              | (3.06 - 5.52)                       |
| Washoe – Region 2       | 9.86                | (7.27 - 13.23)                        | 4.75              | (3.34 - 6.70)                       | 5.44              | (4.10 - 7.18)                       |
| <b>New Hampshire</b>    | 11.02               | (9.11 - 13.27)                        | 4.32              | (3.41 - 5.45)                       | 5.23              | (4.35 - 6.27)                       |
| Central                 | 10.99               | (8.74 - 13.73)                        | 4.63              | (3.51 - 6.07)                       | 5.54              | (4.46 - 6.87)                       |
| Central 1               | 11.04               | (8.17 - 14.76)                        | 4.38              | (3.15 - 6.05)                       | 5.45              | (4.22 - 7.00)                       |
| Central 2               | 10.92               | (8.23 - 14.35)                        | 4.87              | (3.47 - 6.79)                       | 5.64              | (4.29 - 7.39)                       |
| Northern                | 10.29               | (7.57 - 13.85)                        | 4.07              | (2.84 - 5.81)                       | 4.95              | (3.73 - 6.54)                       |
| Southern                | 11.21               | (8.88 - 14.05)                        | 4.22              | (3.22 - 5.53)                       | 5.13              | (4.15 - 6.33)                       |
| Southern 1 (Rockingham) | 10.22               | (7.44 - 13.89)                        | 3.59              | (2.52 - 5.10)                       | 4.38              | (3.31 - 5.78)                       |
| Southern 2              | 11.74               | (8.95 - 15.25)                        | 4.63              | (3.40 - 6.27)                       | 5.60              | (4.41 - 7.10)                       |
| <b>New Jersey</b>       | 8.25                | (6.95 - 9.77)                         | 2.93              | (2.36 - 3.63)                       | 3.62              | (3.07 - 4.27)                       |
| Central                 | 8.98                | (6.82 - 11.76)                        | 2.80              | (2.02 - 3.86)                       | 3.58              | (2.80 - 4.56)                       |
| Metropolitan            | 7.88                | (5.92 - 10.42)                        | 3.05              | (2.21 - 4.20)                       | 3.72              | (2.90 - 4.77)                       |
| Northern                | 7.72                | (5.94 - 9.99)                         | 2.72              | (2.01 - 3.67)                       | 3.34              | (2.65 - 4.21)                       |
| Southern                | 8.69                | (6.50 - 11.53)                        | 3.28              | (2.41 - 4.44)                       | 4.00              | (3.13 - 5.09)                       |
| <b>New Mexico</b>       | 8.16                | (6.73 - 9.88)                         | 3.39              | (2.69 - 4.26)                       | 4.08              | (3.41 - 4.87)                       |
| Region 1                | 8.11                | (5.97 - 10.94)                        | 3.37              | (2.39 - 4.74)                       | 4.06              | (3.11 - 5.28)                       |
| Region 2                | 8.60                | (6.27 - 11.70)                        | 3.10              | (2.14 - 4.49)                       | 3.75              | (2.79 - 5.02)                       |
| Region 3 (Bernalillo)   | 8.37                | (6.28 - 11.07)                        | 3.76              | (2.79 - 5.05)                       | 4.41              | (3.48 - 5.57)                       |
| Region 4                | 7.86                | (5.66 - 10.83)                        | 3.21              | (2.28 - 4.50)                       | 3.95              | (3.03 - 5.14)                       |
| Region 5                | 7.86                | (6.04 - 10.19)                        | 3.12              | (2.33 - 4.17)                       | 3.88              | (3.10 - 4.85)                       |
| Region 5a               | 8.40                | (5.98 - 11.69)                        | 3.02              | (2.10 - 4.33)                       | 3.74              | (2.81 - 4.96)                       |
| Region 5b (Dona Ana)    | 7.51                | (5.35 - 10.44)                        | 3.21              | (2.26 - 4.56)                       | 4.01              | (3.05 - 5.25)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                             | 8.40                | (7.40 - 9.52)                         | 3.06              | (2.58 - 3.63)                       | 3.83              | (3.37 - 4.35)                       |
| Region 1: Long Island                       | 9.29                | (7.23 - 11.86)                        | 2.63              | (1.95 - 3.54)                       | 3.54              | (2.84 - 4.41)                       |
| Region 2: New York City                     | 7.90                | (6.72 - 9.28)                         | 3.06              | (2.49 - 3.75)                       | 3.73              | (3.20 - 4.36)                       |
| Region 2A (Bronx)                           | 7.58                | (5.69 - 10.03)                        | 2.72              | (1.97 - 3.75)                       | 3.54              | (2.80 - 4.47)                       |
| Region 2B (Kings)                           | 7.98                | (6.08 - 10.39)                        | 3.11              | (2.32 - 4.18)                       | 3.81              | (3.03 - 4.78)                       |
| Region 2C (New York)                        | 8.55                | (6.48 - 11.20)                        | 3.64              | (2.66 - 4.97)                       | 4.27              | (3.33 - 5.46)                       |
| Region 2D (Queens)                          | 7.34                | (5.48 - 9.76)                         | 2.70              | (1.97 - 3.69)                       | 3.29              | (2.57 - 4.20)                       |
| Region 2E (Richmond)                        | 9.01                | (6.64 - 12.12)                        | 3.29              | (2.36 - 4.59)                       | 4.08              | (3.14 - 5.29)                       |
| Region 3: Mid-Hudson                        | 8.42                | (6.39 - 11.01)                        | 3.01              | (2.21 - 4.08)                       | 3.79              | (2.98 - 4.80)                       |
| Region 4: Capital Region                    | 8.82                | (6.53 - 11.82)                        | 3.53              | (2.55 - 4.87)                       | 4.30              | (3.34 - 5.53)                       |
| Region 5: Mohawk Valley                     | *                   | (* - *)                               | 3.66              | (2.56 - 5.20)                       | 4.40              | (3.30 - 5.82)                       |
| Region 6: North Country                     | *                   | (* - *)                               | 3.51              | (2.52 - 4.86)                       | 4.24              | (3.28 - 5.47)                       |
| Region 7: Tug Hill Seaway                   | *                   | (* - *)                               | 3.59              | (2.59 - 4.96)                       | 4.49              | (3.48 - 5.77)                       |
| Region 8: Central                           | 8.36                | (6.25 - 11.10)                        | 3.45              | (2.52 - 4.72)                       | 4.24              | (3.33 - 5.39)                       |
| Region 9: Southern Tier                     | 8.54                | (6.27 - 11.52)                        | 3.49              | (2.54 - 4.77)                       | 4.44              | (3.47 - 5.66)                       |
| Region 10: Finger Lakes                     | 8.72                | (6.65 - 11.37)                        | 3.00              | (2.22 - 4.03)                       | 3.86              | (3.08 - 4.82)                       |
| Region 11: Western                          | 8.74                | (6.72 - 11.29)                        | 3.08              | (2.31 - 4.08)                       | 3.91              | (3.14 - 4.85)                       |
| <b>North Carolina</b>                       | 7.39                | (6.25 - 8.73)                         | 3.65              | (2.99 - 4.45)                       | 4.17              | (3.55 - 4.90)                       |
| Alliance Behavioral Healthcare 1            | 6.84                | (4.91 - 9.44)                         | 3.94              | (2.86 - 5.41)                       | 4.39              | (3.37 - 5.70)                       |
| Alliance Behavioral Healthcare 2            | 7.92                | (5.83 - 10.68)                        | 3.54              | (2.54 - 4.91)                       | 4.14              | (3.18 - 5.39)                       |
| Cardinal Innovations Healthcare Solutions 1 | 7.31                | (5.24 - 10.10)                        | 3.52              | (2.51 - 4.93)                       | 4.01              | (3.03 - 5.29)                       |
| Cardinal Innovations Healthcare Solutions 2 | 7.41                | (5.36 - 10.15)                        | 3.62              | (2.59 - 5.04)                       | 4.18              | (3.18 - 5.46)                       |
| Cardinal Innovations Healthcare Solutions 3 | 6.75                | (4.89 - 9.25)                         | 3.23              | (2.31 - 4.49)                       | 3.71              | (2.83 - 4.85)                       |
| CenterPoint Human Services                  | 7.08                | (5.09 - 9.76)                         | 3.53              | (2.47 - 5.01)                       | 4.00              | (2.99 - 5.33)                       |
| Eastpointe                                  | 6.91                | (5.07 - 9.35)                         | 3.73              | (2.70 - 5.14)                       | 4.17              | (3.19 - 5.44)                       |
| Partners Behavioral Health Management       | 8.07                | (5.89 - 10.96)                        | 3.84              | (2.74 - 5.35)                       | 4.37              | (3.32 - 5.74)                       |
| Sandhills Center 1                          | 7.19                | (5.16 - 9.94)                         | 3.61              | (2.53 - 5.13)                       | 4.07              | (3.02 - 5.46)                       |
| Sandhills Center 2                          | 7.20                | (5.21 - 9.88)                         | 3.74              | (2.69 - 5.16)                       | 4.27              | (3.28 - 5.55)                       |
| Smoky Mountain Center 1                     | 7.75                | (5.62 - 10.58)                        | 3.67              | (2.60 - 5.16)                       | 4.24              | (3.21 - 5.58)                       |
| Smoky Mountain Center 2                     | 8.73                | (6.34 - 11.90)                        | 3.83              | (2.71 - 5.39)                       | 4.36              | (3.29 - 5.77)                       |
| Trillium Health Resources 1                 | 7.38                | (5.40 - 10.01)                        | 3.57              | (2.53 - 5.02)                       | 4.17              | (3.18 - 5.46)                       |
| Trillium Health Resources 2                 | 7.50                | (5.36 - 10.41)                        | 3.91              | (2.78 - 5.47)                       | 4.50              | (3.42 - 5.91)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region         | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 8.23                | (6.91 - 9.78)                         | 3.09              | (2.46 - 3.89)                       | 4.02              | (3.41 - 4.73)                       |
| Badlands and West Central     | 8.09                | (6.21 - 10.48)                        | 2.90              | (2.17 - 3.87)                       | 3.66              | (2.93 - 4.57)                       |
| Badlands                      | *                   | (* - *)                               | 2.93              | (2.04 - 4.18)                       | 3.75              | (2.83 - 4.94)                       |
| West Central                  | 8.01                | (5.87 - 10.83)                        | 2.90              | (2.08 - 4.01)                       | 3.64              | (2.82 - 4.68)                       |
| Lake Region                   | *                   | (* - *)                               | 2.56              | (1.78 - 3.66)                       | 3.58              | (2.73 - 4.69)                       |
| North Central                 | 8.50                | (6.13 - 11.67)                        | 3.21              | (2.27 - 4.53)                       | 4.15              | (3.19 - 5.40)                       |
| Northeast                     | 8.58                | (6.38 - 11.45)                        | 3.39              | (2.42 - 4.75)                       | 4.68              | (3.68 - 5.94)                       |
| Northwest                     | *                   | (* - *)                               | 2.92              | (2.03 - 4.17)                       | 3.74              | (2.83 - 4.92)                       |
| South Central                 | *                   | (* - *)                               | 2.68              | (1.85 - 3.87)                       | 3.50              | (2.65 - 4.63)                       |
| Southeast                     | 7.76                | (5.98 - 10.03)                        | 3.37              | (2.47 - 4.59)                       | 4.27              | (3.43 - 5.32)                       |
| <b>Ohio</b>                   | 9.05                | (7.93 - 10.31)                        | 3.80              | (3.23 - 4.46)                       | 4.53              | (3.99 - 5.12)                       |
| Boards 2, 46, 55, and 68      | 9.37                | (6.81 - 12.76)                        | 3.63              | (2.63 - 4.99)                       | 4.41              | (3.42 - 5.67)                       |
| Boards 3, 52, and 85          | *                   | (* - *)                               | 3.87              | (2.81 - 5.31)                       | 4.59              | (3.54 - 5.95)                       |
| Boards 4 and 78               | 9.22                | (6.76 - 12.45)                        | 4.25              | (2.99 - 6.00)                       | 4.85              | (3.64 - 6.42)                       |
| Boards 5 and 60               | 9.38                | (6.88 - 12.66)                        | 4.19              | (3.00 - 5.82)                       | 5.10              | (3.96 - 6.55)                       |
| Boards 7, 15, 41, 79, and 84  | *                   | (* - *)                               | 4.36              | (3.12 - 6.05)                       | 4.95              | (3.76 - 6.50)                       |
| Boards 8, 13, and 83          | *                   | (* - *)                               | 3.33              | (2.41 - 4.60)                       | 4.02              | (3.09 - 5.22)                       |
| Board 9 (Butler)              | *                   | (* - *)                               | 3.79              | (2.76 - 5.18)                       | 4.71              | (3.67 - 6.03)                       |
| Board 12                      | 9.60                | (7.08 - 12.90)                        | 3.89              | (2.76 - 5.45)                       | 4.77              | (3.67 - 6.18)                       |
| Boards 18 and 47              | 9.33                | (7.15 - 12.10)                        | 3.37              | (2.52 - 4.49)                       | 4.16              | (3.32 - 5.21)                       |
| Boards 20, 32, 54, and 69     | 9.18                | (6.77 - 12.34)                        | 3.54              | (2.58 - 4.84)                       | 4.28              | (3.32 - 5.50)                       |
| Boards 21, 39, 51, 70, and 80 | 8.95                | (6.62 - 11.99)                        | 3.75              | (2.72 - 5.14)                       | 4.41              | (3.40 - 5.70)                       |
| Boards 22, 74, and 87         | 8.73                | (6.45 - 11.71)                        | 4.01              | (2.90 - 5.51)                       | 4.71              | (3.64 - 6.07)                       |
| Boards 23 and 45              | 8.81                | (6.51 - 11.82)                        | 3.65              | (2.65 - 5.01)                       | 4.38              | (3.40 - 5.62)                       |
| Board 25 (Franklin)           | 8.72                | (6.67 - 11.31)                        | 3.62              | (2.69 - 4.84)                       | 4.40              | (3.49 - 5.52)                       |
| Boards 27, 71, and 73         | 9.17                | (6.73 - 12.39)                        | 4.42              | (3.19 - 6.08)                       | 5.02              | (3.84 - 6.54)                       |
| Boards 28, 43, and 67         | 9.06                | (6.67 - 12.21)                        | 3.89              | (2.79 - 5.39)                       | 4.62              | (3.56 - 5.97)                       |
| Board 31 (Hamilton)           | 8.44                | (6.28 - 11.26)                        | 3.40              | (2.48 - 4.64)                       | 4.12              | (3.22 - 5.27)                       |
| Board 48 (Lucas)              | 8.65                | (6.34 - 11.69)                        | 4.32              | (3.12 - 5.95)                       | 4.96              | (3.82 - 6.43)                       |
| Boards 50 and 76              | 9.37                | (6.99 - 12.44)                        | 3.93              | (2.86 - 5.39)                       | 4.63              | (3.60 - 5.94)                       |
| Board 57 (Montgomery)         | 9.53                | (7.06 - 12.74)                        | 4.20              | (3.07 - 5.73)                       | 4.94              | (3.84 - 6.33)                       |
| Board 77 (Summit)             | 8.17                | (5.99 - 11.05)                        | 4.06              | (2.96 - 5.55)                       | 4.60              | (3.56 - 5.93)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                 | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 7.45                | (6.08 - 9.09)                         | 3.05              | (2.38 - 3.91)                       | 3.71              | (3.05 - 4.51)                       |
| Central                               | 8.11                | (5.83 - 11.17)                        | 2.98              | (2.09 - 4.24)                       | 3.80              | (2.90 - 4.97)                       |
| East Central                          | 7.65                | (5.43 - 10.68)                        | 2.97              | (2.03 - 4.34)                       | 3.64              | (2.69 - 4.91)                       |
| Northeast                             | 6.96                | (4.95 - 9.71)                         | 2.97              | (2.06 - 4.25)                       | 3.63              | (2.72 - 4.82)                       |
| Northwest and Southwest               | 7.85                | (5.66 - 10.80)                        | 3.02              | (2.10 - 4.33)                       | 3.77              | (2.84 - 4.99)                       |
| Oklahoma County                       | 6.75                | (4.89 - 9.25)                         | 2.88              | (2.03 - 4.07)                       | 3.43              | (2.60 - 4.53)                       |
| Southeast                             | 7.52                | (5.41 - 10.35)                        | 3.08              | (2.16 - 4.39)                       | 3.70              | (2.79 - 4.91)                       |
| Tulsa County                          | 7.55                | (5.45 - 10.39)                        | 3.44              | (2.42 - 4.88)                       | 4.03              | (3.02 - 5.35)                       |
| <b>Oregon</b>                         | 10.48               | (8.79 - 12.46)                        | 3.78              | (3.01 - 4.72)                       | 4.67              | (3.93 - 5.54)                       |
| Region 1 (Multnomah)                  | 10.15               | (7.56 - 13.49)                        | 4.28              | (3.14 - 5.79)                       | 5.00              | (3.91 - 6.38)                       |
| Region 2                              | 9.69                | (7.29 - 12.78)                        | 3.29              | (2.37 - 4.53)                       | 4.10              | (3.19 - 5.27)                       |
| Region 3                              | 11.23               | (8.67 - 14.42)                        | 3.97              | (2.89 - 5.44)                       | 5.08              | (4.00 - 6.41)                       |
| Region 4                              | 11.21               | (8.25 - 15.05)                        | 3.61              | (2.54 - 5.10)                       | 4.49              | (3.41 - 5.88)                       |
| Region 5 (Central)                    | *                   | (* - *)                               | 3.72              | (2.59 - 5.32)                       | 4.46              | (3.33 - 5.95)                       |
| Region 6 (Eastern)                    | *                   | (* - *)                               | 3.49              | (2.44 - 4.97)                       | 4.23              | (3.19 - 5.59)                       |
| <b>Pennsylvania</b>                   | 8.83                | (7.74 - 10.05)                        | 3.59              | (3.05 - 4.22)                       | 4.31              | (3.79 - 4.88)                       |
| Region 1 (Allegheny)                  | 10.50               | (7.96 - 13.72)                        | 3.60              | (2.65 - 4.86)                       | 4.46              | (3.52 - 5.64)                       |
| Regions 3, 8, 9, and 51               | 9.84                | (7.38 - 13.00)                        | 3.51              | (2.55 - 4.82)                       | 4.37              | (3.43 - 5.56)                       |
| Regions 4, 11, 37, and 49             | 8.34                | (6.19 - 11.16)                        | 3.87              | (2.79 - 5.34)                       | 4.46              | (3.44 - 5.78)                       |
| Regions 5, 18, 23, 24, and 46         | 9.86                | (7.45 - 12.94)                        | 3.73              | (2.75 - 5.04)                       | 4.51              | (3.55 - 5.72)                       |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 9.19                | (6.90 - 12.14)                        | 3.91              | (2.88 - 5.29)                       | 4.87              | (3.85 - 6.15)                       |
| Regions 7, 13, 20, and 33             | 8.02                | (6.20 - 10.32)                        | 3.01              | (2.27 - 3.97)                       | 3.65              | (2.94 - 4.53)                       |
| Regions 10, 15, 27, 32, 43, and 44    | 8.54                | (6.37 - 11.37)                        | 3.63              | (2.59 - 5.05)                       | 4.21              | (3.22 - 5.49)                       |
| Regions 17 and 21                     | 8.63                | (6.30 - 11.73)                        | 3.96              | (2.85 - 5.50)                       | 4.66              | (3.59 - 6.04)                       |
| Regions 19, 26, 28, and 42            | 9.31                | (7.13 - 12.06)                        | 4.38              | (3.25 - 5.87)                       | 5.01              | (3.93 - 6.37)                       |
| Regions 22, 38, 40, 41, and 48        | 8.74                | (6.47 - 11.69)                        | 3.13              | (2.28 - 4.30)                       | 3.76              | (2.92 - 4.84)                       |
| Regions 29 and 34                     | 8.25                | (6.06 - 11.12)                        | 3.56              | (2.60 - 4.85)                       | 4.19              | (3.25 - 5.40)                       |
| Regions 30 and 50                     | 8.44                | (6.22 - 11.36)                        | 4.00              | (2.88 - 5.55)                       | 4.56              | (3.48 - 5.95)                       |
| Region 36 (Philadelphia)              | 8.19                | (6.27 - 10.63)                        | 3.46              | (2.58 - 4.63)                       | 4.27              | (3.41 - 5.32)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                     | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 9.19                | (7.53 - 11.18)                        | 3.66              | (2.87 - 4.65)                       | 4.52              | (3.75 - 5.44)                       |
| Region 1: Southern Providence<br>County                   | 9.21                | (6.67 - 12.59)                        | 3.45              | (2.43 - 4.87)                       | 4.20              | (3.18 - 5.53)                       |
| Region 2: Northern Providence<br>County/Blackstone Valley | 8.84                | (6.49 - 11.93)                        | 3.76              | (2.64 - 5.34)                       | 4.41              | (3.32 - 5.83)                       |
| Region 3: Providence                                      | 9.66                | (7.04 - 13.11)                        | 4.39              | (3.04 - 6.30)                       | 5.78              | (4.43 - 7.51)                       |
| Region 4: Kent County                                     | 8.95                | (6.44 - 12.31)                        | 3.37              | (2.38 - 4.76)                       | 4.01              | (3.02 - 5.30)                       |
| Region 5: East Bay                                        | 8.87                | (6.33 - 12.29)                        | 3.74              | (2.60 - 5.34)                       | 4.44              | (3.32 - 5.91)                       |
| Region 6: Newport County                                  | *                   | (* - *)                               | 3.83              | (2.62 - 5.56)                       | 4.66              | (3.46 - 6.24)                       |
| Region 7: South County                                    | 8.59                | (6.23 - 11.72)                        | 3.16              | (2.21 - 4.51)                       | 4.09              | (3.13 - 5.34)                       |
| <b>South Carolina</b>                                     | 7.00                | (5.73 - 8.53)                         | 3.07              | (2.41 - 3.89)                       | 3.61              | (2.99 - 4.37)                       |
| Region 1                                                  | 7.25                | (5.42 - 9.63)                         | 3.36              | (2.40 - 4.67)                       | 3.90              | (2.99 - 5.08)                       |
| Region 2                                                  | 6.84                | (5.02 - 9.26)                         | 2.85              | (2.02 - 4.00)                       | 3.44              | (2.63 - 4.50)                       |
| Region 3                                                  | 6.91                | (5.01 - 9.47)                         | 3.03              | (2.12 - 4.31)                       | 3.53              | (2.65 - 4.68)                       |
| Region 4                                                  | 6.92                | (5.06 - 9.40)                         | 2.95              | (2.14 - 4.06)                       | 3.50              | (2.69 - 4.53)                       |
| <b>South Dakota</b>                                       | 7.43                | (6.09 - 9.03)                         | 3.29              | (2.61 - 4.13)                       | 3.90              | (3.25 - 4.67)                       |
| Region 1                                                  | 7.47                | (5.50 - 10.07)                        | 3.36              | (2.44 - 4.61)                       | 3.94              | (3.04 - 5.09)                       |
| Region 2                                                  | 7.86                | (5.54 - 11.03)                        | 2.91              | (2.02 - 4.18)                       | 3.58              | (2.67 - 4.78)                       |
| Region 3                                                  | 7.39                | (5.44 - 9.97)                         | 2.93              | (2.12 - 4.04)                       | 3.67              | (2.86 - 4.70)                       |
| Region 4                                                  | 7.54                | (5.43 - 10.38)                        | 3.12              | (2.19 - 4.43)                       | 3.83              | (2.90 - 5.03)                       |
| Region 5                                                  | 7.23                | (5.39 - 9.63)                         | 3.71              | (2.71 - 5.06)                       | 4.19              | (3.23 - 5.41)                       |
| <b>Tennessee</b>                                          | 7.97                | (6.55 - 9.66)                         | 3.95              | (3.16 - 4.93)                       | 4.51              | (3.76 - 5.40)                       |
| Region 1                                                  | 7.97                | (5.76 - 10.93)                        | 4.38              | (3.05 - 6.25)                       | 4.82              | (3.56 - 6.50)                       |
| Region 2                                                  | 8.18                | (5.84 - 11.35)                        | 4.40              | (3.18 - 6.06)                       | 4.89              | (3.73 - 6.40)                       |
| Region 3                                                  | 7.94                | (5.75 - 10.87)                        | 4.03              | (2.88 - 5.62)                       | 4.55              | (3.44 - 6.00)                       |
| Region 4 (Davidson)                                       | 7.89                | (5.67 - 10.88)                        | 3.86              | (2.76 - 5.37)                       | 4.46              | (3.41 - 5.83)                       |
| Region 5                                                  | 8.53                | (6.31 - 11.44)                        | 4.01              | (2.92 - 5.49)                       | 4.65              | (3.62 - 5.95)                       |
| Region 6                                                  | 7.58                | (5.41 - 10.53)                        | 3.52              | (2.48 - 4.97)                       | 4.09              | (3.08 - 5.42)                       |
| Region 7 (Shelby)                                         | 7.21                | (5.15 - 10.02)                        | 3.22              | (2.28 - 4.54)                       | 3.86              | (2.93 - 5.05)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                    | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                             | 7.71                | (6.78 - 8.76)                         | 2.62              | (2.21 - 3.10)                       | 3.41              | (3.01 - 3.87)                       |
| Region 1                                                 | 7.53                | (5.53 - 10.18)                        | 2.89              | (2.11 - 3.96)                       | 3.69              | (2.88 - 4.72)                       |
| Region 2                                                 | 8.00                | (5.88 - 10.79)                        | 2.99              | (2.17 - 4.12)                       | 3.78              | (2.95 - 4.83)                       |
| Region 3                                                 | 7.30                | (6.00 - 8.86)                         | 2.57              | (2.07 - 3.19)                       | 3.26              | (2.76 - 3.85)                       |
| Region 3a                                                | 7.35                | (5.74 - 9.38)                         | 2.57              | (1.97 - 3.34)                       | 3.26              | (2.66 - 4.00)                       |
| Region 3bc                                               | 7.21                | (5.50 - 9.40)                         | 2.57              | (1.93 - 3.43)                       | 3.25              | (2.59 - 4.07)                       |
| Region 4                                                 | 7.86                | (5.78 - 10.62)                        | 2.87              | (2.09 - 3.93)                       | 3.56              | (2.78 - 4.55)                       |
| Region 5                                                 | 7.29                | (5.27 - 10.01)                        | 2.79              | (2.01 - 3.85)                       | 3.45              | (2.67 - 4.45)                       |
| Region 6                                                 | 8.82                | (7.04 - 10.99)                        | 2.61              | (2.04 - 3.34)                       | 3.54              | (2.95 - 4.26)                       |
| Region 6a                                                | 8.99                | (7.07 - 11.36)                        | 2.62              | (2.01 - 3.41)                       | 3.59              | (2.95 - 4.36)                       |
| Region 6bc                                               | 7.22                | (5.23 - 9.89)                         | 2.53              | (1.84 - 3.47)                       | 3.17              | (2.46 - 4.08)                       |
| Region 7                                                 | 7.89                | (6.36 - 9.75)                         | 2.90              | (2.28 - 3.68)                       | 3.75              | (3.13 - 4.50)                       |
| Region 7a                                                | 8.33                | (6.26 - 11.01)                        | 2.69              | (2.01 - 3.61)                       | 3.56              | (2.84 - 4.46)                       |
| Region 7bcd                                              | 7.30                | (5.38 - 9.83)                         | 3.27              | (2.38 - 4.47)                       | 4.09              | (3.22 - 5.18)                       |
| Region 8                                                 | 6.98                | (5.29 - 9.17)                         | 2.24              | (1.64 - 3.04)                       | 2.97              | (2.35 - 3.74)                       |
| Region 9                                                 | 7.43                | (5.34 - 10.26)                        | 2.90              | (2.08 - 4.03)                       | 3.61              | (2.78 - 4.69)                       |
| Region 10                                                | 7.51                | (5.46 - 10.24)                        | 2.54              | (1.81 - 3.58)                       | 3.41              | (2.64 - 4.40)                       |
| Region 11                                                | 6.76                | (5.28 - 8.62)                         | 2.46              | (1.85 - 3.26)                       | 3.20              | (2.59 - 3.94)                       |
| Region 11abd                                             | 6.73                | (4.93 - 9.11)                         | 2.49              | (1.78 - 3.48)                       | 3.20              | (2.47 - 4.12)                       |
| Region 11c (Hidalgo)                                     | 6.82                | (4.90 - 9.41)                         | 2.41              | (1.72 - 3.37)                       | 3.21              | (2.48 - 4.14)                       |
| <b>Utah</b>                                              | 10.23               | (8.48 - 12.29)                        | 4.19              | (3.40 - 5.17)                       | 5.31              | (4.53 - 6.22)                       |
| Bear River, Northeastern,<br>Summit, Tooele, and Wasatch | 9.07                | (6.52 - 12.48)                        | 3.91              | (2.78 - 5.48)                       | 4.90              | (3.76 - 6.36)                       |
| Central, Four Corners, San Juan,<br>and Southwest        | 8.90                | (6.65 - 11.81)                        | 3.74              | (2.76 - 5.05)                       | 4.65              | (3.65 - 5.91)                       |
| Central, Four Corners, and<br>San Juan                   | *                   | (* - *)                               | 3.52              | (2.44 - 5.06)                       | 4.46              | (3.34 - 5.92)                       |
| Southwest                                                | 8.88                | (6.29 - 12.39)                        | 3.87              | (2.71 - 5.51)                       | 4.77              | (3.58 - 6.32)                       |
| Davis County                                             | 9.10                | (6.51 - 12.57)                        | 4.07              | (2.90 - 5.68)                       | 4.93              | (3.76 - 6.43)                       |
| Salt Lake County                                         | 11.69               | (8.92 - 15.18)                        | 4.29              | (3.24 - 5.66)                       | 5.49              | (4.42 - 6.80)                       |
| Utah County                                              | 10.18               | (7.60 - 13.51)                        | 4.56              | (3.37 - 6.14)                       | 5.98              | (4.77 - 7.47)                       |
| Weber, Morgan                                            | 9.28                | (6.72 - 12.69)                        | 4.26              | (3.02 - 5.99)                       | 5.10              | (3.88 - 6.67)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                 | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 8.95                | (7.26 - 10.98)                        | 4.76              | (3.80 - 5.95)                       | 5.38              | (4.49 - 6.45)                       |
| Champlain Valley                      | 8.53                | (6.40 - 11.30)                        | 4.44              | (3.27 - 6.01)                       | 5.15              | (4.04 - 6.56)                       |
| Rural Northeast                       | 8.94                | (6.51 - 12.15)                        | 5.38              | (3.84 - 7.51)                       | 5.87              | (4.43 - 7.75)                       |
| Rural Southeast                       | 9.56                | (6.97 - 12.97)                        | 4.85              | (3.50 - 6.70)                       | 5.41              | (4.12 - 7.07)                       |
| Rural Southwest                       | 9.60                | (6.90 - 13.21)                        | 4.51              | (3.20 - 6.32)                       | 5.22              | (3.95 - 6.87)                       |
| <b>Virginia</b>                       | 8.50                | (7.26 - 9.92)                         | 3.30              | (2.70 - 4.02)                       | 4.03              | (3.46 - 4.69)                       |
| Region 1                              | 9.12                | (6.88 - 12.00)                        | 3.65              | (2.68 - 4.96)                       | 4.51              | (3.54 - 5.73)                       |
| Region 2                              | 8.33                | (6.38 - 10.81)                        | 2.97              | (2.21 - 3.99)                       | 3.60              | (2.85 - 4.54)                       |
| Region 3                              | 8.80                | (6.72 - 11.46)                        | 3.93              | (2.88 - 5.34)                       | 4.64              | (3.64 - 5.91)                       |
| Region 4                              | 7.32                | (5.43 - 9.80)                         | 3.03              | (2.21 - 4.16)                       | 3.65              | (2.84 - 4.68)                       |
| Region 5                              | 8.83                | (6.73 - 11.50)                        | 3.19              | (2.35 - 4.31)                       | 4.07              | (3.24 - 5.11)                       |
| <b>Washington</b>                     | 9.16                | (7.63 - 10.96)                        | 4.29              | (3.43 - 5.34)                       | 4.95              | (4.15 - 5.91)                       |
| Region 1                              | 8.72                | (6.80 - 11.12)                        | 4.49              | (3.33 - 6.02)                       | 5.16              | (4.08 - 6.51)                       |
| Greater Columbia and North<br>Central | 8.24                | (6.03 - 11.17)                        | 4.27              | (2.99 - 6.06)                       | 4.95              | (3.74 - 6.51)                       |
| Spokane                               | 9.56                | (6.94 - 13.01)                        | 4.79              | (3.37 - 6.76)                       | 5.47              | (4.13 - 7.21)                       |
| Region 2                              | 9.50                | (7.51 - 11.94)                        | 4.09              | (3.16 - 5.29)                       | 4.79              | (3.88 - 5.89)                       |
| King                                  | 9.33                | (6.97 - 12.39)                        | 4.01              | (2.97 - 5.40)                       | 4.67              | (3.66 - 5.95)                       |
| North Sound                           | 9.76                | (7.13 - 13.23)                        | 4.23              | (3.04 - 5.87)                       | 4.99              | (3.81 - 6.49)                       |
| Region 3                              | 9.03                | (7.25 - 11.20)                        | 4.44              | (3.46 - 5.68)                       | 5.06              | (4.13 - 6.18)                       |
| Pierce                                | 9.00                | (6.59 - 12.17)                        | 4.22              | (3.07 - 5.78)                       | 4.91              | (3.80 - 6.33)                       |
| Salish                                | *                   | (* - *)                               | 4.32              | (2.99 - 6.19)                       | 4.95              | (3.65 - 6.67)                       |
| SW WA and Great Rivers                | 8.99                | (6.53 - 12.24)                        | 4.70              | (3.31 - 6.65)                       | 5.25              | (3.92 - 7.00)                       |
| Thurston-Mason                        | *                   | (* - *)                               | *                 | (* - *)                             | 5.13              | (3.81 - 6.87)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region         | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 8.27                | (6.77 - 10.06)                        | 3.59              | (2.82 - 4.55)                       | 4.19              | (3.47 - 5.06)                       |
| Region I                      | *                   | (* - *)                               | 3.69              | (2.52 - 5.37)                       | 4.24              | (3.13 - 5.72)                       |
| Region II                     | 7.62                | (5.44 - 10.57)                        | 3.48              | (2.43 - 4.95)                       | 4.01              | (2.98 - 5.38)                       |
| Region III                    | 8.33                | (5.96 - 11.54)                        | 3.86              | (2.64 - 5.63)                       | 4.36              | (3.16 - 5.98)                       |
| Region IV                     | 9.00                | (6.66 - 12.05)                        | 3.62              | (2.57 - 5.09)                       | 4.52              | (3.50 - 5.83)                       |
| Region V                      | 8.27                | (6.08 - 11.16)                        | 3.60              | (2.55 - 5.05)                       | 4.15              | (3.14 - 5.46)                       |
| Region VI                     | 7.49                | (5.47 - 10.19)                        | 3.42              | (2.44 - 4.78)                       | 3.88              | (2.94 - 5.11)                       |
| <b>Wisconsin</b>              | 8.74                | (7.27 - 10.47)                        | 3.43              | (2.73 - 4.30)                       | 4.18              | (3.51 - 4.97)                       |
| Milwaukee                     | 7.84                | (5.74 - 10.63)                        | 3.39              | (2.43 - 4.72)                       | 4.13              | (3.18 - 5.35)                       |
| Northeastern                  | 9.08                | (6.77 - 12.08)                        | 3.48              | (2.48 - 4.87)                       | 4.21              | (3.24 - 5.45)                       |
| Northern                      | 8.04                | (5.76 - 11.11)                        | 3.29              | (2.28 - 4.72)                       | 3.89              | (2.90 - 5.20)                       |
| Southeastern                  | 9.33                | (6.88 - 12.55)                        | 3.27              | (2.34 - 4.54)                       | 4.08              | (3.15 - 5.26)                       |
| Southern                      | 8.45                | (6.29 - 11.26)                        | 3.59              | (2.58 - 4.96)                       | 4.27              | (3.30 - 5.52)                       |
| Western                       | 9.42                | (6.93 - 12.68)                        | 3.47              | (2.45 - 4.90)                       | 4.38              | (3.37 - 5.67)                       |
| <b>Wyoming</b>                | 8.48                | (7.12 - 10.07)                        | 3.32              | (2.65 - 4.15)                       | 4.06              | (3.42 - 4.82)                       |
| Judicial District 1 (Laramie) | 8.09                | (5.94 - 10.93)                        | 3.69              | (2.64 - 5.14)                       | 4.28              | (3.26 - 5.60)                       |
| Judicial District 2           | 9.16                | (6.83 - 12.18)                        | 3.39              | (2.43 - 4.71)                       | 4.94              | (3.92 - 6.22)                       |
| Judicial District 3           | 8.46                | (6.19 - 11.45)                        | 3.57              | (2.54 - 5.00)                       | 4.24              | (3.24 - 5.54)                       |
| Judicial District 4           | *                   | (* - *)                               | 3.23              | (2.25 - 4.62)                       | 3.81              | (2.84 - 5.11)                       |
| Judicial District 5           | 7.95                | (5.71 - 10.98)                        | 2.85              | (1.99 - 4.07)                       | 3.47              | (2.60 - 4.62)                       |
| Judicial District 6           | 8.51                | (6.23 - 11.52)                        | 3.18              | (2.26 - 4.47)                       | 3.92              | (3.00 - 5.11)                       |
| Judicial District 7 (Natrona) | 8.44                | (6.17 - 11.45)                        | 3.61              | (2.60 - 5.01)                       | 4.25              | (3.26 - 5.53)                       |
| Judicial District 8           | 8.84                | (6.38 - 12.12)                        | 2.81              | (1.98 - 3.96)                       | 3.57              | (2.71 - 4.69)                       |
| Judicial District 9           | 8.20                | (5.90 - 11.29)                        | 3.03              | (2.12 - 4.30)                       | 3.65              | (2.75 - 4.82)                       |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: Respondents were asked, "At any time in the past 12 months, did you seriously think about trying to kill yourself?" If they answered "Yes," they were categorized as having serious thoughts of suicide in the past year.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.



**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 12.21               | (11.85 - 12.58)                       | 10.15               | (9.81 - 10.49)                        | 6.08              | (5.89 - 6.27)                       | 6.66              | (6.49 - 6.84)                       |
| <b>Northeast</b>           | 11.73               | (11.07 - 12.42)                       | 11.00               | (10.33 - 11.70)                       | 6.12              | (5.74 - 6.53)                       | 6.80              | (6.46 - 7.17)                       |
| <b>Midwest</b>             | 12.70               | (12.13 - 13.30)                       | 10.51               | (9.98 - 11.05)                        | 6.23              | (5.87 - 6.61)                       | 6.85              | (6.52 - 7.18)                       |
| <b>South</b>               | 11.60               | (11.10 - 12.12)                       | 9.35                | (8.90 - 9.82)                         | 6.02              | (5.71 - 6.35)                       | 6.50              | (6.22 - 6.78)                       |
| <b>West</b>                | 13.06               | (12.39 - 13.77)                       | 10.44               | (9.82 - 11.11)                        | 6.00              | (5.63 - 6.39)                       | 6.65              | (6.32 - 7.00)                       |
| <b>Alabama</b>             | 11.30               | (9.60 - 13.25)                        | 9.41                | (7.88 - 11.20)                        | 6.40              | (5.34 - 7.65)                       | 6.82              | (5.87 - 7.92)                       |
| Region 1                   | 12.44               | (9.96 - 15.42)                        | 9.85                | (7.56 - 12.75)                        | 6.55              | (5.05 - 8.46)                       | 6.98              | (5.60 - 8.66)                       |
| Region 2                   | 11.13               | (8.73 - 14.10)                        | 10.13               | (7.88 - 12.94)                        | 6.63              | (5.11 - 8.57)                       | 7.14              | (5.72 - 8.87)                       |
| Region 3                   | 10.11               | (7.83 - 12.96)                        | 8.35                | (6.34 - 10.93)                        | 5.80              | (4.36 - 7.68)                       | 6.24              | (4.92 - 7.87)                       |
| Region 4                   | 11.02               | (8.57 - 14.05)                        | 8.81                | (6.69 - 11.51)                        | 6.32              | (4.75 - 8.35)                       | 6.64              | (5.19 - 8.47)                       |
| <b>Alaska</b>              | 13.69               | (11.76 - 15.87)                       | 11.80               | (9.96 - 13.92)                        | 6.03              | (5.03 - 7.21)                       | 6.93              | (6.02 - 7.97)                       |
| Anchorage                  | 14.10               | (11.40 - 17.32)                       | 12.14               | (9.78 - 14.98)                        | 6.64              | (5.26 - 8.35)                       | 7.52              | (6.26 - 9.01)                       |
| Northern                   | 12.82               | (10.10 - 16.14)                       | 10.92               | (8.30 - 14.25)                        | 6.15              | (4.65 - 8.09)                       | 7.02              | (5.62 - 8.74)                       |
| South Central              | 13.65               | (10.94 - 16.92)                       | 11.45               | (8.76 - 14.85)                        | 4.99              | (3.77 - 6.59)                       | 5.91              | (4.72 - 7.38)                       |
| Southeast                  | 14.14               | (10.91 - 18.12)                       | 13.70               | (10.34 - 17.93)                       | 6.02              | (4.43 - 8.13)                       | 7.00              | (5.45 - 8.94)                       |
| <b>Arizona</b>             | 12.50               | (10.63 - 14.65)                       | 8.39                | (6.91 - 10.15)                        | 6.09              | (5.07 - 7.30)                       | 6.43              | (5.51 - 7.48)                       |
| Central                    | 12.11               | (9.82 - 14.85)                        | 8.12                | (6.32 - 10.38)                        | 5.76              | (4.57 - 7.23)                       | 6.11              | (5.02 - 7.41)                       |
| North                      | 12.42               | (9.44 - 16.18)                        | 9.17                | (6.77 - 12.31)                        | 5.71              | (4.17 - 7.77)                       | 6.19              | (4.74 - 8.03)                       |
| South                      | 13.44               | (11.00 - 16.32)                       | 8.63                | (6.78 - 10.93)                        | 6.96              | (5.45 - 8.83)                       | 7.20              | (5.85 - 8.84)                       |
| South A                    | 13.96               | (10.81 - 17.83)                       | 9.43                | (7.00 - 12.59)                        | 7.24              | (5.42 - 9.59)                       | 7.56              | (5.90 - 9.62)                       |
| South B                    | 12.91               | (10.07 - 16.40)                       | 7.67                | (5.68 - 10.28)                        | 6.61              | (4.85 - 8.95)                       | 6.77              | (5.17 - 8.81)                       |
| <b>Arkansas</b>            | 12.81               | (11.00 - 14.88)                       | 10.18               | (8.60 - 12.02)                        | 7.62              | (6.45 - 8.98)                       | 7.98              | (6.94 - 9.17)                       |
| Catchment Area 1           | 13.02               | (10.08 - 16.65)                       | 10.16               | (7.63 - 13.42)                        | 7.84              | (5.96 - 10.24)                      | 8.21              | (6.51 - 10.31)                      |
| Catchment Area 2           | 13.25               | (10.21 - 17.03)                       | 11.63               | (8.75 - 15.30)                        | 7.86              | (5.84 - 10.50)                      | 8.32              | (6.44 - 10.70)                      |
| Catchment Area 3           | 12.12               | (9.48 - 15.39)                        | 9.65                | (7.31 - 12.63)                        | 7.26              | (5.53 - 9.48)                       | 7.61              | (6.01 - 9.59)                       |
| Catchment Area 4           | 13.80               | (10.79 - 17.49)                       | 9.71                | (7.33 - 12.75)                        | 7.55              | (5.62 - 10.08)                      | 7.85              | (6.07 - 10.09)                      |
| Catchment Area 5           | 13.12               | (10.26 - 16.62)                       | 10.73               | (8.18 - 13.95)                        | 7.70              | (5.87 - 10.05)                      | 8.19              | (6.51 - 10.26)                      |
| Catchment Area 6           | 11.67               | (8.98 - 15.04)                        | 8.36                | (6.19 - 11.18)                        | 6.44              | (4.78 - 8.63)                       | 6.72              | (5.18 - 8.67)                       |
| Catchment Area 7           | 11.66               | (8.88 - 15.16)                        | *                   | (* - *)                               | 7.13              | (5.20 - 9.70)                       | 7.38              | (5.60 - 9.67)                       |
| Catchment Area 8           | 13.03               | (10.18 - 16.53)                       | 10.67               | (8.00 - 14.09)                        | 8.10              | (6.16 - 10.58)                      | 8.43              | (6.64 - 10.65)                      |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 12.63               | (11.61 - 13.73)                       | 10.27               | (9.30 - 11.34)                        | 5.36              | (4.83 - 5.94)                       | 6.10              | (5.61 - 6.62)                       |
| Region 1R                   | 14.57               | (11.55 - 18.22)                       | 12.11               | (9.36 - 15.53)                        | 5.74              | (4.39 - 7.48)                       | 6.65              | (5.32 - 8.27)                       |
| Region 2R                   | 14.07               | (11.39 - 17.25)                       | 11.30               | (8.73 - 14.50)                        | 5.86              | (4.47 - 7.64)                       | 6.68              | (5.35 - 8.31)                       |
| Region 3R (Sacramento)      | 13.04               | (10.39 - 16.24)                       | 9.54                | (7.38 - 12.23)                        | 5.23              | (4.04 - 6.74)                       | 5.86              | (4.73 - 7.23)                       |
| Region 4R                   | 13.53               | (10.83 - 16.77)                       | 10.86               | (8.34 - 14.03)                        | 5.08              | (3.91 - 6.58)                       | 5.82              | (4.69 - 7.21)                       |
| Region 5R (San Francisco)   | *                   | (* - *)                               | 13.46               | (10.23 - 17.50)                       | 6.40              | (4.90 - 8.31)                       | 7.09              | (5.64 - 8.89)                       |
| Region 6 (Santa Clara)      | 12.04               | (9.63 - 14.95)                        | 11.56               | (9.03 - 14.68)                        | 4.82              | (3.73 - 6.20)                       | 5.69              | (4.61 - 7.00)                       |
| Region 7R (Contra Costa)    | 11.99               | (9.49 - 15.04)                        | 11.35               | (8.78 - 14.55)                        | 5.15              | (3.92 - 6.72)                       | 5.96              | (4.78 - 7.42)                       |
| Region 8R (Alameda)         | 13.23               | (10.40 - 16.69)                       | 14.18               | (10.99 - 18.10)                       | 5.89              | (4.55 - 7.61)                       | 6.99              | (5.64 - 8.64)                       |
| Region 9R (San Mateo)       | 11.94               | (9.42 - 15.02)                        | 12.26               | (9.41 - 15.82)                        | 4.80              | (3.61 - 6.35)                       | 5.63              | (4.45 - 7.10)                       |
| Region 10                   | 13.23               | (10.56 - 16.44)                       | 10.32               | (7.97 - 13.26)                        | 5.80              | (4.39 - 7.62)                       | 6.54              | (5.21 - 8.18)                       |
| Region 11 (Los Angeles)     | 11.74               | (10.47 - 13.15)                       | 10.20               | (8.98 - 11.57)                        | 5.19              | (4.53 - 5.94)                       | 5.95              | (5.33 - 6.63)                       |
| LA SPA 1 and 5              | 12.09               | (9.53 - 15.23)                        | 11.76               | (9.17 - 14.98)                        | 5.87              | (4.47 - 7.67)                       | 6.76              | (5.42 - 8.39)                       |
| LA SPA 2                    | 12.17               | (9.85 - 14.95)                        | 10.57               | (8.34 - 13.32)                        | 5.52              | (4.27 - 7.10)                       | 6.22              | (5.03 - 7.67)                       |
| LA SPA 3                    | 11.78               | (9.34 - 14.76)                        | 9.90                | (7.66 - 12.71)                        | 4.43              | (3.37 - 5.81)                       | 5.24              | (4.19 - 6.52)                       |
| LA SPA 4                    | 11.88               | (9.26 - 15.13)                        | 10.27               | (7.91 - 13.24)                        | 6.29              | (4.76 - 8.27)                       | 6.82              | (5.39 - 8.59)                       |
| LA SPA 6                    | 11.10               | (8.72 - 14.03)                        | 9.95                | (7.57 - 12.97)                        | 4.58              | (3.45 - 6.04)                       | 5.65              | (4.51 - 7.05)                       |
| LA SPA 7                    | 11.30               | (8.96 - 14.16)                        | 9.38                | (7.18 - 12.16)                        | 4.47              | (3.37 - 5.90)                       | 5.28              | (4.22 - 6.60)                       |
| LA SPA 8                    | 11.74               | (9.28 - 14.74)                        | 9.82                | (7.58 - 12.64)                        | 5.19              | (4.01 - 6.69)                       | 5.85              | (4.71 - 7.25)                       |
| Region 12R                  | 13.85               | (10.97 - 17.35)                       | 9.14                | (6.94 - 11.95)                        | 5.44              | (4.11 - 7.16)                       | 6.01              | (4.75 - 7.57)                       |
| Regions 13 and 19R          | 14.28               | (11.59 - 17.48)                       | 8.82                | (6.89 - 11.22)                        | 5.81              | (4.54 - 7.41)                       | 6.31              | (5.13 - 7.74)                       |
| Region 14 (Orange)          | 12.41               | (10.02 - 15.28)                       | 11.42               | (9.02 - 14.34)                        | 5.22              | (4.08 - 6.65)                       | 6.11              | (5.02 - 7.43)                       |
| Region 15R (Fresno)         | 12.88               | (10.16 - 16.20)                       | 8.33                | (6.35 - 10.86)                        | 5.29              | (4.00 - 6.96)                       | 5.83              | (4.64 - 7.30)                       |
| Region 16R (San Diego)      | 12.31               | (10.05 - 14.99)                       | 10.27               | (8.14 - 12.87)                        | 5.39              | (4.31 - 6.72)                       | 6.15              | (5.11 - 7.38)                       |
| Region 17R                  | 11.84               | (9.51 - 14.64)                        | 7.92                | (6.10 - 10.22)                        | 4.90              | (3.76 - 6.36)                       | 5.43              | (4.37 - 6.72)                       |
| Region 18R (San Bernardino) | 13.18               | (10.68 - 16.16)                       | 8.43                | (6.51 - 10.84)                        | 5.56              | (4.32 - 7.14)                       | 6.06              | (4.90 - 7.46)                       |
| Region 20R                  | 12.86               | (10.19 - 16.09)                       | 8.42                | (6.41 - 11.01)                        | 5.58              | (4.24 - 7.29)                       | 6.06              | (4.81 - 7.59)                       |
| Region 21R                  | 12.57               | (10.00 - 15.70)                       | 10.26               | (7.83 - 13.33)                        | 5.33              | (4.08 - 6.95)                       | 6.15              | (4.94 - 7.64)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 14.09               | (12.24 - 16.17)                       | 11.46               | (9.70 - 13.48)                        | 6.83              | (5.78 - 8.06)                       | 7.50              | (6.54 - 8.58)                       |
| Region 1                                  | 14.39               | (11.26 - 18.21)                       | 11.49               | (8.70 - 15.01)                        | 6.66              | (5.02 - 8.77)                       | 7.35              | (5.80 - 9.27)                       |
| Region 2                                  | 14.54               | (11.27 - 18.56)                       | 10.80               | (8.01 - 14.42)                        | 7.10              | (5.21 - 9.62)                       | 7.67              | (5.90 - 9.93)                       |
| Region 3                                  | 14.30               | (11.51 - 17.64)                       | 11.77               | (9.22 - 14.92)                        | 7.01              | (5.40 - 9.05)                       | 7.67              | (6.18 - 9.47)                       |
| Region 4                                  | 15.48               | (11.89 - 19.91)                       | 10.48               | (7.80 - 13.94)                        | 6.31              | (4.60 - 8.59)                       | 6.88              | (5.29 - 8.91)                       |
| Region 5                                  | 12.29               | (9.50 - 15.76)                        | 11.86               | (9.05 - 15.40)                        | 7.00              | (5.29 - 9.20)                       | 7.65              | (6.05 - 9.64)                       |
| Region 6                                  | 13.82               | (10.90 - 17.35)                       | 13.18               | (10.06 - 17.08)                       | 6.63              | (5.05 - 8.68)                       | 7.56              | (6.04 - 9.42)                       |
| Region 7                                  | 14.03               | (11.07 - 17.63)                       | 9.40                | (7.01 - 12.51)                        | 6.93              | (5.20 - 9.20)                       | 7.33              | (5.74 - 9.32)                       |
| <b>Connecticut</b>                        | 11.38               | (9.61 - 13.42)                        | 11.20               | (9.41 - 13.29)                        | 5.90              | (4.88 - 7.11)                       | 6.64              | (5.69 - 7.74)                       |
| Eastern                                   | 12.64               | (9.71 - 16.29)                        | 12.16               | (9.22 - 15.86)                        | 6.42              | (4.79 - 8.56)                       | 7.42              | (5.86 - 9.36)                       |
| North Central                             | 10.90               | (8.50 - 13.89)                        | 10.83               | (8.31 - 13.99)                        | 5.88              | (4.47 - 7.71)                       | 6.54              | (5.20 - 8.20)                       |
| Northwestern                              | 11.78               | (9.17 - 15.01)                        | 11.39               | (8.60 - 14.93)                        | 5.90              | (4.39 - 7.89)                       | 6.59              | (5.14 - 8.42)                       |
| South Central                             | 11.99               | (9.33 - 15.29)                        | 12.45               | (9.58 - 16.04)                        | 6.28              | (4.69 - 8.37)                       | 7.16              | (5.64 - 9.04)                       |
| Southwest                                 | 10.38               | (7.92 - 13.49)                        | 9.17                | (6.95 - 12.02)                        | 5.13              | (3.75 - 6.98)                       | 5.67              | (4.36 - 7.34)                       |
| <b>Delaware</b>                           | 11.22               | (9.55 - 13.14)                        | 10.29               | (8.66 - 12.19)                        | 6.04              | (5.02 - 7.26)                       | 6.62              | (5.68 - 7.70)                       |
| Kent                                      | 11.60               | (9.11 - 14.66)                        | 7.83                | (5.83 - 10.46)                        | 5.78              | (4.27 - 7.78)                       | 6.09              | (4.71 - 7.84)                       |
| New Castle (excluding<br>Wilmington City) | 11.13               | (9.00 - 13.69)                        | 11.55               | (9.34 - 14.19)                        | 6.38              | (5.04 - 8.04)                       | 7.13              | (5.88 - 8.61)                       |
| Sussex                                    | 11.76               | (9.20 - 14.92)                        | 10.12               | (7.66 - 13.27)                        | 5.55              | (4.11 - 7.45)                       | 6.01              | (4.65 - 7.75)                       |
| Wilmington City                           | 9.60                | (7.22 - 12.65)                        | 8.28                | (6.10 - 11.13)                        | 5.96              | (4.38 - 8.06)                       | 6.28              | (4.80 - 8.17)                       |
| <b>District of Columbia</b>               | 9.52                | (8.02 - 11.26)                        | 11.84               | (9.94 - 14.05)                        | 6.16              | (5.23 - 7.25)                       | 7.14              | (6.27 - 8.12)                       |
| Ward 1                                    | *                   | (* - *)                               | 10.86               | (8.18 - 14.28)                        | 6.70              | (5.09 - 8.78)                       | 7.45              | (5.96 - 9.29)                       |
| Ward 2                                    | *                   | (* - *)                               | 15.72               | (12.06 - 20.23)                       | 8.01              | (6.16 - 10.37)                      | 10.03             | (8.18 - 12.23)                      |
| Ward 3                                    | 11.95               | (9.21 - 15.37)                        | 14.93               | (11.37 - 19.35)                       | 7.10              | (5.37 - 9.32)                       | 8.39              | (6.72 - 10.43)                      |
| Ward 4                                    | 9.74                | (7.41 - 12.71)                        | 10.32               | (7.63 - 13.81)                        | 5.16              | (3.81 - 6.96)                       | 5.74              | (4.43 - 7.41)                       |
| Ward 5                                    | 9.16                | (6.93 - 12.01)                        | 11.26               | (8.30 - 15.09)                        | 4.91              | (3.61 - 6.66)                       | 5.98              | (4.67 - 7.63)                       |
| Ward 6                                    | 8.85                | (6.60 - 11.78)                        | 11.71               | (8.94 - 15.21)                        | 7.29              | (5.61 - 9.42)                       | 7.84              | (6.25 - 9.78)                       |
| Ward 7                                    | 8.66                | (6.54 - 11.37)                        | 7.88                | (5.81 - 10.61)                        | 4.54              | (3.35 - 6.12)                       | 5.09              | (3.97 - 6.50)                       |
| Ward 8                                    | 8.73                | (6.68 - 11.32)                        | 8.38                | (6.23 - 11.19)                        | 5.23              | (3.89 - 6.99)                       | 5.84              | (4.60 - 7.39)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 11.94               | (10.81 - 13.17)                       | 9.72                | (8.69 - 10.86)                        | 5.45              | (4.79 - 6.18)                       | 5.98              | (5.39 - 6.64)                       |
| Broward (Circuit 17)                                                    | 11.14               | (8.92 - 13.84)                        | 9.87                | (7.75 - 12.49)                        | 4.96              | (3.75 - 6.54)                       | 5.55              | (4.40 - 6.99)                       |
| Central I                                                               | 12.88               | (10.98 - 15.05)                       | 9.26                | (7.68 - 11.12)                        | 5.72              | (4.68 - 6.97)                       | 6.22              | (5.25 - 7.36)                       |
| Circuit 9                                                               | 12.62               | (10.32 - 15.36)                       | 8.79                | (6.90 - 11.14)                        | 5.70              | (4.45 - 7.27)                       | 6.18              | (5.03 - 7.58)                       |
| Circuit 18                                                              | 13.29               | (10.71 - 16.38)                       | 10.15               | (7.87 - 13.00)                        | 5.75              | (4.35 - 7.56)                       | 6.28              | (4.95 - 7.94)                       |
| Central II                                                              | 11.70               | (10.25 - 13.33)                       | 10.05               | (8.65 - 11.64)                        | 5.53              | (4.69 - 6.51)                       | 6.04              | (5.25 - 6.93)                       |
| Circuit 6                                                               | 11.95               | (9.61 - 14.78)                        | 10.13               | (7.83 - 13.00)                        | 5.59              | (4.24 - 7.33)                       | 6.04              | (4.76 - 7.64)                       |
| Circuit 10                                                              | 11.92               | (9.47 - 14.91)                        | 8.60                | (6.64 - 11.06)                        | 5.31              | (3.97 - 7.08)                       | 5.72              | (4.46 - 7.31)                       |
| Circuit 12                                                              | 11.78               | (9.25 - 14.90)                        | 10.01               | (7.64 - 13.00)                        | 5.24              | (3.86 - 7.09)                       | 5.69              | (4.36 - 7.39)                       |
| Circuit 13 (Hillsborough)                                               | 11.25               | (8.98 - 14.00)                        | 10.61               | (8.31 - 13.46)                        | 6.25              | (4.84 - 8.04)                       | 6.86              | (5.53 - 8.48)                       |
| Circuit 20                                                              | 11.80               | (9.19 - 15.04)                        | 10.25               | (7.75 - 13.45)                        | 5.08              | (3.73 - 6.88)                       | 5.60              | (4.30 - 7.25)                       |
| Northeast                                                               | 12.89               | (11.17 - 14.84)                       | 9.93                | (8.45 - 11.64)                        | 5.67              | (4.74 - 6.77)                       | 6.21              | (5.35 - 7.19)                       |
| Circuit 4                                                               | 11.57               | (9.18 - 14.48)                        | 9.01                | (7.00 - 11.53)                        | 6.10              | (4.64 - 7.99)                       | 6.50              | (5.16 - 8.17)                       |
| Circuit 5                                                               | 13.73               | (10.86 - 17.22)                       | 10.56               | (8.11 - 13.65)                        | 5.13              | (3.84 - 6.84)                       | 5.64              | (4.38 - 7.23)                       |
| Circuit 7                                                               | 13.96               | (11.07 - 17.45)                       | 10.59               | (8.13 - 13.68)                        | 5.54              | (4.14 - 7.38)                       | 6.12              | (4.78 - 7.80)                       |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | 12.76               | (10.03 - 16.10)                       | 10.02               | (7.63 - 13.04)                        | 6.15              | (4.66 - 8.08)                       | 6.91              | (5.52 - 8.61)                       |
| Northwest                                                               | 13.39               | (11.34 - 15.74)                       | 9.78                | (8.20 - 11.62)                        | 6.29              | (5.15 - 7.65)                       | 6.84              | (5.82 - 8.04)                       |
| Circuit 1                                                               | 14.41               | (11.51 - 17.90)                       | 9.20                | (7.13 - 11.78)                        | 6.44              | (4.87 - 8.47)                       | 6.83              | (5.38 - 8.62)                       |
| Circuit 2 plus Madison and<br>Taylor                                    | 11.37               | (8.87 - 14.46)                        | 9.81                | (7.58 - 12.60)                        | 5.94              | (4.44 - 7.92)                       | 6.76              | (5.39 - 8.46)                       |
| Circuit 14                                                              | *                   | (* - *)                               | 11.25               | (8.58 - 14.62)                        | 6.40              | (4.73 - 8.60)                       | 7.00              | (5.42 - 9.01)                       |
| South (Circuits 11 and 16)                                              | 10.06               | (8.15 - 12.37)                        | 9.41                | (7.51 - 11.72)                        | 4.73              | (3.69 - 6.04)                       | 5.33              | (4.35 - 6.50)                       |
| Southeast                                                               | 11.84               | (9.90 - 14.10)                        | 9.41                | (7.69 - 11.46)                        | 5.31              | (4.23 - 6.63)                       | 5.75              | (4.74 - 6.96)                       |
| Circuit 15 (Palm Beach)                                                 | 11.63               | (9.33 - 14.42)                        | 9.15                | (7.13 - 11.68)                        | 5.01              | (3.79 - 6.60)                       | 5.47              | (4.31 - 6.92)                       |
| Circuit 19                                                              | 12.27               | (9.69 - 15.41)                        | 9.99                | (7.55 - 13.11)                        | 5.95              | (4.41 - 7.98)                       | 6.38              | (4.90 - 8.26)                       |
| <b>Georgia</b>                                                          | 10.14               | (8.74 - 11.73)                        | 8.94                | (7.63 - 10.44)                        | 6.08              | (5.20 - 7.11)                       | 6.51              | (5.72 - 7.39)                       |
| Region 1                                                                | 10.63               | (8.49 - 13.23)                        | 9.49                | (7.34 - 12.19)                        | 6.02              | (4.69 - 7.70)                       | 6.48              | (5.25 - 7.97)                       |
| Region 2                                                                | 10.70               | (8.38 - 13.56)                        | 9.38                | (7.24 - 12.07)                        | 6.77              | (5.18 - 8.81)                       | 7.20              | (5.75 - 8.98)                       |
| Region 3                                                                | 9.49                | (7.58 - 11.83)                        | 9.15                | (7.25 - 11.48)                        | 5.67              | (4.42 - 7.25)                       | 6.17              | (5.03 - 7.55)                       |
| Region 4                                                                | 10.07               | (7.73 - 13.01)                        | 7.56                | (5.53 - 10.26)                        | 6.38              | (4.76 - 8.50)                       | 6.57              | (5.09 - 8.44)                       |
| Region 5                                                                | 10.31               | (8.00 - 13.19)                        | 8.33                | (6.39 - 10.79)                        | 6.36              | (4.76 - 8.45)                       | 6.68              | (5.25 - 8.47)                       |
| Region 6                                                                | 9.97                | (7.79 - 12.67)                        | 8.35                | (6.30 - 11.01)                        | 6.14              | (4.66 - 8.03)                       | 6.47              | (5.12 - 8.15)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 10.21               | (8.54 - 12.16)                        | 8.71                | (7.10 - 10.65)                        | 4.86              | (3.95 - 5.97)                       | 5.36              | (4.52 - 6.36)                       |
| Hawaii Island                   | 10.81               | (8.29 - 13.98)                        | 8.32                | (6.11 - 11.24)                        | 5.05              | (3.71 - 6.83)                       | 5.45              | (4.19 - 7.06)                       |
| Honolulu                        | 10.01               | (8.11 - 12.30)                        | 8.70                | (6.87 - 10.97)                        | 4.80              | (3.76 - 6.12)                       | 5.33              | (4.35 - 6.51)                       |
| Kauai                           | 11.15               | (8.34 - 14.74)                        | 9.25                | (6.67 - 12.71)                        | 5.12              | (3.66 - 7.11)                       | 5.58              | (4.17 - 7.43)                       |
| Maui                            | 10.24               | (7.75 - 13.41)                        | 9.05                | (6.62 - 12.26)                        | 4.91              | (3.55 - 6.76)                       | 5.39              | (4.09 - 7.07)                       |
| <b>Idaho</b>                    | 14.82               | (12.80 - 17.10)                       | 10.68               | (9.03 - 12.59)                        | 6.85              | (5.81 - 8.06)                       | 7.40              | (6.46 - 8.46)                       |
| Region 1                        | 14.28               | (11.18 - 18.08)                       | 10.87               | (8.17 - 14.31)                        | 6.37              | (4.83 - 8.36)                       | 6.90              | (5.44 - 8.73)                       |
| Region 2                        | *                   | (* - *)                               | 11.60               | (8.67 - 15.37)                        | 6.69              | (4.93 - 9.03)                       | 7.55              | (5.89 - 9.62)                       |
| Region 3                        | 14.58               | (11.54 - 18.24)                       | 10.12               | (7.73 - 13.14)                        | 6.71              | (5.10 - 8.78)                       | 7.20              | (5.69 - 9.06)                       |
| Region 4                        | 16.39               | (13.14 - 20.26)                       | 11.94               | (9.32 - 15.17)                        | 7.41              | (5.81 - 9.42)                       | 8.01              | (6.51 - 9.81)                       |
| Region 5                        | 14.05               | (10.99 - 17.78)                       | 9.26                | (6.95 - 12.23)                        | 6.62              | (5.01 - 8.71)                       | 6.99              | (5.50 - 8.83)                       |
| Region 6                        | 14.31               | (11.05 - 18.34)                       | *                   | (* - *)                               | 6.92              | (5.17 - 9.21)                       | 7.40              | (5.78 - 9.42)                       |
| Region 7                        | 13.83               | (10.81 - 17.53)                       | 9.95                | (7.50 - 13.08)                        | 6.54              | (4.93 - 8.63)                       | 7.17              | (5.70 - 8.99)                       |
| <b>Illinois</b>                 | 11.61               | (10.35 - 13.01)                       | 9.43                | (8.29 - 10.72)                        | 5.25              | (4.60 - 5.98)                       | 5.84              | (5.24 - 6.50)                       |
| Region 1 (Cook)                 | 10.46               | (8.98 - 12.15)                        | 9.44                | (8.03 - 11.06)                        | 4.93              | (4.18 - 5.80)                       | 5.55              | (4.85 - 6.35)                       |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 5.55              | (4.15 - 7.38)                       | 6.16              | (4.80 - 7.87)                       |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 5.51              | (4.03 - 7.48)                       | 6.03              | (4.64 - 7.81)                       |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | *                   | (* - *)                               | 6.87              | (5.19 - 9.03)                       | 7.56              | (5.95 - 9.56)                       |
| Region 1.4 (West Side)          | 10.46               | (8.01 - 13.55)                        | 8.66                | (6.57 - 11.32)                        | 5.19              | (3.86 - 6.93)                       | 5.76              | (4.51 - 7.32)                       |
| Region 1.5 (South Side)         | 10.01               | (7.68 - 12.95)                        | 9.14                | (6.86 - 12.08)                        | 4.37              | (3.23 - 5.90)                       | 5.10              | (3.98 - 6.50)                       |
| Region 1.6 (Southwest Side)     | 10.06               | (7.70 - 13.04)                        | 7.85                | (5.87 - 10.42)                        | 4.58              | (3.34 - 6.27)                       | 5.13              | (3.96 - 6.62)                       |
| Region 1.7 (Suburban Cook)      | 10.32               | (8.27 - 12.81)                        | 9.26                | (7.28 - 11.71)                        | 4.49              | (3.50 - 5.75)                       | 5.11              | (4.15 - 6.26)                       |
| Region 2                        | 12.31               | (10.64 - 14.20)                       | 9.18                | (7.72 - 10.88)                        | 5.05              | (4.26 - 5.99)                       | 5.64              | (4.90 - 6.48)                       |
| Region 2a (DuPage)              | 11.75               | (9.36 - 14.64)                        | 10.62               | (8.13 - 13.75)                        | 5.18              | (3.95 - 6.78)                       | 5.91              | (4.71 - 7.39)                       |
| Region 2b                       | 12.04               | (9.86 - 14.62)                        | 8.50                | (6.69 - 10.75)                        | 4.68              | (3.69 - 5.93)                       | 5.24              | (4.30 - 6.36)                       |
| Region 2c (Winnebago)           | *                   | (* - *)                               | *                   | (* - *)                               | 5.92              | (4.36 - 8.00)                       | 6.43              | (4.94 - 8.33)                       |
| Region 2d                       | 13.87               | (10.91 - 17.48)                       | 9.28                | (7.06 - 12.10)                        | 5.69              | (4.33 - 7.45)                       | 6.23              | (4.96 - 7.80)                       |
| Region 3                        | 11.77               | (9.54 - 14.44)                        | 9.43                | (7.60 - 11.65)                        | 6.37              | (5.01 - 8.07)                       | 6.87              | (5.64 - 8.35)                       |
| Region 3a (Champaign)           | *                   | (* - *)                               | 9.78                | (7.48 - 12.69)                        | 5.99              | (4.45 - 8.01)                       | 7.05              | (5.63 - 8.80)                       |
| Region 3b                       | 11.79               | (9.37 - 14.74)                        | 9.31                | (7.17 - 12.02)                        | 6.43              | (4.94 - 8.32)                       | 6.84              | (5.49 - 8.51)                       |
| Region 4                        | 13.26               | (10.85 - 16.11)                       | 10.21               | (8.06 - 12.86)                        | 5.80              | (4.60 - 7.29)                       | 6.40              | (5.27 - 7.75)                       |
| Region 4a (Sangamon)            | *                   | (* - *)                               | *                   | (* - *)                               | 5.69              | (4.18 - 7.70)                       | 6.23              | (4.78 - 8.07)                       |
| Region 4b                       | 13.57               | (10.74 - 17.01)                       | 10.27               | (7.81 - 13.39)                        | 5.83              | (4.47 - 7.58)                       | 6.45              | (5.16 - 8.03)                       |
| Region 5                        | 12.35               | (10.21 - 14.87)                       | 9.72                | (7.87 - 11.95)                        | 5.53              | (4.46 - 6.83)                       | 6.10              | (5.08 - 7.31)                       |
| Region 5a                       | 12.53               | (9.82 - 15.86)                        | 9.35                | (7.11 - 12.20)                        | 5.82              | (4.38 - 7.70)                       | 6.30              | (4.93 - 8.01)                       |
| Region 5b                       | 12.19               | (9.52 - 15.48)                        | 10.01               | (7.62 - 13.04)                        | 5.29              | (4.01 - 6.94)                       | 5.94              | (4.72 - 7.45)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 14.11               | (12.13 - 16.35)                       | 11.37               | (9.69 - 13.31)                        | 6.93              | (5.81 - 8.24)                       | 7.59              | (6.60 - 8.72)                       |
| Central                                     | 13.97               | (11.16 - 17.36)                       | 11.93               | (9.33 - 15.12)                        | 7.05              | (5.45 - 9.07)                       | 7.73              | (6.24 - 9.53)                       |
| East                                        | 13.36               | (10.31 - 17.15)                       | 11.67               | (8.78 - 15.34)                        | 6.48              | (4.79 - 8.71)                       | 7.31              | (5.72 - 9.29)                       |
| North Central                               | 14.72               | (11.48 - 18.68)                       | 10.36               | (7.82 - 13.59)                        | 6.65              | (4.95 - 8.89)                       | 7.19              | (5.63 - 9.14)                       |
| Northeast                                   | 13.77               | (10.62 - 17.66)                       | 10.69               | (8.00 - 14.13)                        | 7.04              | (5.29 - 9.31)                       | 7.56              | (5.93 - 9.60)                       |
| Northwest                                   | 13.39               | (10.44 - 17.01)                       | 10.09               | (7.55 - 13.36)                        | 6.60              | (4.83 - 8.96)                       | 7.09              | (5.45 - 9.18)                       |
| Southeast                                   | 14.34               | (11.30 - 18.02)                       | 12.91               | (9.91 - 16.65)                        | 6.94              | (5.11 - 9.37)                       | 7.69              | (5.94 - 9.89)                       |
| Southwest                                   | *                   | (* - *)                               | 12.23               | (9.20 - 16.09)                        | 7.09              | (5.20 - 9.60)                       | 7.80              | (6.01 - 10.06)                      |
| West                                        | *                   | (* - *)                               | 11.23               | (8.48 - 14.73)                        | 7.45              | (5.54 - 9.94)                       | 8.28              | (6.56 - 10.40)                      |
| <b>Iowa</b>                                 | 12.94               | (11.19 - 14.90)                       | 10.10               | (8.57 - 11.87)                        | 6.12              | (5.14 - 7.27)                       | 6.72              | (5.85 - 7.72)                       |
| Central                                     | 13.18               | (10.38 - 16.59)                       | 10.49               | (7.97 - 13.69)                        | 6.12              | (4.63 - 8.06)                       | 6.75              | (5.34 - 8.49)                       |
| North Central                               | 13.55               | (10.59 - 17.17)                       | 10.38               | (7.81 - 13.67)                        | 6.12              | (4.57 - 8.15)                       | 6.93              | (5.48 - 8.73)                       |
| Northeast                                   | 12.59               | (9.94 - 15.83)                        | 10.67               | (8.29 - 13.65)                        | 6.47              | (4.88 - 8.52)                       | 7.10              | (5.66 - 8.88)                       |
| Northwest                                   | 12.39               | (9.70 - 15.69)                        | 8.22                | (6.13 - 10.94)                        | 5.13              | (3.79 - 6.92)                       | 5.56              | (4.31 - 7.15)                       |
| Southeast                                   | 13.31               | (10.54 - 16.67)                       | 10.37               | (7.98 - 13.38)                        | 6.43              | (4.93 - 8.33)                       | 7.06              | (5.67 - 8.75)                       |
| Southwest                                   | 12.76               | (9.76 - 16.51)                        | 9.54                | (7.13 - 12.64)                        | 6.14              | (4.56 - 8.22)                       | 6.57              | (5.10 - 8.43)                       |
| <b>Kansas</b>                               | 12.02               | (10.23 - 14.07)                       | 9.92                | (8.34 - 11.77)                        | 6.77              | (5.69 - 8.04)                       | 7.25              | (6.30 - 8.35)                       |
| Northeast                                   | 11.14               | (8.96 - 13.78)                        | 10.41               | (8.35 - 12.91)                        | 7.01              | (5.58 - 8.77)                       | 7.56              | (6.27 - 9.09)                       |
| Northwest and North Central                 | 12.47               | (9.49 - 16.22)                        | *                   | (* - *)                               | 6.30              | (4.57 - 8.63)                       | 6.79              | (5.18 - 8.85)                       |
| South Central                               | 13.18               | (10.47 - 16.46)                       | 9.56                | (7.35 - 12.34)                        | 6.65              | (5.12 - 8.59)                       | 7.07              | (5.67 - 8.79)                       |
| Southeast                                   | 12.72               | (9.70 - 16.50)                        | *                   | (* - *)                               | 6.86              | (5.01 - 9.32)                       | 7.24              | (5.54 - 9.40)                       |
| Southwest                                   | 12.13               | (9.35 - 15.60)                        | 7.73                | (5.63 - 10.54)                        | 5.87              | (4.25 - 8.04)                       | 6.16              | (4.68 - 8.06)                       |
| <b>Kentucky</b>                             | 11.10               | (9.45 - 13.01)                        | 10.65               | (9.00 - 12.57)                        | 6.87              | (5.77 - 8.16)                       | 7.40              | (6.41 - 8.54)                       |
| Adanta, Cumberland River,<br>and Lifeskills | 10.27               | (7.90 - 13.24)                        | 10.97               | (8.26 - 14.41)                        | 7.20              | (5.42 - 9.50)                       | 7.74              | (6.09 - 9.80)                       |
| Bluegrass, Comprehend, and<br>North Key     | 11.02               | (8.65 - 13.93)                        | 11.10               | (8.75 - 13.99)                        | 6.57              | (5.04 - 8.53)                       | 7.25              | (5.84 - 8.96)                       |
| Centerstone                                 | 11.51               | (9.12 - 14.43)                        | 10.25               | (7.81 - 13.35)                        | 6.76              | (5.18 - 8.79)                       | 7.23              | (5.76 - 9.04)                       |
| Communicare and River Valley                | 10.99               | (8.23 - 14.53)                        | 9.23                | (6.90 - 12.24)                        | 6.52              | (4.75 - 8.89)                       | 6.90              | (5.25 - 9.01)                       |
| Four Rivers and Pennyroyal                  | 11.46               | (8.75 - 14.86)                        | 9.90                | (7.43 - 13.08)                        | 6.89              | (5.09 - 9.27)                       | 7.33              | (5.67 - 9.43)                       |
| Kentucky River, Mountain,<br>and Pathways   | 11.60               | (8.94 - 14.93)                        | 11.81               | (8.88 - 15.53)                        | 7.66              | (5.66 - 10.30)                      | 8.21              | (6.32 - 10.60)                      |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 10.49               | (8.80 - 12.46)                        | 7.49                | (6.09 - 9.17)                         | 6.36              | (5.30 - 7.61)                       | 6.52              | (5.58 - 7.61)                       |
| Regions 1 and 10      | 10.03               | (7.94 - 12.59)                        | 8.40                | (6.47 - 10.84)                        | 6.87              | (5.36 - 8.77)                       | 7.08              | (5.70 - 8.77)                       |
| Region 1              | 9.44                | (6.98 - 12.64)                        | 8.13                | (5.90 - 11.09)                        | 6.46              | (4.74 - 8.75)                       | 6.71              | (5.14 - 8.72)                       |
| Region 10 (Jefferson) | 10.64               | (8.01 - 14.00)                        | 8.79                | (6.43 - 11.90)                        | 7.31              | (5.33 - 9.94)                       | 7.49              | (5.66 - 9.85)                       |
| Regions 2 and 9       | 10.53               | (8.12 - 13.53)                        | 8.06                | (6.04 - 10.67)                        | 5.71              | (4.34 - 7.47)                       | 6.06              | (4.81 - 7.62)                       |
| Region 3              | 10.42               | (7.84 - 13.73)                        | 7.31                | (5.31 - 9.98)                         | 5.90              | (4.30 - 8.06)                       | 6.10              | (4.63 - 8.00)                       |
| Regions 4, 5, and 6   | 11.07               | (8.64 - 14.09)                        | 6.98                | (5.07 - 9.53)                         | 6.93              | (5.25 - 9.10)                       | 6.94              | (5.42 - 8.83)                       |
| Regions 7 and 8       | 10.09               | (7.68 - 13.14)                        | 6.59                | (4.85 - 8.90)                         | 6.16              | (4.62 - 8.18)                       | 6.23              | (4.84 - 7.97)                       |
| <b>Maine</b>          | 12.96               | (11.21 - 14.93)                       | 12.50               | (10.67 - 14.59)                       | 6.77              | (5.67 - 8.05)                       | 7.45              | (6.45 - 8.60)                       |
| Aroostook/Downeast    | 13.41               | (10.85 - 16.46)                       | 11.74               | (9.30 - 14.71)                        | 6.86              | (5.30 - 8.84)                       | 7.39              | (5.93 - 9.19)                       |
| Aroostook             | 13.62               | (10.47 - 17.54)                       | 12.19               | (9.13 - 16.08)                        | 6.59              | (4.85 - 8.90)                       | 7.23              | (5.56 - 9.34)                       |
| Downeast              | *                   | (* - *)                               | 11.35               | (8.49 - 15.02)                        | 7.08              | (5.09 - 9.76)                       | 7.53              | (5.66 - 9.95)                       |
| Central               | 13.60               | (10.58 - 17.33)                       | 13.26               | (10.12 - 17.19)                       | 7.27              | (5.39 - 9.73)                       | 7.96              | (6.18 - 10.20)                      |
| Cumberland            | 13.09               | (10.42 - 16.33)                       | 13.50               | (10.49 - 17.22)                       | 6.50              | (4.94 - 8.51)                       | 7.36              | (5.87 - 9.19)                       |
| Midcoast              | 12.87               | (9.95 - 16.48)                        | 12.11               | (9.15 - 15.84)                        | 6.85              | (5.06 - 9.22)                       | 7.38              | (5.66 - 9.56)                       |
| Penquis               | 12.63               | (9.84 - 16.08)                        | 11.80               | (9.03 - 15.27)                        | 7.00              | (5.22 - 9.32)                       | 7.69              | (6.05 - 9.73)                       |
| Western               | 12.69               | (9.96 - 16.05)                        | 12.32               | (9.40 - 15.98)                        | 6.75              | (5.00 - 9.06)                       | 7.44              | (5.77 - 9.55)                       |
| York                  | 12.45               | (9.69 - 15.87)                        | 12.07               | (9.26 - 15.57)                        | 6.39              | (4.70 - 8.63)                       | 7.03              | (5.43 - 9.06)                       |
| <b>Maryland</b>       | 11.86               | (10.13 - 13.84)                       | 11.29               | (9.59 - 13.23)                        | 5.65              | (4.75 - 6.72)                       | 6.42              | (5.59 - 7.36)                       |
| Anne Arundel          | 12.55               | (9.60 - 16.25)                        | 13.87               | (10.48 - 18.13)                       | 6.31              | (4.70 - 8.43)                       | 7.29              | (5.72 - 9.25)                       |
| Baltimore City        | 9.20                | (6.94 - 12.12)                        | 9.55                | (7.19 - 12.58)                        | 5.48              | (4.08 - 7.32)                       | 6.12              | (4.80 - 7.77)                       |
| Baltimore County      | 11.74               | (9.01 - 15.17)                        | 11.44               | (8.55 - 15.14)                        | 5.82              | (4.27 - 7.88)                       | 6.58              | (5.10 - 8.44)                       |
| Montgomery            | 12.11               | (9.42 - 15.45)                        | 12.03               | (9.15 - 15.67)                        | 5.33              | (4.02 - 7.03)                       | 6.10              | (4.83 - 7.68)                       |
| North Central         | 12.43               | (9.59 - 15.95)                        | 12.12               | (9.24 - 15.75)                        | 5.70              | (4.18 - 7.72)                       | 6.52              | (5.07 - 8.37)                       |
| Northeast             | 13.57               | (10.47 - 17.42)                       | 12.45               | (9.24 - 16.58)                        | 5.94              | (4.36 - 8.06)                       | 6.77              | (5.24 - 8.70)                       |
| Prince George's       | 9.99                | (7.53 - 13.13)                        | 8.99                | (6.82 - 11.77)                        | 4.70              | (3.45 - 6.36)                       | 5.36              | (4.20 - 6.82)                       |
| South                 | 12.56               | (9.67 - 16.16)                        | 10.62               | (7.97 - 14.02)                        | 6.14              | (4.58 - 8.18)                       | 6.80              | (5.33 - 8.64)                       |
| West                  | 13.36               | (10.38 - 17.03)                       | 13.11               | (9.93 - 17.11)                        | 6.26              | (4.64 - 8.41)                       | 7.18              | (5.61 - 9.14)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 12.91               | (11.10 - 14.96)                       | 12.30               | (10.42 - 14.46)                       | 6.65              | (5.60 - 7.88)                       | 7.49              | (6.53 - 8.57)                       |
| Boston                | 13.25               | (10.20 - 17.04)                       | 13.73               | (10.34 - 18.02)                       | 8.07              | (6.05 - 10.70)                      | 9.25              | (7.34 - 11.59)                      |
| Central               | 12.26               | (9.46 - 15.73)                        | 11.33               | (8.60 - 14.79)                        | 6.43              | (4.83 - 8.51)                       | 7.14              | (5.63 - 9.02)                       |
| Metrowest             | 12.37               | (9.73 - 15.61)                        | 12.62               | (9.67 - 16.30)                        | 6.11              | (4.64 - 8.00)                       | 6.99              | (5.58 - 8.72)                       |
| Northeast             | 13.43               | (10.72 - 16.70)                       | 12.04               | (9.33 - 15.41)                        | 6.66              | (5.09 - 8.67)                       | 7.37              | (5.89 - 9.19)                       |
| Southeast             | 13.04               | (10.29 - 16.40)                       | 11.80               | (8.91 - 15.46)                        | 6.42              | (4.84 - 8.48)                       | 7.11              | (5.62 - 8.97)                       |
| Western               | 13.34               | (10.34 - 17.04)                       | 11.74               | (8.91 - 15.33)                        | 6.87              | (5.12 - 9.16)                       | 7.69              | (6.05 - 9.72)                       |
| <b>Michigan</b>       | 12.24               | (10.98 - 13.62)                       | 10.81               | (9.61 - 12.14)                        | 5.89              | (5.19 - 6.67)                       | 6.60              | (5.97 - 7.30)                       |
| Region 1              | 12.31               | (9.62 - 15.61)                        | 11.96               | (9.17 - 15.45)                        | 6.46              | (4.80 - 8.66)                       | 7.24              | (5.68 - 9.19)                       |
| Region 2              | 12.56               | (9.78 - 15.99)                        | 12.57               | (9.58 - 16.34)                        | 5.64              | (4.20 - 7.54)                       | 6.39              | (4.99 - 8.14)                       |
| Region 3              | 12.82               | (10.44 - 15.65)                       | 10.55               | (8.30 - 13.32)                        | 6.67              | (5.26 - 8.43)                       | 7.27              | (5.96 - 8.84)                       |
| Region 4              | 11.90               | (9.36 - 15.01)                        | 11.65               | (9.22 - 14.61)                        | 6.17              | (4.81 - 7.89)                       | 7.00              | (5.73 - 8.52)                       |
| Region 5              | 12.86               | (10.63 - 15.49)                       | 11.18               | (9.03 - 13.77)                        | 6.41              | (5.13 - 7.99)                       | 7.22              | (6.03 - 8.63)                       |
| Region 6              | 12.27               | (9.74 - 15.34)                        | 12.27               | (9.60 - 15.55)                        | 5.41              | (4.09 - 7.12)                       | 6.55              | (5.28 - 8.09)                       |
| Region 7              | 11.19               | (9.12 - 13.67)                        | 9.09                | (7.24 - 11.36)                        | 5.25              | (4.13 - 6.65)                       | 5.82              | (4.78 - 7.07)                       |
| Region 8              | 11.45               | (9.17 - 14.20)                        | 10.62               | (8.28 - 13.51)                        | 5.20              | (3.98 - 6.77)                       | 5.87              | (4.70 - 7.31)                       |
| Region 9              | 12.64               | (10.06 - 15.78)                       | 10.31               | (7.94 - 13.29)                        | 5.92              | (4.53 - 7.70)                       | 6.47              | (5.17 - 8.08)                       |
| Region 10             | 13.54               | (10.80 - 16.86)                       | 10.95               | (8.57 - 13.89)                        | 6.20              | (4.72 - 8.10)                       | 6.84              | (5.45 - 8.54)                       |
| <b>Minnesota</b>      | 13.32               | (11.56 - 15.30)                       | 10.87               | (9.20 - 12.80)                        | 6.71              | (5.70 - 7.88)                       | 7.28              | (6.36 - 8.32)                       |
| Regions 1 and 2       | 13.45               | (11.01 - 16.34)                       | 10.77               | (8.42 - 13.69)                        | 6.40              | (5.00 - 8.15)                       | 6.98              | (5.68 - 8.55)                       |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | 6.34              | (4.63 - 8.63)                       | 6.78              | (5.16 - 8.86)                       |
| Region 2              | 13.49               | (10.48 - 17.21)                       | *                   | (* - *)                               | 6.43              | (4.75 - 8.66)                       | 7.10              | (5.51 - 9.09)                       |
| Regions 3 and 4       | 14.34               | (11.76 - 17.37)                       | 10.44               | (8.26 - 13.12)                        | 6.68              | (5.34 - 8.32)                       | 7.21              | (5.97 - 8.68)                       |
| Region 3              | 13.73               | (10.56 - 17.67)                       | *                   | (* - *)                               | 6.71              | (4.91 - 9.10)                       | 7.21              | (5.54 - 9.34)                       |
| Region 4              | 14.62               | (11.56 - 18.33)                       | 10.44               | (7.90 - 13.69)                        | 6.66              | (5.06 - 8.71)                       | 7.21              | (5.71 - 9.06)                       |
| Regions 5 and 6       | 13.35               | (10.98 - 16.15)                       | 9.96                | (7.93 - 12.45)                        | 6.59              | (5.19 - 8.35)                       | 7.08              | (5.79 - 8.64)                       |
| Region 5              | 13.29               | (10.31 - 16.97)                       | 9.88                | (7.50 - 12.91)                        | 6.54              | (4.85 - 8.78)                       | 7.03              | (5.47 - 9.00)                       |
| Region 6              | 13.41               | (10.49 - 17.00)                       | 10.05               | (7.48 - 13.37)                        | 6.64              | (4.91 - 8.93)                       | 7.14              | (5.53 - 9.16)                       |
| Region 7              | 12.96               | (10.93 - 15.31)                       | 11.36               | (9.37 - 13.71)                        | 6.82              | (5.64 - 8.22)                       | 7.43              | (6.34 - 8.68)                       |
| Region 7A (Hennepin)  | 12.18               | (9.58 - 15.36)                        | 12.51               | (9.62 - 16.11)                        | 7.12              | (5.52 - 9.14)                       | 7.83              | (6.31 - 9.67)                       |
| Region 7B (Ramsey)    | 12.14               | (9.42 - 15.53)                        | 9.63                | (7.21 - 12.75)                        | 6.98              | (5.24 - 9.26)                       | 7.40              | (5.79 - 9.41)                       |
| Region 7C             | 13.88               | (11.05 - 17.31)                       | 11.11               | (8.54 - 14.32)                        | 6.44              | (4.89 - 8.42)                       | 7.04              | (5.59 - 8.83)                       |

See notes at end of table.

(continued)



**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 10.78               | (9.21 - 12.57)                        | 8.09                | (6.75 - 9.68)                         | 5.69              | (4.76 - 6.80)                       | 6.06              | (5.22 - 7.02)                       |
| Region 1                               | 11.11               | (8.73 - 14.05)                        | 8.57                | (6.51 - 11.21)                        | 5.93              | (4.53 - 7.72)                       | 6.33              | (5.04 - 7.92)                       |
| Region 2                               | 9.28                | (7.05 - 12.14)                        | 7.05                | (5.18 - 9.54)                         | 5.47              | (4.02 - 7.40)                       | 5.71              | (4.37 - 7.43)                       |
| Region 3                               | 10.69               | (8.23 - 13.77)                        | 8.09                | (5.97 - 10.88)                        | 5.62              | (4.16 - 7.55)                       | 6.04              | (4.70 - 7.72)                       |
| Region 4                               | 9.74                | (7.52 - 12.51)                        | 6.87                | (5.16 - 9.11)                         | 4.90              | (3.63 - 6.57)                       | 5.19              | (4.03 - 6.66)                       |
| Region 5                               | 10.33               | (7.88 - 13.45)                        | *                   | (* - *)                               | 5.70              | (4.12 - 7.82)                       | 6.04              | (4.57 - 7.95)                       |
| Region 6                               | 11.92               | (9.29 - 15.17)                        | 8.60                | (6.37 - 11.53)                        | 6.63              | (4.92 - 8.88)                       | 6.94              | (5.37 - 8.92)                       |
| Region 7                               | 12.23               | (9.47 - 15.65)                        | 9.31                | (7.01 - 12.27)                        | 5.92              | (4.38 - 7.95)                       | 6.39              | (4.97 - 8.19)                       |
| <b>Missouri</b>                        | 12.97               | (11.23 - 14.93)                       | 9.87                | (8.35 - 11.63)                        | 6.49              | (5.43 - 7.74)                       | 6.97              | (6.02 - 8.07)                       |
| Central                                | 12.59               | (9.79 - 16.05)                        | 9.68                | (7.28 - 12.76)                        | 6.05              | (4.51 - 8.09)                       | 6.69              | (5.25 - 8.48)                       |
| Eastern                                | 12.78               | (10.58 - 15.36)                       | 9.76                | (7.82 - 12.11)                        | 6.39              | (5.07 - 8.02)                       | 6.85              | (5.63 - 8.31)                       |
| Eastern (St. Louis City and<br>County) | 11.88               | (9.27 - 15.10)                        | 9.85                | (7.52 - 12.80)                        | 6.38              | (4.82 - 8.40)                       | 6.86              | (5.41 - 8.67)                       |
| Eastern (excluding St. Louis)          | 14.08               | (11.19 - 17.58)                       | 9.59                | (7.17 - 12.71)                        | 6.40              | (4.79 - 8.50)                       | 6.82              | (5.32 - 8.71)                       |
| Northwest                              | 12.57               | (10.32 - 15.24)                       | 9.43                | (7.43 - 11.90)                        | 6.45              | (5.11 - 8.11)                       | 6.86              | (5.63 - 8.35)                       |
| Northwest (Jackson)                    | 11.90               | (9.14 - 15.34)                        | 9.09                | (6.74 - 12.15)                        | 6.10              | (4.57 - 8.10)                       | 6.50              | (5.06 - 8.31)                       |
| Northwest (excluding Jackson)          | 13.11               | (10.28 - 16.58)                       | 9.69                | (7.22 - 12.90)                        | 6.75              | (5.04 - 8.98)                       | 7.17              | (5.58 - 9.17)                       |
| Southeast                              | 12.93               | (10.01 - 16.54)                       | 10.28               | (7.71 - 13.57)                        | 6.92              | (5.10 - 9.34)                       | 7.38              | (5.67 - 9.54)                       |
| Southwest                              | 14.36               | (11.34 - 18.02)                       | 10.69               | (8.18 - 13.84)                        | 6.82              | (5.11 - 9.06)                       | 7.37              | (5.78 - 9.33)                       |
| <b>Montana</b>                         | 12.55               | (10.78 - 14.56)                       | 10.18               | (8.62 - 11.98)                        | 6.78              | (5.69 - 8.06)                       | 7.26              | (6.29 - 8.37)                       |
| Region 1                               | 11.55               | (8.77 - 15.05)                        | *                   | (* - *)                               | 5.87              | (4.23 - 8.09)                       | 6.24              | (4.70 - 8.24)                       |
| Region 2                               | 12.09               | (9.38 - 15.45)                        | 8.93                | (6.72 - 11.77)                        | 6.46              | (4.84 - 8.58)                       | 6.82              | (5.34 - 8.68)                       |
| Region 3                               | 12.75               | (10.00 - 16.11)                       | 8.98                | (6.80 - 11.79)                        | 6.33              | (4.76 - 8.37)                       | 6.67              | (5.22 - 8.49)                       |
| Region 4                               | 12.80               | (10.12 - 16.07)                       | 11.25               | (8.85 - 14.21)                        | 7.35              | (5.63 - 9.54)                       | 7.93              | (6.37 - 9.85)                       |
| Region 5                               | 12.72               | (10.13 - 15.84)                       | 10.82               | (8.47 - 13.73)                        | 6.98              | (5.41 - 8.97)                       | 7.53              | (6.08 - 9.28)                       |
| <b>Nebraska</b>                        | 12.34               | (10.62 - 14.29)                       | 10.63               | (9.00 - 12.51)                        | 6.35              | (5.30 - 7.60)                       | 7.00              | (6.05 - 8.09)                       |
| Regions 1 and 2                        | 13.73               | (11.08 - 16.88)                       | 9.87                | (7.69 - 12.59)                        | 5.84              | (4.50 - 7.56)                       | 6.39              | (5.13 - 7.93)                       |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | 5.87              | (4.26 - 8.05)                       | 6.43              | (4.91 - 8.39)                       |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | 5.82              | (4.17 - 8.08)                       | 6.35              | (4.78 - 8.37)                       |
| Region 3                               | 12.35               | (9.57 - 15.78)                        | 10.16               | (7.56 - 13.52)                        | 5.80              | (4.27 - 7.83)                       | 6.45              | (5.02 - 8.25)                       |
| Region 4                               | 12.07               | (9.35 - 15.46)                        | 8.72                | (6.51 - 11.58)                        | 5.76              | (4.24 - 7.80)                       | 6.19              | (4.77 - 7.99)                       |
| Region 5                               | 12.69               | (10.07 - 15.86)                       | 10.93               | (8.45 - 14.04)                        | 6.69              | (5.10 - 8.75)                       | 7.41              | (5.93 - 9.23)                       |
| Region 6                               | 11.91               | (9.65 - 14.61)                        | 11.21               | (8.93 - 13.99)                        | 6.60              | (5.19 - 8.35)                       | 7.28              | (5.99 - 8.83)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 15.08               | (12.94 - 17.50)                       | 10.15               | (8.42 - 12.19)                        | 6.69              | (5.52 - 8.09)                       | 7.14              | (6.08 - 8.39)                       |
| Clark – Region 1        | 14.93               | (12.47 - 17.79)                       | 9.91                | (7.93 - 12.32)                        | 6.70              | (5.36 - 8.34)                       | 7.13              | (5.90 - 8.59)                       |
| Region 3                | 15.50               | (12.56 - 18.97)                       | 10.72               | (8.32 - 13.71)                        | 6.32              | (4.91 - 8.11)                       | 6.84              | (5.50 - 8.47)                       |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | 6.15              | (4.46 - 8.43)                       | 6.70              | (5.09 - 8.78)                       |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | 6.48              | (4.76 - 8.77)                       | 6.96              | (5.33 - 9.04)                       |
| Washoe – Region 2       | 15.44               | (12.11 - 19.48)                       | 10.84               | (8.32 - 13.99)                        | 6.94              | (5.19 - 9.23)                       | 7.47              | (5.84 - 9.50)                       |
| <b>New Hampshire</b>    | 13.56               | (11.67 - 15.70)                       | 13.91               | (11.77 - 16.38)                       | 7.76              | (6.54 - 9.18)                       | 8.59              | (7.47 - 9.86)                       |
| Central                 | 12.87               | (10.53 - 15.64)                       | 13.22               | (10.67 - 16.27)                       | 7.95              | (6.38 - 9.87)                       | 8.71              | (7.28 - 10.40)                      |
| Central 1               | 13.11               | (10.07 - 16.89)                       | 13.42               | (10.28 - 17.32)                       | 8.44              | (6.35 - 11.13)                      | 9.24              | (7.32 - 11.59)                      |
| Central 2               | 12.65               | (9.83 - 16.15)                        | 12.98               | (10.00 - 16.68)                       | 7.49              | (5.66 - 9.85)                       | 8.19              | (6.48 - 10.30)                      |
| Northern                | 13.11               | (10.14 - 16.78)                       | 12.73               | (9.62 - 16.65)                        | 7.82              | (5.84 - 10.39)                      | 8.51              | (6.67 - 10.79)                      |
| Southern                | 13.94               | (11.74 - 16.48)                       | 14.57               | (11.96 - 17.64)                       | 7.65              | (6.25 - 9.33)                       | 8.55              | (7.24 - 10.07)                      |
| Southern 1 (Rockingham) | 14.15               | (11.09 - 17.88)                       | 13.75               | (10.42 - 17.94)                       | 7.63              | (5.74 - 10.07)                      | 8.35              | (6.56 - 10.58)                      |
| Southern 2              | 13.81               | (11.21 - 16.89)                       | 15.01               | (11.97 - 18.66)                       | 7.66              | (6.02 - 9.71)                       | 8.67              | (7.13 - 10.51)                      |
| <b>New Jersey</b>       | 10.12               | (8.77 - 11.66)                        | 10.31               | (8.82 - 12.02)                        | 5.91              | (5.02 - 6.96)                       | 6.49              | (5.67 - 7.41)                       |
| Central                 | 9.90                | (7.87 - 12.38)                        | 10.29               | (8.02 - 13.09)                        | 5.89              | (4.52 - 7.62)                       | 6.44              | (5.17 - 7.99)                       |
| Metropolitan            | 9.50                | (7.45 - 12.04)                        | 9.44                | (7.31 - 12.10)                        | 5.61              | (4.23 - 7.40)                       | 6.14              | (4.85 - 7.74)                       |
| Northern                | 9.57                | (7.67 - 11.89)                        | 11.00               | (8.71 - 13.80)                        | 5.79              | (4.56 - 7.32)                       | 6.44              | (5.28 - 7.83)                       |
| Southern                | 11.94               | (9.59 - 14.77)                        | 10.39               | (8.07 - 13.28)                        | 6.50              | (5.03 - 8.36)                       | 7.01              | (5.66 - 8.67)                       |
| <b>New Mexico</b>       | 12.35               | (10.56 - 14.41)                       | 8.88                | (7.38 - 10.64)                        | 6.40              | (5.34 - 7.65)                       | 6.75              | (5.80 - 7.86)                       |
| Region 1                | 12.80               | (10.04 - 16.19)                       | 8.28                | (6.18 - 11.01)                        | 6.66              | (5.03 - 8.77)                       | 6.90              | (5.39 - 8.77)                       |
| Region 2                | 11.66               | (9.10 - 14.82)                        | 9.81                | (7.23 - 13.18)                        | 5.51              | (4.06 - 7.44)                       | 6.02              | (4.64 - 7.78)                       |
| Region 3 (Bernalillo)   | 12.27               | (9.75 - 15.34)                        | 9.93                | (7.74 - 12.65)                        | 6.87              | (5.30 - 8.86)                       | 7.30              | (5.86 - 9.06)                       |
| Region 4                | 12.95               | (10.13 - 16.42)                       | 8.02                | (5.87 - 10.85)                        | 6.79              | (5.04 - 9.09)                       | 6.99              | (5.40 - 9.00)                       |
| Region 5                | 11.98               | (9.67 - 14.74)                        | 7.93                | (6.20 - 10.09)                        | 5.76              | (4.49 - 7.36)                       | 6.10              | (4.96 - 7.49)                       |
| Region 5a               | 11.90               | (9.19 - 15.27)                        | 8.59                | (6.36 - 11.49)                        | 5.43              | (3.96 - 7.39)                       | 5.85              | (4.49 - 7.59)                       |
| Region 5b (Dona Ana)    | 12.04               | (9.25 - 15.53)                        | 7.50                | (5.49 - 10.16)                        | 6.08              | (4.46 - 8.22)                       | 6.34              | (4.89 - 8.17)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 11.71               | (10.57 - 12.95)                       | 10.57               | (9.42 - 11.84)                        | 5.86              | (5.19 - 6.59)                       | 6.53              | (5.93 - 7.20)                       |
| Region 1: Long Island                          | 11.79               | (9.74 - 14.20)                        | 10.67               | (8.52 - 13.29)                        | 5.34              | (4.21 - 6.75)                       | 6.06              | (4.99 - 7.35)                       |
| Region 2: New York City                        | 10.76               | (9.35 - 12.35)                        | 10.04               | (8.67 - 11.60)                        | 5.75              | (4.93 - 6.70)                       | 6.35              | (5.60 - 7.19)                       |
| Region 2A: Bronx                               | 10.68               | (8.46 - 13.39)                        | 7.47                | (5.76 - 9.63)                         | 5.18              | (3.92 - 6.80)                       | 5.56              | (4.42 - 6.98)                       |
| Region 2B: Kings                               | 10.42               | (8.35 - 12.94)                        | 9.31                | (7.33 - 11.76)                        | 5.53              | (4.35 - 7.00)                       | 6.07              | (4.97 - 7.39)                       |
| Region 2C: New York                            | 11.72               | (9.11 - 14.96)                        | 12.21               | (9.60 - 15.41)                        | 7.17              | (5.56 - 9.19)                       | 7.81              | (6.30 - 9.64)                       |
| Region 2D: Queens                              | 10.27               | (8.09 - 12.95)                        | 10.83               | (8.42 - 13.83)                        | 5.15              | (3.95 - 6.69)                       | 5.87              | (4.72 - 7.28)                       |
| Region 2E: Richmond                            | 12.78               | (10.01 - 16.17)                       | 11.99               | (9.11 - 15.62)                        | 6.16              | (4.60 - 8.21)                       | 6.96              | (5.47 - 8.83)                       |
| Region 3: Mid-Hudson                           | 11.56               | (9.35 - 14.21)                        | 10.13               | (7.96 - 12.82)                        | 5.34              | (4.18 - 6.81)                       | 6.03              | (4.92 - 7.38)                       |
| Region 4: Capital Region                       | 12.28               | (9.72 - 15.42)                        | 11.48               | (8.96 - 14.59)                        | 6.58              | (5.04 - 8.55)                       | 7.30              | (5.85 - 9.07)                       |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | 6.52              | (4.88 - 8.66)                       | 7.26              | (5.70 - 9.20)                       |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | 6.25              | (4.70 - 8.26)                       | 7.03              | (5.52 - 8.91)                       |
| Region 7: Tug Hill Seaway                      | 13.64               | (10.64 - 17.32)                       | *                   | (* - *)                               | 6.94              | (5.23 - 9.15)                       | 7.45              | (5.89 - 9.38)                       |
| Region 8: Central                              | 12.70               | (10.28 - 15.58)                       | 10.94               | (8.45 - 14.05)                        | 6.53              | (5.01 - 8.47)                       | 7.24              | (5.81 - 8.99)                       |
| Region 9: Southern Tier                        | 13.45               | (10.50 - 17.07)                       | 11.80               | (8.92 - 15.45)                        | 6.89              | (5.17 - 9.12)                       | 7.81              | (6.21 - 9.78)                       |
| Region 10: Finger Lakes                        | 13.96               | (11.25 - 17.19)                       | 11.81               | (9.20 - 15.04)                        | 6.35              | (4.96 - 8.10)                       | 7.18              | (5.84 - 8.79)                       |
| Region 11: Western                             | 12.42               | (10.11 - 15.18)                       | 11.25               | (8.84 - 14.22)                        | 6.21              | (4.92 - 7.80)                       | 6.95              | (5.73 - 8.40)                       |
| <b>North Carolina</b>                          | 11.92               | (10.42 - 13.61)                       | 9.34                | (8.02 - 10.85)                        | 6.85              | (5.91 - 7.93)                       | 7.20              | (6.37 - 8.13)                       |
| Alliance Behavioral<br>Healthcare 1            | 12.79               | (10.06 - 16.12)                       | 8.75                | (6.55 - 11.59)                        | 8.00              | (6.07 - 10.46)                      | 8.11              | (6.37 - 10.27)                      |
| Alliance Behavioral<br>Healthcare 2            | 11.83               | (9.21 - 15.09)                        | 9.29                | (7.00 - 12.24)                        | 6.56              | (4.93 - 8.68)                       | 6.94              | (5.44 - 8.81)                       |
| Cardinal Innovations<br>Healthcare Solutions 1 | 11.84               | (9.27 - 15.01)                        | 9.52                | (7.09 - 12.68)                        | 6.74              | (5.01 - 9.02)                       | 7.10              | (5.48 - 9.15)                       |
| Cardinal Innovations<br>Healthcare Solutions 2 | 11.76               | (9.07 - 15.12)                        | 9.70                | (7.32 - 12.74)                        | 6.19              | (4.62 - 8.25)                       | 6.71              | (5.25 - 8.53)                       |
| Cardinal Innovations<br>Healthcare Solutions 3 | 11.41               | (8.85 - 14.58)                        | 8.82                | (6.67 - 11.56)                        | 6.87              | (5.24 - 8.95)                       | 7.13              | (5.63 - 8.99)                       |
| CenterPoint Human Services                     | 10.82               | (8.36 - 13.89)                        | 8.88                | (6.67 - 11.73)                        | 6.56              | (4.85 - 8.83)                       | 6.87              | (5.30 - 8.88)                       |
| Eastpointe                                     | 11.58               | (9.08 - 14.66)                        | 7.63                | (5.78 - 10.00)                        | 6.18              | (4.67 - 8.14)                       | 6.38              | (5.01 - 8.09)                       |
| Partners Behavioral Health<br>Management       | 11.64               | (9.03 - 14.90)                        | 9.77                | (7.37 - 12.86)                        | 6.94              | (5.19 - 9.22)                       | 7.30              | (5.67 - 9.34)                       |
| Sandhills Center 1                             | *                   | (* - *)                               | 8.65                | (6.37 - 11.64)                        | 7.03              | (5.15 - 9.54)                       | 7.24              | (5.51 - 9.47)                       |
| Sandhills Center 2                             | 12.06               | (9.27 - 15.55)                        | 9.52                | (7.09 - 12.67)                        | 7.07              | (5.31 - 9.36)                       | 7.45              | (5.83 - 9.48)                       |
| Smoky Mountain Center 1                        | 12.69               | (9.79 - 16.29)                        | 11.03               | (8.29 - 14.53)                        | 6.66              | (4.95 - 8.91)                       | 7.27              | (5.66 - 9.30)                       |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | 11.77               | (8.83 - 15.52)                        | 6.75              | (5.02 - 9.01)                       | 7.29              | (5.64 - 9.39)                       |
| Trillium Health Resources 1                    | 11.83               | (9.18 - 15.12)                        | 8.76                | (6.62 - 11.51)                        | 6.95              | (5.21 - 9.22)                       | 7.24              | (5.66 - 9.22)                       |
| Trillium Health Resources 2                    | *                   | (* - *)                               | 10.11               | (7.62 - 13.29)                        | 7.55              | (5.63 - 10.04)                      | 7.97              | (6.24 - 10.12)                      |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 10.85               | (9.16 - 12.82)                        | 10.04               | (8.47 - 11.86)                        | 5.72              | (4.77 - 6.85)                       | 6.50              | (5.64 - 7.48)                       |
| Badlands and West Central     | 10.92               | (8.76 - 13.53)                        | 9.97                | (7.79 - 12.69)                        | 5.37              | (4.20 - 6.83)                       | 6.04              | (4.94 - 7.37)                       |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | 6.17              | (4.54 - 8.33)                       | 6.81              | (5.26 - 8.79)                       |
| West Central                  | 10.85               | (8.45 - 13.82)                        | 9.82                | (7.36 - 12.99)                        | 5.13              | (3.86 - 6.80)                       | 5.81              | (4.59 - 7.33)                       |
| Lake Region                   | 10.04               | (7.53 - 13.26)                        | *                   | (* - *)                               | 4.84              | (3.52 - 6.63)                       | 5.49              | (4.21 - 7.14)                       |
| North Central                 | 11.22               | (8.59 - 14.52)                        | 9.17                | (6.87 - 12.15)                        | 6.00              | (4.43 - 8.06)                       | 6.56              | (5.13 - 8.35)                       |
| Northeast                     | 11.19               | (8.52 - 14.56)                        | 9.94                | (7.59 - 12.92)                        | 6.31              | (4.77 - 8.32)                       | 7.21              | (5.79 - 8.94)                       |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | 5.81              | (4.24 - 7.91)                       | 6.42              | (4.94 - 8.31)                       |
| South Central                 | 10.36               | (7.77 - 13.69)                        | *                   | (* - *)                               | 5.23              | (3.80 - 7.17)                       | 6.03              | (4.64 - 7.79)                       |
| Southeast                     | 10.65               | (8.33 - 13.53)                        | 10.49               | (8.28 - 13.21)                        | 6.01              | (4.60 - 7.83)                       | 6.93              | (5.64 - 8.50)                       |
| <b>Ohio</b>                   | 13.08               | (11.79 - 14.48)                       | 11.04               | (9.78 - 12.44)                        | 6.97              | (6.16 - 7.88)                       | 7.54              | (6.81 - 8.33)                       |
| Boards 2, 46, 55, and 68      | 12.32               | (9.69 - 15.55)                        | 9.94                | (7.43 - 13.18)                        | 6.69              | (5.02 - 8.86)                       | 7.13              | (5.56 - 9.11)                       |
| Boards 3, 52, and 85          | 12.72               | (9.99 - 16.08)                        | *                   | (* - *)                               | 6.57              | (4.93 - 8.70)                       | 7.04              | (5.50 - 8.96)                       |
| Boards 4 and 78               | 12.75               | (10.01 - 16.12)                       | 10.86               | (8.28 - 14.11)                        | 6.80              | (5.12 - 8.99)                       | 7.29              | (5.71 - 9.27)                       |
| Boards 5 and 60               | *                   | (* - *)                               | 12.13               | (9.35 - 15.61)                        | 7.45              | (5.62 - 9.80)                       | 8.27              | (6.57 - 10.35)                      |
| Boards 7, 15, 41, 79, and 84  | 13.99               | (11.07 - 17.53)                       | 12.13               | (9.15 - 15.90)                        | 7.16              | (5.37 - 9.48)                       | 7.75              | (6.06 - 9.87)                       |
| Boards 8, 13, and 83          | 12.80               | (10.18 - 15.97)                       | *                   | (* - *)                               | 6.43              | (4.83 - 8.52)                       | 6.91              | (5.41 - 8.80)                       |
| Board 9 (Butler)              | 12.98               | (10.17 - 16.44)                       | *                   | (* - *)                               | 7.07              | (5.33 - 9.32)                       | 7.54              | (5.92 - 9.56)                       |
| Board 12                      | 12.86               | (10.00 - 16.40)                       | 10.95               | (8.32 - 14.29)                        | 6.91              | (5.17 - 9.18)                       | 7.54              | (5.91 - 9.57)                       |
| Boards 18 and 47              | 12.58               | (10.16 - 15.47)                       | 11.34               | (8.98 - 14.23)                        | 6.65              | (5.18 - 8.50)                       | 7.28              | (5.91 - 8.94)                       |
| Boards 20, 32, 54, and 69     | 13.30               | (10.58 - 16.58)                       | 9.97                | (7.47 - 13.19)                        | 6.99              | (5.24 - 9.28)                       | 7.38              | (5.74 - 9.46)                       |
| Boards 21, 39, 51, 70, and 80 | 13.69               | (10.85 - 17.13)                       | 12.23               | (9.40 - 15.77)                        | 7.14              | (5.39 - 9.40)                       | 7.79              | (6.13 - 9.86)                       |
| Boards 22, 74, and 87         | 12.68               | (10.04 - 15.90)                       | 11.38               | (8.78 - 14.64)                        | 7.12              | (5.38 - 9.37)                       | 7.76              | (6.16 - 9.73)                       |
| Boards 23 and 45              | 13.84               | (10.97 - 17.31)                       | 10.41               | (7.99 - 13.46)                        | 7.98              | (6.08 - 10.40)                      | 8.32              | (6.60 - 10.44)                      |
| Board 25 (Franklin)           | 12.78               | (10.25 - 15.83)                       | 11.69               | (9.38 - 14.49)                        | 7.17              | (5.63 - 9.08)                       | 7.86              | (6.46 - 9.53)                       |
| Boards 27, 71, and 73         | 13.45               | (10.65 - 16.86)                       | 11.60               | (8.80 - 15.13)                        | 7.31              | (5.52 - 9.63)                       | 7.86              | (6.18 - 9.94)                       |
| Boards 28, 43, and 67         | 13.75               | (10.77 - 17.39)                       | 11.24               | (8.58 - 14.58)                        | 6.65              | (5.04 - 8.73)                       | 7.30              | (5.78 - 9.19)                       |
| Board 31 (Hamilton)           | 13.00               | (10.33 - 16.24)                       | 10.10               | (7.76 - 13.05)                        | 7.22              | (5.55 - 9.35)                       | 7.64              | (6.09 - 9.54)                       |
| Board 48 (Lucas)              | 12.40               | (9.70 - 15.73)                        | 9.66                | (7.26 - 12.74)                        | 7.07              | (5.30 - 9.37)                       | 7.46              | (5.84 - 9.48)                       |
| Boards 50 and 76              | 12.98               | (10.32 - 16.21)                       | 10.95               | (8.35 - 14.22)                        | 6.21              | (4.72 - 8.13)                       | 6.82              | (5.41 - 8.55)                       |
| Board 57 (Montgomery)         | 13.54               | (10.70 - 16.99)                       | 11.50               | (8.81 - 14.88)                        | 7.46              | (5.61 - 9.84)                       | 8.01              | (6.30 - 10.14)                      |
| Board 77 (Summit)             | 13.24               | (10.39 - 16.72)                       | 11.56               | (8.84 - 14.98)                        | 7.09              | (5.33 - 9.38)                       | 7.67              | (6.01 - 9.75)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 12.92               | (11.06 - 15.04)                       | 9.50                | (7.97 - 11.30)                        | 6.61              | (5.56 - 7.85)                       | 7.04              | (6.11 - 8.11)                       |
| Central                               | 13.49               | (10.50 - 17.18)                       | 11.10               | (8.36 - 14.60)                        | 6.95              | (5.26 - 9.14)                       | 7.62              | (6.03 - 9.57)                       |
| East Central                          | 13.26               | (10.31 - 16.89)                       | 9.43                | (7.07 - 12.46)                        | 6.20              | (4.59 - 8.34)                       | 6.66              | (5.17 - 8.54)                       |
| Northeast                             | 13.17               | (10.11 - 16.99)                       | 9.42                | (7.00 - 12.56)                        | 6.54              | (4.84 - 8.80)                       | 7.02              | (5.47 - 8.97)                       |
| Northwest and Southwest               | 13.08               | (10.16 - 16.68)                       | 9.16                | (6.89 - 12.08)                        | 6.67              | (4.99 - 8.85)                       | 7.05              | (5.53 - 8.95)                       |
| Oklahoma County                       | 12.26               | (9.44 - 15.77)                        | 9.07                | (6.87 - 11.89)                        | 6.63              | (4.99 - 8.76)                       | 6.98              | (5.49 - 8.84)                       |
| Southeast                             | 12.48               | (9.63 - 16.01)                        | 8.82                | (6.56 - 11.77)                        | 6.36              | (4.77 - 8.45)                       | 6.71              | (5.23 - 8.57)                       |
| Tulsa County                          | 13.07               | (10.11 - 16.72)                       | 9.62                | (7.23 - 12.70)                        | 6.82              | (5.11 - 9.05)                       | 7.22              | (5.65 - 9.18)                       |
| <b>Oregon</b>                         | 15.14               | (13.20 - 17.32)                       | 12.98               | (11.15 - 15.06)                       | 7.18              | (6.08 - 8.47)                       | 7.95              | (6.95 - 9.09)                       |
| Region 1 (Multnomah)                  | 15.64               | (12.45 - 19.45)                       | 14.36               | (11.13 - 18.33)                       | 8.84              | (6.84 - 11.35)                      | 9.52              | (7.67 - 11.77)                      |
| Region 2                              | 15.54               | (12.68 - 18.92)                       | 12.00               | (9.40 - 15.21)                        | 6.60              | (5.10 - 8.51)                       | 7.29              | (5.88 - 9.01)                       |
| Region 3                              | 14.89               | (11.99 - 18.34)                       | 13.19               | (10.47 - 16.49)                       | 7.35              | (5.68 - 9.45)                       | 8.24              | (6.69 - 10.11)                      |
| Region 4                              | 15.37               | (12.13 - 19.29)                       | 13.70               | (10.50 - 17.69)                       | 6.22              | (4.63 - 8.31)                       | 7.09              | (5.57 - 8.97)                       |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | 6.15              | (4.41 - 8.52)                       | 6.87              | (5.19 - 9.05)                       |
| Region 6 (Eastern)                    | 14.15               | (10.77 - 18.38)                       | *                   | (* - *)                               | 6.24              | (4.61 - 8.39)                       | 6.77              | (5.23 - 8.71)                       |
| <b>Pennsylvania</b>                   | 12.02               | (10.76 - 13.42)                       | 10.88               | (9.68 - 12.21)                        | 6.13              | (5.41 - 6.93)                       | 6.78              | (6.12 - 7.49)                       |
| Region 1 (Allegheny)                  | 12.09               | (9.65 - 15.05)                        | 12.35               | (9.68 - 15.63)                        | 6.31              | (4.85 - 8.16)                       | 7.06              | (5.69 - 8.74)                       |
| Regions 3, 8, 9, and 51               | 12.32               | (9.77 - 15.41)                        | 11.82               | (9.15 - 15.13)                        | 6.81              | (5.21 - 8.85)                       | 7.49              | (5.97 - 9.35)                       |
| Regions 4, 11, 37, and 49             | 13.19               | (10.44 - 16.54)                       | 10.81               | (8.34 - 13.91)                        | 6.28              | (4.83 - 8.14)                       | 6.89              | (5.51 - 8.58)                       |
| Regions 5, 18, 23, 24, and 46         | 12.72               | (10.05 - 15.97)                       | 12.54               | (9.73 - 16.03)                        | 7.03              | (5.38 - 9.14)                       | 7.74              | (6.18 - 9.65)                       |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 13.28               | (10.40 - 16.80)                       | 11.08               | (8.55 - 14.24)                        | 6.52              | (4.96 - 8.53)                       | 7.35              | (5.89 - 9.13)                       |
| Regions 7, 13, 20, and 33             | 11.22               | (9.09 - 13.77)                        | 10.04               | (8.01 - 12.51)                        | 5.43              | (4.28 - 6.86)                       | 6.02              | (4.94 - 7.32)                       |
| Regions 10, 15, 27, 32, 43, and 44    | 11.80               | (9.26 - 14.90)                        | 11.08               | (8.49 - 14.35)                        | 5.67              | (4.25 - 7.53)                       | 6.32              | (4.95 - 8.02)                       |
| Regions 17 and 21                     | 12.61               | (9.73 - 16.19)                        | 10.28               | (7.84 - 13.36)                        | 6.41              | (4.79 - 8.52)                       | 6.99              | (5.47 - 8.88)                       |
| Regions 19, 26, 28, and 42            | 12.00               | (9.62 - 14.86)                        | 10.42               | (8.22 - 13.13)                        | 6.64              | (5.22 - 8.41)                       | 7.13              | (5.80 - 8.74)                       |
| Regions 22, 38, 40, 41, and 48        | 11.94               | (9.39 - 15.08)                        | 11.28               | (8.64 - 14.59)                        | 5.18              | (3.89 - 6.86)                       | 5.86              | (4.61 - 7.43)                       |
| Regions 29 and 34                     | 12.45               | (9.78 - 15.72)                        | 10.27               | (7.79 - 13.43)                        | 5.52              | (4.10 - 7.38)                       | 6.16              | (4.82 - 7.85)                       |
| Regions 30 and 50                     | 13.03               | (10.21 - 16.48)                       | 11.02               | (8.40 - 14.32)                        | 5.72              | (4.30 - 7.58)                       | 6.39              | (5.01 - 8.10)                       |
| Region 36 (Philadelphia)              | 11.10               | (8.85 - 13.83)                        | 10.41               | (8.32 - 12.96)                        | 6.67              | (5.19 - 8.53)                       | 7.31              | (5.95 - 8.94)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 12.97               | (11.14 - 15.05)                       | 10.69               | (8.95 - 12.73)                        | 6.49              | (5.44 - 7.73)                       | 7.14              | (6.19 - 8.22)                       |
| Region 1: Southern Providence<br>County                   | 12.57               | (9.79 - 16.01)                        | 10.03               | (7.54 - 13.21)                        | 5.91              | (4.39 - 7.91)                       | 6.45              | (5.02 - 8.24)                       |
| Region 2: Northern Providence<br>County/Blackstone Valley | 12.71               | (10.04 - 15.97)                       | 10.35               | (7.78 - 13.65)                        | 6.36              | (4.79 - 8.39)                       | 6.87              | (5.40 - 8.70)                       |
| Region 3: Providence                                      | 11.05               | (8.43 - 14.37)                        | 10.32               | (7.82 - 13.51)                        | 7.31              | (5.39 - 9.83)                       | 8.10              | (6.41 - 10.18)                      |
| Region 4: Kent County                                     | 14.02               | (11.10 - 17.55)                       | 11.78               | (8.87 - 15.48)                        | 6.17              | (4.63 - 8.19)                       | 6.81              | (5.33 - 8.66)                       |
| Region 5: East Bay                                        | 13.96               | (10.71 - 18.01)                       | 11.45               | (8.46 - 15.34)                        | 7.76              | (5.71 - 10.47)                      | 8.26              | (6.34 - 10.71)                      |
| Region 6: Newport County                                  | 13.03               | (9.91 - 16.96)                        | *                   | (* - *)                               | 5.84              | (4.30 - 7.90)                       | 6.59              | (5.10 - 8.47)                       |
| Region 7: South County                                    | 14.78               | (11.57 - 18.70)                       | 10.89               | (8.18 - 14.36)                        | 6.53              | (4.85 - 8.73)                       | 7.28              | (5.71 - 9.23)                       |
| <b>South Carolina</b>                                     | 10.71               | (9.09 - 12.57)                        | 8.81                | (7.37 - 10.50)                        | 6.16              | (5.15 - 7.36)                       | 6.53              | (5.62 - 7.57)                       |
| Region 1                                                  | 11.10               | (8.77 - 13.95)                        | 8.97                | (6.93 - 11.53)                        | 6.28              | (4.81 - 8.17)                       | 6.66              | (5.31 - 8.32)                       |
| Region 2                                                  | 11.14               | (8.76 - 14.07)                        | 8.83                | (6.79 - 11.40)                        | 6.56              | (5.00 - 8.55)                       | 6.89              | (5.48 - 8.64)                       |
| Region 3                                                  | 10.75               | (8.34 - 13.75)                        | 8.95                | (6.79 - 11.71)                        | 5.97              | (4.47 - 7.92)                       | 6.35              | (4.97 - 8.08)                       |
| Region 4                                                  | 9.79                | (7.59 - 12.52)                        | 8.52                | (6.47 - 11.15)                        | 5.79              | (4.40 - 7.58)                       | 6.17              | (4.88 - 7.76)                       |
| <b>South Dakota</b>                                       | 10.95               | (9.31 - 12.84)                        | 9.40                | (7.82 - 11.26)                        | 5.78              | (4.78 - 6.97)                       | 6.31              | (5.41 - 7.36)                       |
| Region 1                                                  | 12.02               | (9.48 - 15.11)                        | 9.40                | (7.10 - 12.35)                        | 5.98              | (4.53 - 7.86)                       | 6.47              | (5.12 - 8.13)                       |
| Region 2                                                  | 10.32               | (7.84 - 13.48)                        | 8.83                | (6.52 - 11.85)                        | 5.60              | (4.04 - 7.73)                       | 6.04              | (4.57 - 7.94)                       |
| Region 3                                                  | 10.63               | (8.32 - 13.49)                        | 9.00                | (6.81 - 11.81)                        | 5.31              | (3.95 - 7.10)                       | 5.92              | (4.66 - 7.50)                       |
| Region 4                                                  | 10.97               | (8.45 - 14.14)                        | 9.34                | (6.93 - 12.48)                        | 5.71              | (4.23 - 7.68)                       | 6.29              | (4.90 - 8.05)                       |
| Region 5                                                  | 10.48               | (8.22 - 13.28)                        | 10.02               | (7.71 - 12.93)                        | 6.06              | (4.64 - 7.89)                       | 6.60              | (5.27 - 8.24)                       |
| <b>Tennessee</b>                                          | 11.48               | (9.82 - 13.37)                        | 10.38               | (8.78 - 12.23)                        | 6.52              | (5.47 - 7.75)                       | 7.06              | (6.12 - 8.12)                       |
| Region 1                                                  | 11.54               | (8.76 - 15.05)                        | 12.21               | (9.22 - 16.01)                        | 6.20              | (4.56 - 8.38)                       | 6.95              | (5.38 - 8.93)                       |
| Region 2                                                  | 12.32               | (9.55 - 15.75)                        | 12.08               | (9.19 - 15.71)                        | 7.06              | (5.40 - 9.19)                       | 7.72              | (6.17 - 9.62)                       |
| Region 3                                                  | 11.72               | (9.08 - 15.02)                        | 11.62               | (8.84 - 15.13)                        | 6.49              | (4.85 - 8.65)                       | 7.18              | (5.64 - 9.10)                       |
| Region 4 (Davidson)                                       | 10.37               | (7.87 - 13.56)                        | 10.58               | (7.85 - 14.12)                        | 6.80              | (5.04 - 9.11)                       | 7.37              | (5.76 - 9.38)                       |
| Region 5                                                  | 12.04               | (9.56 - 15.07)                        | 9.84                | (7.50 - 12.81)                        | 6.76              | (5.13 - 8.86)                       | 7.19              | (5.70 - 9.04)                       |
| Region 6                                                  | 11.32               | (8.66 - 14.66)                        | 9.59                | (7.21 - 12.64)                        | 6.15              | (4.55 - 8.28)                       | 6.64              | (5.15 - 8.52)                       |
| Region 7 (Shelby)                                         | 10.00               | (7.67 - 12.94)                        | 7.75                | (5.78 - 10.32)                        | 5.59              | (4.15 - 7.48)                       | 5.93              | (4.63 - 7.57)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 11.73               | (10.56 - 13.01)                       | 8.12                | (7.19 - 9.15)                         | 5.06              | (4.46 - 5.73)                       | 5.53              | (4.99 - 6.12)                       |
| Region 1                                                    | 13.06               | (10.21 - 16.57)                       | 8.41                | (6.47 - 10.86)                        | 6.08              | (4.59 - 8.02)                       | 6.48              | (5.11 - 8.20)                       |
| Region 2                                                    | 13.42               | (10.50 - 17.01)                       | 8.26                | (6.16 - 10.98)                        | 6.00              | (4.48 - 8.01)                       | 6.36              | (4.95 - 8.13)                       |
| Region 3                                                    | 11.22               | (9.62 - 13.04)                        | 7.69                | (6.37 - 9.26)                         | 4.82              | (4.01 - 5.78)                       | 5.24              | (4.49 - 6.10)                       |
| Region 3a                                                   | 10.77               | (8.81 - 13.11)                        | 7.44                | (5.79 - 9.50)                         | 4.55              | (3.61 - 5.73)                       | 4.97              | (4.09 - 6.03)                       |
| Region 3bc                                                  | 12.01               | (9.85 - 14.57)                        | 8.13                | (6.44 - 10.22)                        | 5.29              | (4.17 - 6.68)                       | 5.70              | (4.67 - 6.94)                       |
| Region 4                                                    | 12.42               | (9.96 - 15.39)                        | 8.82                | (6.71 - 11.51)                        | 5.64              | (4.33 - 7.31)                       | 6.07              | (4.83 - 7.61)                       |
| Region 5                                                    | 11.13               | (8.67 - 14.19)                        | 7.91                | (5.95 - 10.46)                        | 5.00              | (3.77 - 6.59)                       | 5.43              | (4.27 - 6.88)                       |
| Region 6                                                    | 11.98               | (10.09 - 14.18)                       | 8.41                | (6.82 - 10.34)                        | 5.20              | (4.23 - 6.37)                       | 5.68              | (4.78 - 6.74)                       |
| Region 6a                                                   | 11.99               | (9.96 - 14.37)                        | 8.43                | (6.73 - 10.51)                        | 5.22              | (4.18 - 6.50)                       | 5.71              | (4.74 - 6.86)                       |
| Region 6bc                                                  | 11.93               | (9.28 - 15.21)                        | 8.25                | (6.19 - 10.93)                        | 5.03              | (3.73 - 6.74)                       | 5.47              | (4.25 - 7.02)                       |
| Region 7                                                    | 12.01               | (10.01 - 14.34)                       | 9.23                | (7.59 - 11.19)                        | 5.56              | (4.53 - 6.80)                       | 6.19              | (5.24 - 7.29)                       |
| Region 7a                                                   | 11.96               | (9.45 - 15.02)                        | 9.84                | (7.67 - 12.54)                        | 5.30              | (4.09 - 6.83)                       | 6.00              | (4.85 - 7.40)                       |
| Region 7bcd                                                 | 12.09               | (9.64 - 15.06)                        | 8.43                | (6.46 - 10.93)                        | 6.03              | (4.62 - 7.85)                       | 6.52              | (5.27 - 8.03)                       |
| Region 8                                                    | 11.69               | (9.41 - 14.44)                        | 7.73                | (6.02 - 9.89)                         | 4.58              | (3.58 - 5.84)                       | 5.07              | (4.12 - 6.21)                       |
| Region 9                                                    | 13.60               | (10.61 - 17.28)                       | 8.12                | (6.09 - 10.75)                        | 5.55              | (4.11 - 7.46)                       | 5.96              | (4.62 - 7.64)                       |
| Region 10                                                   | 12.03               | (9.40 - 15.27)                        | 7.28                | (5.51 - 9.58)                         | 4.42              | (3.27 - 5.96)                       | 4.92              | (3.85 - 6.28)                       |
| Region 11                                                   | 10.86               | (9.00 - 13.05)                        | 7.21                | (5.80 - 8.92)                         | 4.40              | (3.48 - 5.55)                       | 4.88              | (4.04 - 5.89)                       |
| Region 11abd                                                | 11.14               | (8.85 - 13.94)                        | 7.43                | (5.68 - 9.66)                         | 4.53              | (3.39 - 6.01)                       | 5.01              | (3.96 - 6.31)                       |
| Region 11c (Hidalgo)                                        | 10.44               | (8.09 - 13.37)                        | 6.85                | (5.07 - 9.20)                         | 4.17              | (3.10 - 5.60)                       | 4.66              | (3.64 - 5.94)                       |
| <b>Utah</b>                                                 | 13.66               | (11.82 - 15.73)                       | 10.19               | (8.52 - 12.13)                        | 6.93              | (5.91 - 8.11)                       | 7.53              | (6.62 - 8.56)                       |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | 12.78               | (9.82 - 16.46)                        | 10.03               | (7.44 - 13.40)                        | 7.24              | (5.39 - 9.66)                       | 7.77              | (6.10 - 9.86)                       |
| Central, Four Corners, San<br>Juan, and Southwest           | 14.17               | (11.54 - 17.28)                       | 8.90                | (6.87 - 11.44)                        | 6.68              | (5.25 - 8.48)                       | 7.07              | (5.77 - 8.65)                       |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | 6.34              | (4.63 - 8.64)                       | 6.75              | (5.18 - 8.77)                       |
| Southwest                                                   | 14.58               | (11.27 - 18.66)                       | 9.00                | (6.61 - 12.15)                        | 6.89              | (5.09 - 9.28)                       | 7.27              | (5.62 - 9.35)                       |
| Davis County                                                | 14.23               | (11.10 - 18.07)                       | 10.15               | (7.51 - 13.58)                        | 6.79              | (5.08 - 9.03)                       | 7.36              | (5.77 - 9.36)                       |
| Salt Lake County                                            | 14.30               | (11.68 - 17.38)                       | 10.05               | (7.83 - 12.81)                        | 6.84              | (5.48 - 8.49)                       | 7.36              | (6.11 - 8.84)                       |
| Utah County                                                 | 12.40               | (9.63 - 15.84)                        | 11.17               | (8.52 - 14.53)                        | 7.28              | (5.55 - 9.48)                       | 8.26              | (6.69 - 10.15)                      |
| Weber, Morgan                                               | 13.72               | (10.66 - 17.47)                       | 9.86                | (7.32 - 13.15)                        | 6.78              | (5.08 - 9.00)                       | 7.29              | (5.70 - 9.29)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 11.94               | (10.14 - 14.01)                       | 11.48               | (9.55 - 13.74)                        | 7.39              | (6.20 - 8.78)                       | 7.99              | (6.91 - 9.23)                       |
| Champlain Valley                      | 11.35               | (9.02 - 14.19)                        | 11.00               | (8.64 - 13.91)                        | 6.97              | (5.43 - 8.90)                       | 7.67              | (6.25 - 9.37)                       |
| Rural Northeast                       | 12.80               | (10.04 - 16.17)                       | 11.91               | (8.97 - 15.64)                        | 8.64              | (6.50 - 11.40)                      | 9.09              | (7.11 - 11.55)                      |
| Rural Southeast                       | 12.57               | (9.85 - 15.90)                        | 11.49               | (8.64 - 15.13)                        | 7.37              | (5.60 - 9.65)                       | 7.86              | (6.20 - 9.92)                       |
| Rural Southwest                       | 11.28               | (8.62 - 14.62)                        | 12.36               | (9.12 - 16.55)                        | 6.54              | (4.83 - 8.79)                       | 7.35              | (5.73 - 9.39)                       |
| <b>Virginia</b>                       | 12.41               | (10.82 - 14.20)                       | 11.13               | (9.62 - 12.85)                        | 7.22              | (6.22 - 8.35)                       | 7.77              | (6.88 - 8.76)                       |
| Region 1                              | 12.89               | (10.25 - 16.08)                       | 11.62               | (8.97 - 14.93)                        | 6.72              | (5.17 - 8.70)                       | 7.49              | (6.04 - 9.25)                       |
| Region 2                              | 12.24               | (9.98 - 14.94)                        | 12.04               | (9.50 - 15.14)                        | 7.16              | (5.67 - 9.00)                       | 7.73              | (6.35 - 9.38)                       |
| Region 3                              | 13.54               | (10.73 - 16.95)                       | 11.71               | (9.15 - 14.87)                        | 8.61              | (6.65 - 11.07)                      | 9.06              | (7.30 - 11.20)                      |
| Region 4                              | 11.44               | (9.05 - 14.35)                        | 11.23               | (8.86 - 14.12)                        | 6.74              | (5.16 - 8.75)                       | 7.38              | (5.92 - 9.17)                       |
| Region 5                              | 12.28               | (9.84 - 15.23)                        | 9.45                | (7.37 - 12.04)                        | 6.94              | (5.51 - 8.70)                       | 7.33              | (6.03 - 8.88)                       |
| <b>Washington</b>                     | 13.12               | (11.22 - 15.28)                       | 12.07               | (10.31 - 14.08)                       | 7.15              | (6.02 - 8.47)                       | 7.82              | (6.80 - 8.98)                       |
| Region 1                              | 12.58               | (10.25 - 15.33)                       | 10.62               | (8.38 - 13.37)                        | 6.90              | (5.42 - 8.75)                       | 7.49              | (6.13 - 9.13)                       |
| Greater Columbia and North<br>Central | 12.37               | (9.63 - 15.75)                        | 10.24               | (7.68 - 13.51)                        | 6.77              | (5.04 - 9.03)                       | 7.36              | (5.77 - 9.34)                       |
| Spokane                               | 12.93               | (9.92 - 16.68)                        | 11.29               | (8.38 - 15.03)                        | 7.08              | (5.21 - 9.55)                       | 7.68              | (5.92 - 9.89)                       |
| Region 2                              | 12.89               | (10.59 - 15.59)                       | 13.23               | (10.85 - 16.04)                       | 7.22              | (5.83 - 8.90)                       | 7.99              | (6.71 - 9.49)                       |
| King                                  | 12.39               | (9.73 - 15.66)                        | 14.13               | (11.17 - 17.72)                       | 7.13              | (5.52 - 9.16)                       | 8.00              | (6.48 - 9.83)                       |
| North Sound                           | 13.67               | (10.61 - 17.46)                       | 11.76               | (9.02 - 15.20)                        | 7.38              | (5.55 - 9.74)                       | 7.97              | (6.29 - 10.06)                      |
| Region 3                              | 13.81               | (11.54 - 16.43)                       | 11.62               | (9.62 - 13.95)                        | 7.21              | (5.88 - 8.82)                       | 7.80              | (6.58 - 9.23)                       |
| Pierce                                | 13.40               | (10.44 - 17.04)                       | 11.87               | (9.09 - 15.36)                        | 7.59              | (5.70 - 10.05)                      | 8.21              | (6.46 - 10.39)                      |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | 7.05              | (5.10 - 9.68)                       | 7.65              | (5.82 - 9.99)                       |
| SW WA and Great Rivers                | 14.20               | (11.03 - 18.09)                       | 10.97               | (8.23 - 14.47)                        | 6.99              | (5.16 - 9.40)                       | 7.50              | (5.79 - 9.66)                       |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 7.63              | (5.86 - 9.87)                       |

See notes at end of table.

(continued)



**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 13.65               | (11.78 - 15.76)                       | 11.05               | (9.24 - 13.16)                        | 7.90              | (6.61 - 9.42)                       | 8.31              | (7.15 - 9.64)                       |
| Region I                      | 13.83               | (10.66 - 17.75)                       | *                   | (* - *)                               | 7.81              | (5.69 - 10.62)                      | 8.23              | (6.27 - 10.72)                      |
| Region II                     | 13.06               | (10.32 - 16.41)                       | 9.97                | (7.40 - 13.31)                        | 7.22              | (5.41 - 9.57)                       | 7.57              | (5.90 - 9.66)                       |
| Region III                    | 14.73               | (11.45 - 18.76)                       | 12.86               | (9.63 - 16.97)                        | 8.17              | (6.01 - 11.03)                      | 8.69              | (6.66 - 11.28)                      |
| Region IV                     | 14.52               | (11.59 - 18.05)                       | 11.32               | (8.72 - 14.58)                        | 8.10              | (6.16 - 10.58)                      | 8.64              | (6.90 - 10.77)                      |
| Region V                      | 13.07               | (10.39 - 16.32)                       | 10.71               | (8.18 - 13.90)                        | 7.78              | (5.91 - 10.18)                      | 8.12              | (6.39 - 10.28)                      |
| Region VI                     | 13.49               | (10.63 - 16.99)                       | 11.04               | (8.47 - 14.28)                        | 8.29              | (6.32 - 10.80)                      | 8.60              | (6.77 - 10.87)                      |
| <b>Wisconsin</b>              | 13.51               | (11.67 - 15.59)                       | 11.32               | (9.61 - 13.28)                        | 5.89              | (4.86 - 7.13)                       | 6.66              | (5.72 - 7.74)                       |
| Milwaukee                     | 12.49               | (9.66 - 16.00)                        | 9.73                | (7.37 - 12.74)                        | 5.96              | (4.43 - 7.97)                       | 6.58              | (5.17 - 8.35)                       |
| Northeastern                  | 14.14               | (11.18 - 17.74)                       | 11.70               | (8.95 - 15.16)                        | 5.76              | (4.34 - 7.61)                       | 6.54              | (5.19 - 8.21)                       |
| Northern                      | 13.91               | (10.74 - 17.83)                       | 11.15               | (8.27 - 14.86)                        | 5.55              | (4.04 - 7.58)                       | 6.25              | (4.79 - 8.11)                       |
| Southeastern                  | 13.40               | (10.71 - 16.63)                       | 11.51               | (8.84 - 14.85)                        | 5.70              | (4.28 - 7.56)                       | 6.48              | (5.13 - 8.15)                       |
| Southern                      | 12.76               | (10.00 - 16.13)                       | 11.97               | (9.32 - 15.25)                        | 6.24              | (4.61 - 8.39)                       | 7.05              | (5.52 - 8.98)                       |
| Western                       | 14.85               | (11.66 - 18.73)                       | 11.80               | (8.97 - 15.38)                        | 6.04              | (4.46 - 8.13)                       | 6.92              | (5.42 - 8.79)                       |
| <b>Wyoming</b>                | 14.45               | (12.42 - 16.74)                       | 11.46               | (9.70 - 13.49)                        | 6.87              | (5.79 - 8.14)                       | 7.53              | (6.55 - 8.64)                       |
| Judicial District 1 (Laramie) | 15.21               | (11.91 - 19.21)                       | 11.33               | (8.56 - 14.85)                        | 7.26              | (5.50 - 9.54)                       | 7.80              | (6.15 - 9.85)                       |
| Judicial District 2           | 14.93               | (11.45 - 19.25)                       | 13.02               | (10.05 - 16.71)                       | 7.61              | (5.70 - 10.08)                      | 9.06              | (7.33 - 11.15)                      |
| Judicial District 3           | 14.81               | (11.62 - 18.70)                       | 11.15               | (8.34 - 14.75)                        | 7.44              | (5.60 - 9.82)                       | 7.94              | (6.23 - 10.08)                      |
| Judicial District 4           | 14.37               | (11.13 - 18.35)                       | *                   | (* - *)                               | 6.35              | (4.60 - 8.72)                       | 6.94              | (5.28 - 9.07)                       |
| Judicial District 5           | 13.83               | (10.60 - 17.84)                       | 11.08               | (8.21 - 14.78)                        | 5.62              | (4.15 - 7.58)                       | 6.29              | (4.87 - 8.08)                       |
| Judicial District 6           | 14.21               | (11.04 - 18.10)                       | 10.12               | (7.57 - 13.39)                        | 6.34              | (4.67 - 8.57)                       | 6.86              | (5.29 - 8.86)                       |
| Judicial District 7 (Natrona) | 14.12               | (11.07 - 17.83)                       | 10.89               | (8.20 - 14.32)                        | 7.11              | (5.33 - 9.42)                       | 7.61              | (5.95 - 9.69)                       |
| Judicial District 8           | 13.46               | (10.29 - 17.43)                       | 11.49               | (8.54 - 15.29)                        | 5.87              | (4.29 - 8.00)                       | 6.58              | (5.06 - 8.52)                       |
| Judicial District 9           | 14.30               | (11.06 - 18.30)                       | 11.52               | (8.64 - 15.19)                        | 7.23              | (5.36 - 9.69)                       | 7.75              | (5.97 - 9.99)                       |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: Major depressive episode (MDE) is defined as in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV), which specifies a period of at least 2 weeks when an individual experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms. For details, see Section B of the "2015-2016 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.



# Suppression Criterion for Substate Region by Age Group Tables from the 2014-2016 National Surveys on Drug Use and Health

The suppression criterion used for the 1999-2001, 2002-2004, 2004-2006, 2006-2008, 2008-2010, 2010-2012, and 2012-2014 substate by age group small area estimates also has been used for the 2014-2016 substate by age group estimates. Suppressed estimates are noted by an asterisk (\*). The suppression criterion is based on a combination of the relative standard error (RSE) of  $[-\ln(p)]$  or  $[-\ln(1-p)]$  and the effective sample size (EFN), where  $p$  denotes the substate by age group level unbenchmarked small area estimate and  $\ln(p)$  denotes the natural logarithm of  $p$ . For  $p \leq 50$  percent, an RSE of  $[-\ln(p)]$  is used, and for  $p > 50$  percent, an RSE of  $[-\ln(1-p)]$  is used. The separate formulas for  $p \leq 50$  percent and  $p > 50$  percent produce a symmetric suppression rule; that is, if  $p$  is suppressed, then so will  $(1-p)$ . By using the first-order Taylor series approximation method, an estimate of an RSE of  $[-\ln(p)]$  and an RSE of  $[-\ln(1-p)]$  is given by

$$\begin{aligned} \text{RSE of } [-\ln(p)] &= \frac{\sqrt{\text{var}(p)}}{p[-\ln(p)]} \text{ and} \\ \text{RSE of } [-\ln(1-p)] &= \frac{\sqrt{\text{var}(1-p)}}{(1-p)[- \ln(1-p)]}, \end{aligned}$$

where  $\text{var}(p)$  denotes the posterior variance of  $p$ . The EFN is defined as  $\text{EFN} = \frac{n}{\text{design effect}}$ ,

where  $n$  denotes the raw sample size and design effect is defined as

$$\text{design effect} = \frac{\text{var}(p)}{[p(1-p)/n]}; \text{ hence, } \text{EFN} = \frac{p(1-p)}{\text{var}(p)}.$$

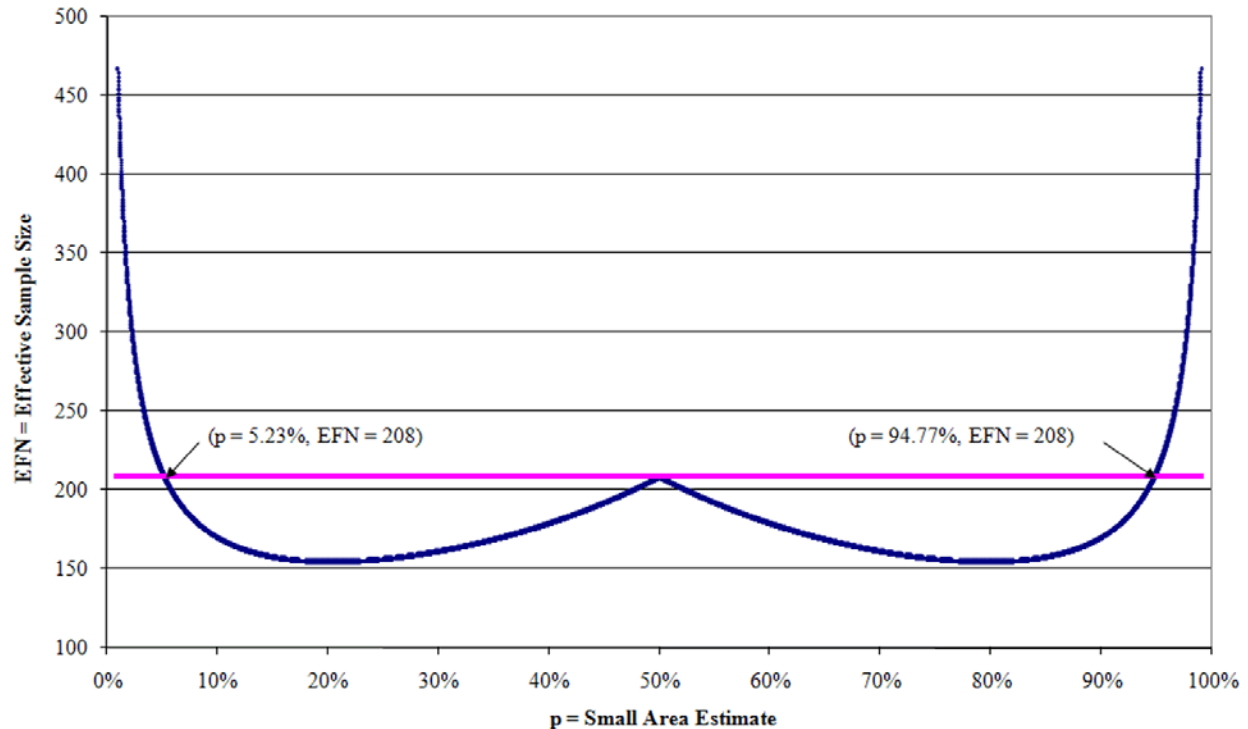
A lower bound of 0.2 also was imposed on the design effects (i.e., all design effects that were less than 0.2 were changed to 0.2) to avoid publishing substate by age group estimates with very small sample sizes.

The following criterion was used in [Tables 1 to 14](#):

When  $p < 5.23$  percent, then suppress if an RSE of  $[-\ln(p)] > 10$  percent;  
 when  $5.23 \text{ percent} \leq p \leq 94.77 \text{ percent}$ , then suppress if the  $\text{EFN} \leq 208$ ; and  
 when  $p > 94.77 \text{ percent}$ , then suppress if an RSE of  $[-\ln(1-p)] > 10$  percent.

A graph is shown in Figure 1 in order to describe the relationship between  $p$  and the EFN for an RSE of  $[-\ln(p)] = 10$  percent when  $p \leq 50$  percent and for an RSE of  $[-\ln(1-p)] = 10$  percent when  $p > 50$  percent. The suppression criterion switches to EFN between 5.23 and 94.77 percent so that the EFN is not allowed to fall below the EFN of 208 required at  $p = 50$  percent.

**Figure 1. Small Area Estimate versus Effective Sample Size When the Relative Standard Error Equals 10 Percent**



| Treatment providers combined Average |                                               |
|--------------------------------------|-----------------------------------------------|
| County                               | SumOfAverage<br>Census Feb 2020 - Jan<br>2021 |
| Alachua                              | 322                                           |
| Bay                                  | 601                                           |
| Brevard                              | 671                                           |
| Broward                              | 888                                           |
| Charlotte                            |                                               |
| Clay                                 |                                               |
| Collier                              | 298                                           |
| Columbia                             | 120                                           |
| Duval                                | 2902                                          |
| Escambia                             | 1215                                          |
| Hernando                             | 636                                           |
| Hillsborough                         | 1377                                          |
| Lee                                  | 1383                                          |
| Leon                                 | 336                                           |
| Levy                                 |                                               |
| Manatee                              | 598                                           |
| Marion                               | 972                                           |
| Miami-Dade                           | 229                                           |
| Okaloosa                             | 283                                           |
| Orange                               | 1940                                          |
| Osceola                              | 523                                           |
| Palm Beach                           | 1015                                          |
| Pasco                                | 664                                           |
| Pinellas                             | 2480                                          |
| Polk                                 | 306                                           |
| Sarasota                             | 839                                           |
| St. Johns                            | 471                                           |
| St. Lucie                            | 291                                           |
| Volusia                              | 910                                           |

| Clininc Capacity Query |                               |
|------------------------|-------------------------------|
| County                 | SumOfIndividuals Serve In Day |
| Alachua                | 200                           |
| Bay                    | 2000                          |
| Brevard                | 1400                          |
| Broward                | 1400                          |
| Charlotte              | 800                           |
| Clay                   | 350                           |
| Collier                | 400                           |
| Columbia               | 600                           |
| Dade                   | 300                           |
| Duval                  | 3750                          |
| Escambia               | 1900                          |
| Hernando               | 850                           |
| Hillsborough           | 1500                          |
| Lee                    | 2550                          |
| Leon                   | 354                           |
| Levy                   | 200                           |
| Manatee                | 1000                          |
| Marion                 | 850                           |
| Okaloosa               | 750                           |
| Orange                 | 1949                          |
| Osceola                | 450                           |
| Palm Beach             | 1200                          |
| Pasco                  | 825                           |
| Pinellas               | 4475                          |
| Polk                   | 650                           |
| Sarasota               | 1250                          |
| St. Johns              | 450                           |
| St. Lucie              | 300                           |
| Volusia                | 1050                          |

| Region | OTP Number | County    | Program Name                                               | Treat Pregnant Women? | Phone                   | Accepted forms of payment                                                                     |
|--------|------------|-----------|------------------------------------------------------------|-----------------------|-------------------------|-----------------------------------------------------------------------------------------------|
|        | FL10127M   | Alachua   | Meridian Behavioral Healthcare, Inc. - Gainesville         | Yes                   | (352) 374-5600<br>x8976 | Medicaid, Medicare, Self Pay, Grants                                                          |
|        | FL10135M   | Bay       | Bay County Healthcare Treatment Center of Panama City      | Yes                   | (850) 769-5695          | Private Pay, Medicaid provider                                                                |
|        | FL10084M   | Brevard   | Central Florida Treatment Center /Cocoa                    | Yes                   | (321) 631-4578          | Medicaid/HMOs, Medicare, private pay                                                          |
|        | FL10124M   | Brevard   | Central Florida Treatment Center/ Palm Bay                 | Yes                   | (321) 951-9750          | Medicaid, Medicare, Private Pay , VA, FL Cares, Grant fuding for indigent patients in Brevard |
|        | FL10051M   | Broward   | Broward Treatment Center                                   | Yes                   | (954) 922-0522          | Private Pay, Commerical Insurance, Medicaid, Medicare                                         |
|        |            | Broward   | Central Florida Treatment Center/Sunrise (Medication Unit) |                       | (954) 533-1670          |                                                                                               |
|        | FL10073M   | Broward   | Metro Treatment of Florida, LP Pompano                     | Yes                   | (954) 782-9774          | Self pay and Commercial Insurance                                                             |
|        | FL10125M   | Broward   | Sunrise Treatment Center Sunrise                           | Yes                   | (954) 578-7684          | Private Pay, Medicaid, Medicare, Commerical Insurance                                         |
|        | FL10115M   | Charlotte | Operation PAR Port Charlotte MAPS Clinic (Medication Unit) |                       | (941) 613-0951          |                                                                                               |
|        | (FL10066M) | Clay      | River Region Human Services, Inc. JAX (Medication Unit)    |                       | (904)899-6300           |                                                                                               |
|        | FL10146M   | Collier   | Naples Metro Treatment Center                              | Yes                   | (239) 280-0487          | Private Pay, Medicaid, Medicare, Commerical Insurance                                         |
|        | FL10134M   | Columbia  | Meridian Behavioral Healthcare Lake City                   | Yes                   | (352) 374-5600          | Medicaid, Medicare, Self Pay, Grants                                                          |
|        | FL10151M   | Duval     | Duval County Treatment Center                              | Yes                   | (904) 800-2231          | Medicaid, Medicare, Grant funding, Private Pay                                                |
|        | FL10093M   | Duval     | Jacksonville Metro Treatment Center                        | Yes                   | (904) 398-7015          | Third party insurance, Medicaid, Medicare, private pay, LSF Funding                           |

|  |           |              |                                                                |     |                |                                                                                                                                          |
|--|-----------|--------------|----------------------------------------------------------------|-----|----------------|------------------------------------------------------------------------------------------------------------------------------------------|
|  | FL 10153M | Duval        | North Florida Comprehensive Treatment Center                   | Yes | (904) 438-7640 | Private Pay, Medicaid<br>Medicaid, Some Private<br>Insurances                                                                            |
|  | FL10150M  | Duval        | Parkside Clinic, LLC                                           | Yes | (904) 737-5000 | Private Pay                                                                                                                              |
|  | FL10066M  | Duval        | River Region Human Services, Inc. JAX                          | Yes | (904) 899-6300 | Medicaid, Contracts, Private<br>Pay                                                                                                      |
|  | FL10140M  | Escambia     | Lakeview Center Inc. Century Clinic                            | Yes | (850) 256-6165 | Medicaid, Medicare, Insurance<br>Plans, Self Pay, State and<br>Federal Funding                                                           |
|  | FL10059M  | Escambia     | Lakeview Center, Inc. Pensacola                                | Yes | (850) 466-3400 | Medicaid, Medicare, Insurance<br>Plans, Self Pay, State and<br>Federal Funding                                                           |
|  | FL10110M  | Escambia     | Metro Treatment of Florida, LP Pensacola                       | Yes | (850) 968-3565 | Medicaid, Medicare,<br>Commercial Insurance                                                                                              |
|  | FL10141M  | Hernando     | Operation PAR ( MAPS) Hernando                                 | Yes | (352) 666-5709 | Medicaid, Medicare, Private<br>Pay, Private Insurance                                                                                    |
|  | FL10067M  | Hillsborough | DACCO Behavioral Health, Inc.                                  | Yes | (813) 384-4010 | Medicaid, Medicaid Managed<br>Care, Commercial Insurance,<br>State and Federal Funding                                                   |
|  | FL10092M  | Hillsborough | Tampa Metro Treatment Center                                   | Yes | (813) 236-1182 | Private Pay                                                                                                                              |
|  | FL10115M  | Lee          | Operation PAR Medication Assisted<br>Patient Services FT Myers | Yes | (239) 656-7700 | Grant Funding, Medicaid,<br>Medicaid Managed Care Plans,<br>Medicare, Private Pay, Sliding<br>Fee Scale, Third Party Health<br>Insurance |
|  | FL10115M  | Lee          | Operation PAR - S. Ft. Myers MAPS Clinic<br>(Medication Unit)  |     | (239) 433-6520 |                                                                                                                                          |
|  | FL10155M  | Lee          | Metro Treatment of Florida, L.P.                               | Yes | (239) 491-8092 | Private Pay                                                                                                                              |
|  | FL10109M  | Leon         | Leon Metro Treatment of Florida, LP                            | Yes | (850) 878-7776 | Medicaid, Medicare,<br>Commercial Insurance, VA<br>insurance, Private Pay                                                                |



|  |            |            |                                                                      |            |                            |                                                                                                                                          |
|--|------------|------------|----------------------------------------------------------------------|------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
|  | (FL10127M) | Levy       | Meridian Behavioral Healthcare, Inc.<br><b>(Medication Unit)</b>     |            | (352) 374-5600 Ext<br>8725 |                                                                                                                                          |
|  | FL10090M   | Manatee    | Operation PAR Medication Assisted<br>Patient Services Bradenton      | <b>Yes</b> | (941) 753-0877             | Grant Funding, Medicaid,<br>Medicaid Managed Care Plans,<br>Medicare, Private Pay, Sliding<br>Fee Scale, Third Party Health<br>Insurance |
|  | FL10096M   | Marion     | Quad County Treatment Center Ocala                                   | <b>Yes</b> | (352) 732-6565             | Private Pay, Medicaid,<br>Medicare, Grant funding,<br>Commercial Insurance                                                               |
|  | FL10077M   | Miami-Dade | Comprehensive Psychiatric Center (North)                             | <b>Yes</b> | (305) 651-2332             | Private Pay, sliding fee, will<br>cover cost for pregnant woman<br>until delivery                                                        |
|  | FL10074M   | Miami-Dade | Comprehensive Psychiatric Center (South)                             | <b>Yes</b> | (305) 238-5121             | Private Pay, sliding fee, will<br>cover cost for pregnant woman<br>until delivery                                                        |
|  | FL10119M   | Okaloosa   | Lakeview Center Inc. Shalimar                                        | <b>Yes</b> | (850) 609-1040             | Medicaid, Medicare, Insurance<br>Plans, Self Pay, State and<br>Federal Funding                                                           |
|  | FL10080M   | Orange     | Central Florida Treatment Center/<br>Orlando                         | <b>Yes</b> | (407) 843-0041             | Private Pay, Commercial<br>Insurance                                                                                                     |
|  | FL10085M   | Orange     | Orlando Methadone Treatment Center                                   | <b>Yes</b> | (407) 275-8939             | Private Pay, Medicare,<br>Medicaid, Commercial<br>Insurance                                                                              |
|  | FL10062M   | Orange     | The Center for Drug Free Living /Orlando<br>(Aspire Health Partners) | <b>Yes</b> | (407) 245-0017             | Grant, Commercial Insurance,<br>Private Pay                                                                                              |
|  | FL10112M   | Osceola    | Mid Florida Metro Treatment Center<br>Kissimmee                      | <b>Yes</b> | (407) 933-8331             | Medicaid, Medicare,<br>Marketplace, Commercial<br>Insurance, Private Pay                                                                 |
|  | FL10148M   | Palm Beach | Access Recovery Solutions, LLC                                       | <b>Yes</b> | (561) 865-2550             | Private Pay, SBFBN Grant,<br>Medicare, Medicaid (approval<br>pending)                                                                    |
|  | FL10130M   | Palm Beach | Central Florida Treatment Center/ Lake<br>Worth                      | <b>Yes</b> | (561) 439-8440             | Medicaid, Medicare, Private<br>Pay                                                                                                       |
|  | FL10072M   | Palm Beach | Metro Treatment of Florida, LP West Palm                             | <b>Yes</b> | (561) 433-5687             | Private Pay                                                                                                                              |

|  |          |           |                                                                |     |                |                                                                                                                              |
|--|----------|-----------|----------------------------------------------------------------|-----|----------------|------------------------------------------------------------------------------------------------------------------------------|
|  | FL10108M | Pasco     | Operation PAR Medication Assisted Patient Services Port Richey | Yes | (727) 816-1200 | Grant Funding, Medicaid, Medicaid Managed Care Plans, Medicare, Private Pay, Sliding Fee Scale, Third Party Health Insurance |
|  | FL10098M | Pinellas  | Bay Area Treatment Center Pinellas Park                        | Yes | (727) 544-0044 | Private Pay, Medicaid, Medicare, Commerical Insurance                                                                        |
|  | FL10061M | Pinellas  | Operation PAR Medication Assisted Patient Services Clearwater  | Yes | (727) 507-4673 | Grant Funding, Medicaid, Medicaid Managed Care Plans, Medicare, Private Pay, Sliding Fee Scale, Third Party Health Insurance |
|  | FL10061M | Pinellas  | Operation PAR -St Petersburg Clinic <b>(Medication Unit)</b>   |     | (727) 550-4239 |                                                                                                                              |
|  | FL10061M | Pinellas  | Operation PAR - Largo <b>(MedicationUnit)</b>                  |     | (888) 727-6398 |                                                                                                                              |
|  | FL10098M | Pinellas  | St Petersburg Metro Treatment Center <b>(Medication Unit)</b>  |     | (727) 547-5200 |                                                                                                                              |
|  | FL10156M | Pinellas  | Lakeside Clinic, LLC                                           | Yes | (727) 223-3545 | Private Pay, Third Party Billing                                                                                             |
|  | FL10158M | Polk      | DACCO Behavioral Health, Inc.                                  | Yes | (863) 608-7778 | Medicaid (managed), Insurance, Medicaid, Self Pay, State and Federal Grants                                                  |
|  | FL10087M | Polk      | Lakeland Centres Florida                                       | Yes | (863) 687-9900 | Private Pay                                                                                                                  |
|  | FL10137M | Sarasota  | Operation PAR Medication Assisted Patient Services Sarasota    | Yes | (941) 925-6672 | Grant Funding, Medicaid, Medicaid Managed Care Plans, Medicare, Private Pay, Sliding Fee Scale, Third Party Health Insurance |
|  | FL10138M | Sarasota  | Sarasota Metro Treatment Center                                | Yes | (941) 554-4551 | Commerical Insurance, Medicaid, Medicare, Self Pay                                                                           |
|  | FL10139M | St. Johns | St Augustine Metro Treatment Center                            | Yes | (904) 217-7161 | Private Pay                                                                                                                  |

|           |                |           |                                                              |            |                |                                                                |
|-----------|----------------|-----------|--------------------------------------------------------------|------------|----------------|----------------------------------------------------------------|
|           | FL10132M       | St. Lucie | Central Florida Treatment Center /Ft<br>Pierce               | <b>Yes</b> | (772) 468-6800 | Private Pay, Medicaid,<br>Medicare, VA                         |
|           | FL10088M       | Volusia   | Metro Treatment of Florida, LP Daytona                       | <b>Yes</b> | (386) 254-1931 | Insurance, Medicare,<br>Marketplace,private pay, fixed<br>rate |
| <b>NW</b> | <b>6 OTPs</b>  |           |                                                              |            |                |                                                                |
| <b>NE</b> | <b>10 OTPs</b> |           |                                                              |            |                |                                                                |
| <b>C</b>  | <b>10 OTPs</b> |           |                                                              |            |                |                                                                |
| <b>SE</b> | <b>7 OTPs</b>  |           |                                                              |            |                |                                                                |
| <b>S</b>  | <b>3 OTPs</b>  |           |                                                              |            |                |                                                                |
| <b>SC</b> | <b>15 OTPs</b> |           |                                                              |            |                |                                                                |
|           |                |           |                                                              |            |                |                                                                |
|           |                |           | <b>*Medication Unit - Dosing and Urine<br/>analysis only</b> |            |                |                                                                |
|           |                |           | <b>**As reported in PLADS 2/2021</b>                         |            |                |                                                                |

**Populati  
on by  
County  
by Age  
Year=20  
21  
(provisio  
nal)**

|                     | Population |         |         |         |         |         |         |         |        |                  |
|---------------------|------------|---------|---------|---------|---------|---------|---------|---------|--------|------------------|
|                     | 18-19      | 20-24   | 25-34   | 35-44   | 45-54   | 55-64   | 65-74   | 75-84   | 85+    | Total            |
| <b>Alachua</b>      | 14,071     | 41,535  | 42,321  | 30,538  | 26,242  | 29,147  | 23,974  | 11,231  | 4,605  | <b>223,664</b>   |
| <b>Baker</b>        | 706        | 1,719   | 4,323   | 3,817   | 3,825   | 3,594   | 2,426   | 1,239   | 402    | <b>22,051</b>    |
| <b>Bay</b>          | 3,644      | 9,725   | 23,902  | 21,791  | 22,653  | 26,541  | 19,351  | 9,818   | 3,957  | <b>141,382</b>   |
| <b>Bradford</b>     | 560        | 1,781   | 4,544   | 3,867   | 3,637   | 3,751   | 2,897   | 1,674   | 620    | <b>23,331</b>    |
| <b>Brevard</b>      | 11,944     | 31,017  | 69,964  | 64,192  | 74,610  | 100,439 | 79,990  | 48,724  | 19,277 | <b>500,157</b>   |
| <b>Broward</b>      | 40,830     | 109,989 | 264,124 | 262,913 | 270,448 | 266,772 | 187,778 | 102,180 | 46,838 | <b>1,551,872</b> |
| <b>Calhoun</b>      | 273        | 805     | 2,049   | 1,958   | 2,047   | 2,035   | 1,600   | 920     | 321    | <b>12,008</b>    |
| <b>Charlotte</b>    | 2,294      | 6,698   | 14,614  | 13,864  | 19,090  | 32,379  | 40,438  | 26,204  | 10,081 | <b>165,662</b>   |
| <b>Citrus</b>       | 2,041      | 5,599   | 13,127  | 11,819  | 16,141  | 24,660  | 29,780  | 19,372  | 6,397  | <b>128,936</b>   |
| <b>Clay</b>         | 5,219      | 12,274  | 28,009  | 28,968  | 29,937  | 31,219  | 22,956  | 10,408  | 3,171  | <b>172,161</b>   |
| <b>Collier</b>      | 7,269      | 18,140  | 37,317  | 37,899  | 44,256  | 53,340  | 62,231  | 48,636  | 18,766 | <b>327,854</b>   |
| <b>Columbia</b>     | 1,599      | 4,542   | 9,361   | 8,432   | 8,418   | 9,809   | 7,942   | 4,283   | 1,509  | <b>55,895</b>    |
| <b>Miami-Dade</b>   | 65,505     | 174,582 | 411,435 | 396,661 | 421,674 | 370,216 | 259,305 | 158,455 | 68,423 | <b>2,326,256</b> |
| <b>Desoto</b>       | 810        | 2,330   | 5,202   | 4,530   | 4,217   | 4,383   | 4,177   | 2,990   | 1,078  | <b>29,717</b>    |
| <b>Dixie</b>        | 292        | 824     | 1,952   | 2,018   | 2,053   | 2,576   | 2,258   | 1,300   | 405    | <b>13,678</b>    |
| <b>Duval</b>        | 20,217     | 64,127  | 166,233 | 128,274 | 122,109 | 128,088 | 88,784  | 40,525  | 15,698 | <b>774,055</b>   |
| <b>Escambia</b>     | 8,701      | 25,647  | 48,544  | 36,493  | 36,612  | 44,399  | 33,067  | 16,773  | 6,234  | <b>256,470</b>   |
| <b>Flagler</b>      | 3,018      | 4,997   | 10,469  | 11,183  | 13,749  | 18,347  | 21,025  | 11,457  | 3,911  | <b>98,156</b>    |
| <b>Franklin</b>     | 159        | 651     | 1,837   | 1,421   | 1,512   | 1,849   | 1,838   | 921     | 207    | <b>10,395</b>    |
| <b>Gadsden</b>      | 1,125      | 2,736   | 5,596   | 5,779   | 6,021   | 6,592   | 5,207   | 2,522   | 967    | <b>36,545</b>    |
| <b>Gilchrist</b>    | 517        | 1,517   | 1,879   | 1,899   | 2,207   | 2,685   | 2,062   | 1,228   | 474    | <b>14,468</b>    |
| <b>Glades</b>       | 270        | 633     | 1,684   | 1,689   | 1,664   | 1,794   | 1,814   | 1,481   | 370    | <b>11,399</b>    |
| <b>Gulf</b>         | 229        | 683     | 1,555   | 1,429   | 1,868   | 2,400   | 2,346   | 1,198   | 383    | <b>12,091</b>    |
| <b>Hamilton</b>     | 295        | 1,308   | 2,048   | 1,661   | 1,871   | 1,942   | 1,639   | 757     | 309    | <b>11,830</b>    |
| <b>Hardee</b>       | 693        | 1,953   | 3,696   | 3,063   | 3,316   | 2,930   | 2,617   | 1,589   | 603    | <b>20,460</b>    |
| <b>Hendry</b>       | 1,176      | 2,629   | 5,775   | 5,153   | 5,133   | 4,609   | 3,128   | 1,795   | 708    | <b>30,106</b>    |
| <b>Hernando</b>     | 3,957      | 9,256   | 20,767  | 20,137  | 23,588  | 28,515  | 28,692  | 18,572  | 6,414  | <b>159,898</b>   |
| <b>Highlands</b>    | 1,671      | 4,603   | 10,057  | 9,163   | 10,041  | 13,893  | 17,680  | 14,576  | 5,633  | <b>87,317</b>    |
| <b>Hillsborough</b> | 33,973     | 95,292  | 230,977 | 208,591 | 199,278 | 183,921 | 131,000 | 63,904  | 24,448 | <b>1,171,384</b> |
| <b>Holmes</b>       | 428        | 1,265   | 2,597   | 2,375   | 2,672   | 2,797   | 2,223   | 1,372   | 441    | <b>16,170</b>    |
| <b>Indian River</b> | 2,836      | 6,879   | 14,836  | 14,108  | 17,412  | 25,043  | 28,442  | 18,268  | 7,690  | <b>135,514</b>   |
| <b>Jackson</b>      | 970        | 2,778   | 6,170   | 6,283   | 5,945   | 6,368   | 5,347   | 3,201   | 1,193  | <b>38,255</b>    |
| <b>Jefferson</b>    | 261        | 646     | 1,721   | 1,690   | 2,075   | 2,366   | 2,165   | 1,104   | 396    | <b>12,424</b>    |
| <b>Lafayette</b>    | 254        | 666     | 1,209   | 1,226   | 1,151   | 1,045   | 868     | 487     | 163    | <b>7,069</b>     |
| <b>Lake</b>         | 9,066      | 17,779  | 41,882  | 41,099  | 44,578  | 51,766  | 55,029  | 35,194  | 12,019 | <b>308,412</b>   |
| <b>Lee</b>          | 14,286     | 37,360  | 84,442  | 79,805  | 88,041  | 109,293 | 120,924 | 77,109  | 27,437 | <b>638,697</b>   |
| <b>Leon</b>         | 9,845      | 47,179  | 43,658  | 33,872  | 30,532  | 32,445  | 26,213  | 11,476  | 4,475  | <b>239,695</b>   |
| <b>Levy</b>         | 1,337      | 1,887   | 4,729   | 4,151   | 5,000   | 6,654   | 6,220   | 3,359   | 945    | <b>34,282</b>    |
| <b>Liberty</b>      | 162        | 555     | 1,519   | 1,382   | 1,271   | 1,083   | 776     | 441     | 109    | <b>7,298</b>     |
| <b>Madison</b>      | 352        | 1,083   | 2,685   | 2,319   | 2,494   | 2,727   | 2,427   | 1,222   | 422    | <b>15,731</b>    |
| <b>Manatee</b>      | 7,325      | 19,102  | 42,660  | 41,691  | 47,992  | 60,162  | 61,339  | 37,173  | 15,269 | <b>332,713</b>   |
| <b>Marion</b>       | 7,060      | 17,798  | 40,890  | 37,003  | 41,183  | 51,325  | 58,072  | 38,450  | 12,161 | <b>303,942</b>   |
| <b>Martin</b>       | 2,785      | 6,989   | 15,284  | 15,072  | 19,197  | 25,853  | 24,995  | 18,037  | 8,298  | <b>136,510</b>   |

|                    |                |                  |                  |                  |                  |                  |                  |                  |                |                   |
|--------------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------|-------------------|
| <b>Monroe</b>      | 1,121          | 3,533            | 9,386            | 9,152            | 10,700           | 12,696           | 10,937           | 5,376            | 1,816          | <b>64,717</b>     |
| <b>Nassau</b>      | 1,563          | 4,170            | 10,148           | 10,048           | 11,413           | 13,792           | 12,661           | 5,829            | 1,857          | <b>71,481</b>     |
| <b>Okaloosa</b>    | 4,278          | 13,880           | 32,982           | 25,709           | 22,369           | 27,730           | 19,881           | 10,200           | 3,587          | <b>160,616</b>    |
| <b>Okeechobee</b>  | 934            | 2,274            | 5,658            | 5,215            | 5,339            | 5,480            | 4,560            | 2,970            | 1,008          | <b>33,438</b>     |
| <b>Orange</b>      | 40,019         | 108,168          | 244,675          | 210,186          | 188,774          | 165,214          | 108,572          | 50,809           | 20,056         | <b>1,136,473</b>  |
| <b>Osceola</b>     | 10,465         | 26,590           | 57,648           | 58,819           | 52,927           | 43,878           | 32,510           | 16,537           | 5,219          | <b>304,593</b>    |
| <b>Palm Beach</b>  | 30,784         | 78,412           | 176,740          | 170,888          | 185,885          | 198,510          | 175,359          | 122,867          | 63,740         | <b>1,203,185</b>  |
| <b>Pasco</b>       | 11,529         | 27,290           | 61,894           | 67,124           | 71,674           | 74,639           | 67,829           | 41,624           | 14,998         | <b>438,601</b>    |
| <b>Pinellas</b>    | 16,793         | 47,497           | 120,633          | 109,424          | 127,296          | 160,718          | 135,125          | 79,281           | 37,616         | <b>834,383</b>    |
| <b>Polk</b>        | 17,791         | 42,629           | 94,950           | 86,521           | 84,880           | 87,939           | 81,949           | 48,542           | 16,631         | <b>561,832</b>    |
| <b>Putnam</b>      | 1,532          | 3,733            | 8,310            | 7,297            | 8,336            | 11,358           | 10,115           | 5,472            | 1,821          | <b>57,974</b>     |
| <b>Saint Johns</b> | 6,552          | 12,690           | 26,310           | 36,162           | 38,009           | 39,316           | 34,379           | 16,464           | 5,991          | <b>215,873</b>    |
| <b>Saint Lucie</b> | 6,563          | 16,501           | 36,859           | 35,396           | 38,971           | 45,575           | 43,298           | 26,211           | 9,907          | <b>259,281</b>    |
| <b>Santa Rosa</b>  | 3,704          | 10,338           | 25,914           | 24,519           | 24,718           | 26,312           | 18,707           | 9,210            | 2,642          | <b>146,064</b>    |
| <b>Sarasota</b>    | 7,047          | 17,530           | 37,130           | 36,906           | 47,195           | 68,551           | 82,432           | 57,170           | 25,121         | <b>379,082</b>    |
| <b>Seminole</b>    | 10,625         | 29,361           | 71,196           | 68,031           | 65,563           | 63,105           | 45,677           | 22,243           | 9,873          | <b>385,674</b>    |
| <b>Sumter</b>      | 917            | 3,031            | 8,057            | 8,148            | 8,949            | 18,599           | 44,411           | 29,319           | 6,154          | <b>127,585</b>    |
| <b>Suwannee</b>    | 1,030          | 2,523            | 5,765            | 5,061            | 5,576            | 6,724            | 5,616            | 3,279            | 1,213          | <b>36,787</b>     |
| <b>Taylor</b>      | 418            | 1,251            | 3,304            | 2,695            | 2,839            | 3,002            | 2,771            | 1,521            | 484            | <b>18,285</b>     |
| <b>Union</b>       | 324            | 992              | 2,372            | 2,054            | 2,110            | 2,234            | 1,411            | 746              | 200            | <b>12,443</b>     |
| <b>Volusia</b>     | 12,494         | 30,908           | 65,302           | 57,928           | 66,238           | 84,753           | 77,349           | 43,271           | 16,953         | <b>455,196</b>    |
| <b>Wakulla</b>     | 696            | 1,683            | 4,723            | 4,694            | 4,945            | 4,734            | 3,478            | 1,492            | 407            | <b>26,852</b>     |
| <b>Walton</b>      | 1,328          | 3,258            | 8,886            | 9,274            | 9,624            | 11,928           | 9,402            | 4,278            | 1,369          | <b>59,347</b>     |
| <b>Washington</b>  | 480            | 1,642            | 3,629            | 3,192            | 3,484            | 3,503            | 2,593            | 1,429            | 347            | <b>20,299</b>     |
| <b>Total</b>       | <b>479,012</b> | <b>1,289,442</b> | <b>2,870,114</b> | <b>2,665,721</b> | <b>2,775,574</b> | <b>2,962,042</b> | <b>2,514,064</b> | <b>1,477,765</b> | <b>592,237</b> | <b>17,625,971</b> |

**2016-2017**  
**National Survey on Drug Use and Health:**  
**Model-Based Prevalence Estimates**  
**(50 States and the District of Columbia)**

**Table 1 *Illicit Drug Use in the Past Month*, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 10.90             | (10.64 - 11.17)                     | 7.88                | (7.51 - 8.25)                         | 23.69               | (23.06 - 24.33)                       | 9.18              | (8.89 - 9.48)                       | 11.21             | (10.93 - 11.50)                     |
| Northeast            | 11.55             | (11.03 - 12.09)                     | 8.06                | (7.37 - 8.80)                         | 27.12               | (25.77 - 28.51)                       | 9.45              | (8.82 - 10.11)                      | 11.87             | (11.32 - 12.45)                     |
| Midwest              | 10.32             | (9.90 - 10.75)                      | 7.82                | (7.30 - 8.38)                         | 23.06               | (21.95 - 24.20)                       | 8.50              | (7.99 - 9.04)                       | 10.57             | (10.12 - 11.04)                     |
| South                | 9.15              | (8.80 - 9.52)                       | 7.29                | (6.83 - 7.79)                         | 20.75               | (19.85 - 21.68)                       | 7.51              | (7.06 - 7.98)                       | 9.34              | (8.96 - 9.74)                       |
| West                 | 13.73             | (13.16 - 14.31)                     | 8.73                | (8.05 - 9.46)                         | 26.29               | (24.93 - 27.70)                       | 12.24             | (11.55 - 12.96)                     | 14.24             | (13.62 - 14.88)                     |
| Alabama              | 8.67              | (7.37 - 10.18)                      | 7.21                | (5.79 - 8.95)                         | 19.11               | (15.99 - 22.68)                       | 7.15              | (5.74 - 8.87)                       | 8.82              | (7.44 - 10.43)                      |
| Alaska               | 16.81             | (14.84 - 18.99)                     | 10.61               | (8.65 - 12.96)                        | 27.92               | (24.17 - 32.01)                       | 15.75             | (13.42 - 18.41)                     | 17.50             | (15.37 - 19.87)                     |
| Arizona              | 10.77             | (9.20 - 12.58)                      | 7.80                | (6.22 - 9.74)                         | 21.28               | (17.66 - 25.40)                       | 9.39              | (7.63 - 11.51)                      | 11.09             | (9.40 - 13.03)                      |
| Arkansas             | 10.51             | (9.01 - 12.21)                      | 7.57                | (6.11 - 9.36)                         | 18.52               | (15.31 - 22.22)                       | 9.55              | (7.84 - 11.59)                      | 10.82             | (9.21 - 12.66)                      |
| California           | 13.11             | (12.26 - 14.02)                     | 8.20                | (7.20 - 9.33)                         | 26.30               | (24.26 - 28.46)                       | 11.46             | (10.46 - 12.55)                     | 13.61             | (12.69 - 14.60)                     |
| Colorado             | 17.83             | (15.82 - 20.03)                     | 9.83                | (7.96 - 12.09)                        | 33.95               | (29.61 - 38.58)                       | 16.14             | (13.83 - 18.74)                     | 18.63             | (16.47 - 21.01)                     |
| Connecticut          | 12.33             | (10.74 - 14.12)                     | 9.64                | (7.73 - 11.95)                        | 32.68               | (28.41 - 37.26)                       | 9.34              | (7.59 - 11.43)                      | 12.60             | (10.91 - 14.51)                     |
| Delaware             | 11.71             | (10.10 - 13.54)                     | 9.71                | (7.83 - 11.99)                        | 26.00               | (22.30 - 30.07)                       | 9.80              | (8.02 - 11.91)                      | 11.90             | (10.19 - 13.84)                     |
| District of Columbia | 19.92             | (17.74 - 22.30)                     | 11.20               | (9.10 - 13.71)                        | 36.86               | (32.45 - 41.51)                       | 17.21             | (14.72 - 20.02)                     | 20.41             | (18.14 - 22.89)                     |
| Florida              | 10.36             | (9.51 - 11.29)                      | 8.89                | (7.76 - 10.15)                        | 24.30               | (22.13 - 26.61)                       | 8.60              | (7.63 - 9.67)                       | 10.49             | (9.58 - 11.48)                      |
| Georgia              | 8.34              | (7.32 - 9.50)                       | 6.57                | (5.34 - 8.05)                         | 20.23               | (17.64 - 23.10)                       | 6.57              | (5.45 - 7.92)                       | 8.54              | (7.45 - 9.79)                       |
| Hawaii               | 9.60              | (8.10 - 11.35)                      | 7.62                | (6.03 - 9.59)                         | 19.26               | (16.07 - 22.92)                       | 8.48              | (6.82 - 10.49)                      | 9.78              | (8.19 - 11.64)                      |
| Idaho                | 9.02              | (7.69 - 10.56)                      | 7.67                | (6.10 - 9.61)                         | 17.59               | (14.62 - 21.01)                       | 7.79              | (6.31 - 9.59)                       | 9.19              | (7.76 - 10.85)                      |
| Illinois             | 10.05             | (9.08 - 11.10)                      | 8.34                | (7.08 - 9.80)                         | 25.72               | (23.10 - 28.52)                       | 7.71              | (6.63 - 8.95)                       | 10.22             | (9.19 - 11.36)                      |
| Indiana              | 11.24             | (9.76 - 12.93)                      | 7.58                | (6.08 - 9.42)                         | 23.72               | (20.32 - 27.50)                       | 9.53              | (7.86 - 11.51)                      | 11.64             | (10.05 - 13.44)                     |
| Iowa                 | 8.10              | (6.88 - 9.50)                       | 6.26                | (4.96 - 7.87)                         | 19.47               | (16.46 - 22.88)                       | 6.29              | (4.98 - 7.92)                       | 8.29              | (6.99 - 9.79)                       |
| Kansas               | 8.31              | (6.98 - 9.86)                       | 6.83                | (5.45 - 8.53)                         | 17.61               | (14.62 - 21.07)                       | 6.84              | (5.39 - 8.64)                       | 8.47              | (7.06 - 10.13)                      |
| Kentucky             | 9.09              | (7.71 - 10.70)                      | 7.46                | (6.00 - 9.23)                         | 18.65               | (15.60 - 22.15)                       | 7.73              | (6.20 - 9.60)                       | 9.26              | (7.78 - 10.98)                      |
| Louisiana            | 9.29              | (7.91 - 10.89)                      | 6.95                | (5.52 - 8.72)                         | 21.05               | (17.80 - 24.72)                       | 7.64              | (6.13 - 9.49)                       | 9.54              | (8.07 - 11.25)                      |
| Maine                | 16.35             | (14.39 - 18.51)                     | 10.67               | (8.73 - 12.98)                        | 36.10               | (31.78 - 40.67)                       | 14.25             | (12.03 - 16.80)                     | 16.83             | (14.74 - 19.14)                     |
| Maryland             | 11.88             | (10.37 - 13.58)                     | 9.05                | (7.27 - 11.21)                        | 28.26               | (24.55 - 32.29)                       | 9.70              | (8.04 - 11.66)                      | 12.16             | (10.56 - 13.98)                     |
| Massachusetts        | 16.00             | (14.12 - 18.09)                     | 10.90               | (8.94 - 13.24)                        | 33.41               | (29.28 - 37.80)                       | 13.55             | (11.43 - 15.98)                     | 16.46             | (14.46 - 18.69)                     |
| Michigan             | 13.39             | (12.27 - 14.60)                     | 9.40                | (8.12 - 10.84)                        | 26.48               | (23.99 - 29.13)                       | 11.67             | (10.36 - 13.12)                     | 13.80             | (12.59 - 15.10)                     |
| Minnesota            | 9.12              | (7.86 - 10.55)                      | 7.30                | (5.81 - 9.14)                         | 20.93               | (17.66 - 24.62)                       | 7.46              | (6.10 - 9.10)                       | 9.31              | (7.97 - 10.84)                      |
| Mississippi          | 9.27              | (7.90 - 10.84)                      | 7.02                | (5.61 - 8.75)                         | 18.85               | (15.55 - 22.66)                       | 7.90              | (6.36 - 9.76)                       | 9.51              | (8.04 - 11.22)                      |
| Missouri             | 10.36             | (9.00 - 11.91)                      | 8.26                | (6.69 - 10.17)                        | 20.72               | (17.49 - 24.36)                       | 8.93              | (7.41 - 10.72)                      | 10.58             | (9.13 - 12.23)                      |
| Montana              | 14.33             | (12.61 - 16.24)                     | 10.37               | (8.43 - 12.69)                        | 27.14               | (23.59 - 31.02)                       | 12.71             | (10.76 - 14.97)                     | 14.70             | (12.87 - 16.74)                     |

See notes at end of table.

(continued)

**Table 1 *Illicit Drug Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)***

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 9.04              | (7.74 - 10.54)                      | 6.65                | (5.31 - 8.29)                         | 22.11               | (18.77 - 25.85)                       | 7.02              | (5.61 - 8.76)                       | 9.30              | (7.91 - 10.92)                      |
| Nevada         | 13.42             | (11.66 - 15.41)                     | 10.15               | (8.20 - 12.50)                        | 27.74               | (23.85 - 31.99)                       | 11.72             | (9.75 - 14.02)                      | 13.75             | (11.87 - 15.88)                     |
| New Hampshire  | 14.28             | (12.59 - 16.15)                     | 9.87                | (8.10 - 11.97)                        | 32.43               | (28.38 - 36.76)                       | 11.93             | (10.03 - 14.13)                     | 14.68             | (12.89 - 16.67)                     |
| New Jersey     | 8.45              | (7.36 - 9.69)                       | 6.37                | (5.04 - 8.03)                         | 25.09               | (21.80 - 28.69)                       | 6.22              | (5.03 - 7.66)                       | 8.66              | (7.49 - 9.99)                       |
| New Mexico     | 13.51             | (11.76 - 15.48)                     | 11.00               | (8.93 - 13.49)                        | 26.72               | (22.81 - 31.02)                       | 11.65             | (9.68 - 13.95)                      | 13.78             | (11.90 - 15.90)                     |
| New York       | 11.06             | (10.18 - 12.00)                     | 7.86                | (6.78 - 9.10)                         | 25.04               | (22.87 - 27.35)                       | 9.12              | (8.09 - 10.26)                      | 11.35             | (10.41 - 12.36)                     |
| North Carolina | 9.76              | (8.59 - 11.07)                      | 7.59                | (6.30 - 9.13)                         | 21.08               | (18.33 - 24.12)                       | 8.23              | (6.89 - 9.80)                       | 9.98              | (8.72 - 11.40)                      |
| North Dakota   | 7.68              | (6.44 - 9.14)                       | 6.29                | (4.94 - 7.97)                         | 16.18               | (13.19 - 19.70)                       | 6.09              | (4.74 - 7.79)                       | 7.81              | (6.49 - 9.37)                       |
| Ohio           | 10.15             | (9.19 - 11.20)                      | 7.50                | (6.36 - 8.83)                         | 22.94               | (20.60 - 25.46)                       | 8.43              | (7.32 - 9.68)                       | 10.42             | (9.39 - 11.55)                      |
| Oklahoma       | 8.42              | (7.16 - 9.87)                       | 7.01                | (5.55 - 8.81)                         | 19.79               | (16.50 - 23.54)                       | 6.65              | (5.30 - 8.30)                       | 8.57              | (7.24 - 10.13)                      |
| Oregon         | 20.91             | (18.85 - 23.13)                     | 11.75               | (9.66 - 14.23)                        | 36.01               | (31.97 - 40.26)                       | 19.60             | (17.20 - 22.25)                     | 21.74             | (19.53 - 24.13)                     |
| Pennsylvania   | 10.15             | (9.18 - 11.22)                      | 6.73                | (5.65 - 8.00)                         | 23.74               | (21.42 - 26.23)                       | 8.42              | (7.30 - 9.70)                       | 10.47             | (9.43 - 11.62)                      |
| Rhode Island   | 17.45             | (15.44 - 19.67)                     | 11.81               | (9.71 - 14.30)                        | 33.07               | (29.18 - 37.19)                       | 15.24             | (12.95 - 17.85)                     | 17.95             | (15.82 - 20.31)                     |
| South Carolina | 8.36              | (7.09 - 9.82)                       | 7.71                | (6.17 - 9.59)                         | 20.91               | (17.74 - 24.47)                       | 6.48              | (5.12 - 8.16)                       | 8.42              | (7.10 - 9.96)                       |
| South Dakota   | 8.58              | (7.29 - 10.08)                      | 7.34                | (5.84 - 9.18)                         | 20.78               | (17.52 - 24.46)                       | 6.67              | (5.29 - 8.37)                       | 8.71              | (7.34 - 10.32)                      |
| Tennessee      | 9.63              | (8.23 - 11.23)                      | 7.49                | (5.97 - 9.36)                         | 22.69               | (19.16 - 26.65)                       | 7.80              | (6.29 - 9.64)                       | 9.84              | (8.35 - 11.56)                      |
| Texas          | 7.64              | (6.91 - 8.44)                       | 6.23                | (5.30 - 7.31)                         | 17.17               | (15.35 - 19.15)                       | 6.14              | (5.29 - 7.11)                       | 7.81              | (7.02 - 8.68)                       |
| Utah           | 8.05              | (6.89 - 9.38)                       | 6.10                | (4.79 - 7.74)                         | 17.00               | (13.97 - 20.53)                       | 6.39              | (5.12 - 7.95)                       | 8.32              | (7.06 - 9.78)                       |
| Vermont        | 19.41             | (17.23 - 21.79)                     | 11.80               | (9.63 - 14.38)                        | 40.32               | (35.47 - 45.36)                       | 16.53             | (14.07 - 19.31)                     | 20.05             | (17.73 - 22.59)                     |
| Virginia       | 8.22              | (7.19 - 9.40)                       | 6.73                | (5.50 - 8.21)                         | 20.77               | (18.11 - 23.70)                       | 6.39              | (5.27 - 7.72)                       | 8.37              | (7.27 - 9.62)                       |
| Washington     | 16.87             | (14.93 - 19.00)                     | 10.50               | (8.57 - 12.80)                        | 27.56               | (23.86 - 31.60)                       | 15.93             | (13.66 - 18.49)                     | 17.48             | (15.39 - 19.78)                     |
| West Virginia  | 9.00              | (7.69 - 10.52)                      | 6.67                | (5.19 - 8.54)                         | 19.30               | (16.14 - 22.91)                       | 7.74              | (6.28 - 9.50)                       | 9.21              | (7.82 - 10.82)                      |
| Wisconsin      | 9.12              | (7.78 - 10.67)                      | 6.97                | (5.58 - 8.67)                         | 21.69               | (18.28 - 25.53)                       | 7.31              | (5.87 - 9.07)                       | 9.34              | (7.91 - 11.00)                      |
| Wyoming        | 8.63              | (7.25 - 10.24)                      | 7.54                | (5.96 - 9.50)                         | 17.78               | (14.70 - 21.34)                       | 7.30              | (5.78 - 9.19)                       | 8.74              | (7.27 - 10.47)                      |

NOTE: Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine.

Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.



**Table 2 Marijuana Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 14.50             | (14.20 - 14.80)                     | 12.19               | (11.77 - 12.63)                       | 33.91               | (33.17 - 34.66)                       | 11.61             | (11.27 - 11.95)                     | 14.73             | (14.41 - 15.06)                     |
| Northeast            | 15.10             | (14.51 - 15.71)                     | 12.29               | (11.48 - 13.15)                       | 37.92               | (36.47 - 39.39)                       | 11.77             | (11.06 - 12.51)                     | 15.36             | (14.73 - 16.02)                     |
| Midwest              | 13.88             | (13.37 - 14.41)                     | 12.74               | (12.04 - 13.47)                       | 33.63               | (32.50 - 34.78)                       | 10.74             | (10.12 - 11.39)                     | 14.00             | (13.44 - 14.57)                     |
| South                | 12.25             | (11.82 - 12.69)                     | 10.99               | (10.38 - 11.62)                       | 30.28               | (29.30 - 31.29)                       | 9.49              | (8.96 - 10.05)                      | 12.38             | (11.91 - 12.86)                     |
| West                 | 18.17             | (17.51 - 18.85)                     | 13.58               | (12.69 - 14.51)                       | 36.86               | (35.44 - 38.29)                       | 15.62             | (14.82 - 16.45)                     | 18.64             | (17.93 - 19.38)                     |
| Alabama              | 10.54             | (9.16 - 12.11)                      | 9.67                | (7.87 - 11.82)                        | 26.35               | (23.02 - 29.98)                       | 8.08              | (6.60 - 9.86)                       | 10.63             | (9.16 - 12.30)                      |
| Alaska               | 22.73             | (20.53 - 25.10)                     | 16.51               | (13.99 - 19.39)                       | 39.44               | (35.37 - 43.66)                       | 20.74             | (18.20 - 23.53)                     | 23.43             | (21.06 - 25.98)                     |
| Arizona              | 13.85             | (12.03 - 15.89)                     | 11.05               | (9.08 - 13.40)                        | 29.75               | (25.86 - 33.96)                       | 11.55             | (9.58 - 13.86)                      | 14.14             | (12.20 - 16.34)                     |
| Arkansas             | 12.60             | (11.07 - 14.31)                     | 10.87               | (8.97 - 13.11)                        | 27.09               | (23.66 - 30.82)                       | 10.43             | (8.75 - 12.39)                      | 12.78             | (11.15 - 14.61)                     |
| California           | 17.39             | (16.46 - 18.37)                     | 13.30               | (11.95 - 14.79)                       | 36.53               | (34.37 - 38.74)                       | 14.63             | (13.54 - 15.80)                     | 17.81             | (16.79 - 18.87)                     |
| Colorado             | 24.86             | (22.61 - 27.25)                     | 16.97               | (14.25 - 20.08)                       | 48.81               | (44.51 - 53.12)                       | 21.88             | (19.31 - 24.69)                     | 25.65             | (23.24 - 28.23)                     |
| Connecticut          | 16.22             | (14.47 - 18.13)                     | 14.73               | (12.26 - 17.59)                       | 45.21               | (40.97 - 49.52)                       | 11.68             | (9.82 - 13.85)                      | 16.37             | (14.51 - 18.41)                     |
| Delaware             | 14.80             | (13.08 - 16.70)                     | 13.48               | (11.18 - 16.17)                       | 37.20               | (33.10 - 41.50)                       | 11.60             | (9.75 - 13.75)                      | 14.92             | (13.10 - 16.95)                     |
| District of Columbia | 26.35             | (24.04 - 28.81)                     | 14.60               | (12.07 - 17.56)                       | 53.20               | (48.47 - 57.87)                       | 21.90             | (19.34 - 24.69)                     | 27.01             | (24.59 - 29.57)                     |
| Florida              | 13.69             | (12.69 - 14.76)                     | 13.46               | (11.98 - 15.10)                       | 35.77               | (33.45 - 38.17)                       | 10.69             | (9.56 - 11.93)                      | 13.71             | (12.63 - 14.85)                     |
| Georgia              | 11.64             | (10.41 - 12.99)                     | 10.39               | (8.68 - 12.39)                        | 29.91               | (26.89 - 33.12)                       | 8.73              | (7.41 - 10.26)                      | 11.78             | (10.47 - 13.24)                     |
| Hawaii               | 13.14             | (11.39 - 15.11)                     | 11.43               | (9.39 - 13.84)                        | 27.14               | (23.50 - 31.11)                       | 11.39             | (9.45 - 13.66)                      | 13.29             | (11.43 - 15.41)                     |
| Idaho                | 12.62             | (11.08 - 14.35)                     | 12.00               | (9.91 - 14.46)                        | 28.40               | (24.82 - 32.27)                       | 10.09             | (8.42 - 12.05)                      | 12.70             | (11.05 - 14.56)                     |
| Illinois             | 13.83             | (12.70 - 15.05)                     | 13.34               | (11.68 - 15.18)                       | 35.26               | (32.55 - 38.07)                       | 10.42             | (9.17 - 11.83)                      | 13.88             | (12.68 - 15.19)                     |
| Indiana              | 14.42             | (12.81 - 16.19)                     | 13.31               | (11.07 - 15.93)                       | 33.87               | (30.13 - 37.82)                       | 11.16             | (9.45 - 13.15)                      | 14.54             | (12.83 - 16.44)                     |
| Iowa                 | 11.39             | (9.97 - 12.98)                      | 10.22               | (8.30 - 12.52)                        | 30.88               | (27.35 - 34.64)                       | 8.05              | (6.55 - 9.86)                       | 11.51             | (9.99 - 13.21)                      |
| Kansas               | 11.93             | (10.41 - 13.65)                     | 11.76               | (9.69 - 14.21)                        | 28.87               | (25.33 - 32.69)                       | 8.93              | (7.30 - 10.87)                      | 11.95             | (10.33 - 13.80)                     |
| Kentucky             | 12.86             | (11.27 - 14.64)                     | 11.94               | (9.91 - 14.31)                        | 28.74               | (25.11 - 32.68)                       | 10.39             | (8.66 - 12.41)                      | 12.95             | (11.26 - 14.85)                     |
| Louisiana            | 12.23             | (10.72 - 13.94)                     | 9.92                | (8.11 - 12.07)                        | 28.98               | (25.28 - 32.98)                       | 9.76              | (8.13 - 11.66)                      | 12.48             | (10.85 - 14.32)                     |
| Maine                | 21.94             | (19.74 - 24.31)                     | 15.81               | (13.26 - 18.75)                       | 45.67               | (41.47 - 49.92)                       | 19.36             | (16.85 - 22.13)                     | 22.46             | (20.11 - 24.99)                     |
| Maryland             | 15.48             | (13.83 - 17.28)                     | 13.76               | (11.42 - 16.49)                       | 39.47               | (35.41 - 43.67)                       | 12.00             | (10.22 - 14.05)                     | 15.65             | (13.90 - 17.58)                     |
| Massachusetts        | 19.96             | (17.96 - 22.12)                     | 16.39               | (13.77 - 19.39)                       | 44.93               | (40.59 - 49.36)                       | 16.03             | (13.83 - 18.51)                     | 20.28             | (18.16 - 22.58)                     |
| Michigan             | 16.69             | (15.52 - 17.92)                     | 14.15               | (12.48 - 16.01)                       | 38.00               | (35.30 - 40.79)                       | 13.41             | (12.07 - 14.87)                     | 16.94             | (15.69 - 18.27)                     |
| Minnesota            | 13.71             | (12.11 - 15.47)                     | 12.95               | (10.85 - 15.38)                       | 32.75               | (29.01 - 36.72)                       | 10.78             | (9.05 - 12.79)                      | 13.78             | (12.09 - 15.67)                     |
| Mississippi          | 11.40             | (9.93 - 13.05)                      | 10.69               | (8.77 - 12.98)                        | 26.78               | (23.26 - 30.63)                       | 8.82              | (7.25 - 10.68)                      | 11.48             | (9.91 - 13.25)                      |
| Missouri             | 13.75             | (12.16 - 15.51)                     | 11.81               | (9.74 - 14.24)                        | 31.87               | (28.09 - 35.92)                       | 11.03             | (9.34 - 12.99)                      | 13.95             | (12.26 - 15.82)                     |
| Montana              | 19.53             | (17.53 - 21.69)                     | 15.91               | (13.43 - 18.76)                       | 40.51               | (36.64 - 44.50)                       | 16.57             | (14.34 - 19.07)                     | 19.86             | (17.74 - 22.17)                     |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 11.51             | (10.12 - 13.07)                     | 12.04               | (9.96 - 14.48)                        | 30.55               | (26.88 - 34.49)                       | 8.06              | (6.63 - 9.76)                       | 11.46             | (9.98 - 13.12)                      |
| Nevada         | 16.82             | (14.82 - 19.02)                     | 14.37               | (11.94 - 17.19)                       | 35.81               | (31.75 - 40.08)                       | 14.34             | (12.11 - 16.90)                     | 17.06             | (14.93 - 19.43)                     |
| New Hampshire  | 18.62             | (16.74 - 20.65)                     | 15.44               | (13.06 - 18.16)                       | 43.17               | (38.97 - 47.47)                       | 15.15             | (13.07 - 17.49)                     | 18.90             | (16.91 - 21.07)                     |
| New Jersey     | 12.04             | (10.77 - 13.43)                     | 10.28               | (8.49 - 12.39)                        | 35.36               | (31.71 - 39.19)                       | 8.77              | (7.45 - 10.31)                      | 12.21             | (10.87 - 13.70)                     |
| New Mexico     | 17.51             | (15.57 - 19.63)                     | 15.62               | (13.08 - 18.55)                       | 33.63               | (29.64 - 37.87)                       | 15.09             | (12.88 - 17.59)                     | 17.71             | (15.63 - 20.00)                     |
| New York       | 14.50             | (13.51 - 15.55)                     | 11.88               | (10.51 - 13.40)                       | 36.10               | (33.61 - 38.68)                       | 11.26             | (10.15 - 12.47)                     | 14.74             | (13.68 - 15.86)                     |
| North Carolina | 12.06             | (10.84 - 13.40)                     | 10.48               | (8.86 - 12.35)                        | 29.70               | (26.72 - 32.88)                       | 9.47              | (8.12 - 11.01)                      | 12.23             | (10.91 - 13.67)                     |
| North Dakota   | 10.95             | (9.50 - 12.59)                      | 10.27               | (8.38 - 12.51)                        | 24.99               | (21.51 - 28.83)                       | 8.13              | (6.63 - 9.94)                       | 11.02             | (9.49 - 12.76)                      |
| Ohio           | 13.76             | (12.65 - 14.95)                     | 12.17               | (10.68 - 13.82)                       | 34.53               | (31.97 - 37.17)                       | 10.65             | (9.42 - 12.02)                      | 13.92             | (12.74 - 15.20)                     |
| Oklahoma       | 12.09             | (10.55 - 13.83)                     | 11.31               | (9.26 - 13.75)                        | 29.15               | (25.50 - 33.10)                       | 9.26              | (7.64 - 11.19)                      | 12.18             | (10.54 - 14.04)                     |
| Oregon         | 26.51             | (24.19 - 28.97)                     | 17.01               | (14.37 - 20.01)                       | 47.57               | (43.39 - 51.78)                       | 24.36             | (21.70 - 27.22)                     | 27.38             | (24.89 - 30.02)                     |
| Pennsylvania   | 13.21             | (12.14 - 14.35)                     | 10.36               | (8.92 - 12.00)                        | 33.74               | (31.12 - 36.45)                       | 10.34             | (9.13 - 11.69)                      | 13.47             | (12.33 - 14.70)                     |
| Rhode Island   | 20.76             | (18.70 - 22.98)                     | 15.27               | (12.76 - 18.18)                       | 43.67               | (39.40 - 48.03)                       | 17.21             | (14.94 - 19.74)                     | 21.24             | (19.05 - 23.60)                     |
| South Carolina | 11.09             | (9.69 - 12.67)                      | 10.57               | (8.70 - 12.78)                        | 28.27               | (24.88 - 31.91)                       | 8.48              | (6.99 - 10.26)                      | 11.14             | (9.66 - 12.83)                      |
| South Dakota   | 12.35             | (10.85 - 14.01)                     | 12.51               | (10.39 - 14.99)                       | 29.11               | (25.56 - 32.93)                       | 9.48              | (7.89 - 11.36)                      | 12.33             | (10.75 - 14.11)                     |
| Tennessee      | 13.38             | (11.74 - 15.21)                     | 11.68               | (9.71 - 13.98)                        | 32.11               | (28.38 - 36.07)                       | 10.61             | (8.86 - 12.66)                      | 13.55             | (11.81 - 15.51)                     |
| Texas          | 10.55             | (9.73 - 11.43)                      | 9.61                | (8.36 - 11.03)                        | 26.19               | (24.12 - 28.36)                       | 7.88              | (6.96 - 8.91)                       | 10.67             | (9.79 - 11.62)                      |
| Utah           | 10.40             | (9.02 - 11.97)                      | 9.20                | (7.36 - 11.44)                        | 23.74               | (20.30 - 27.56)                       | 7.64              | (6.22 - 9.35)                       | 10.58             | (9.10 - 12.27)                      |
| Vermont        | 23.84             | (21.53 - 26.31)                     | 17.88               | (15.00 - 21.18)                       | 50.08               | (45.49 - 54.67)                       | 19.86             | (17.23 - 22.77)                     | 24.34             | (21.89 - 26.97)                     |
| Virginia       | 11.78             | (10.59 - 13.08)                     | 10.35               | (8.70 - 12.28)                        | 30.99               | (28.12 - 34.02)                       | 8.87              | (7.57 - 10.36)                      | 11.92             | (10.64 - 13.32)                     |
| Washington     | 22.49             | (20.26 - 24.89)                     | 14.97               | (12.51 - 17.81)                       | 42.12               | (37.97 - 46.39)                       | 20.30             | (17.78 - 23.07)                     | 23.21             | (20.81 - 25.78)                     |
| West Virginia  | 12.91             | (11.28 - 14.73)                     | 10.70               | (8.79 - 12.95)                        | 28.80               | (25.16 - 32.74)                       | 10.81             | (9.03 - 12.90)                      | 13.10             | (11.37 - 15.05)                     |
| Wisconsin      | 12.70             | (11.16 - 14.41)                     | 12.61               | (10.55 - 15.02)                       | 30.13               | (26.46 - 34.07)                       | 9.84              | (8.22 - 11.75)                      | 12.71             | (11.08 - 14.53)                     |
| Wyoming        | 12.15             | (10.59 - 13.89)                     | 11.75               | (9.56 - 14.36)                        | 29.33               | (25.65 - 33.30)                       | 9.46              | (7.79 - 11.44)                      | 12.19             | (10.54 - 14.05)                     |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 3 Marijuana Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 9.23              | (9.00 - 9.47)                       | 6.46                | (6.12 - 6.82)                         | 21.45               | (20.84 - 22.08)                       | 7.56              | (7.30 - 7.83)                       | 9.51              | (9.26 - 9.77)                       |
| Northeast            | 9.83              | (9.35 - 10.34)                      | 6.76                | (6.19 - 7.37)                         | 24.86               | (23.58 - 26.18)                       | 7.77              | (7.21 - 8.37)                       | 10.12             | (9.60 - 10.66)                      |
| Midwest              | 8.76              | (8.35 - 9.19)                       | 6.40                | (5.91 - 6.92)                         | 20.83               | (19.84 - 21.85)                       | 7.04              | (6.57 - 7.54)                       | 9.00              | (8.57 - 9.46)                       |
| South                | 7.47              | (7.15 - 7.82)                       | 5.78                | (5.37 - 6.22)                         | 18.44               | (17.63 - 19.29)                       | 5.91              | (5.53 - 6.32)                       | 7.65              | (7.30 - 8.02)                       |
| West                 | 11.98             | (11.45 - 12.54)                     | 7.42                | (6.80 - 8.10)                         | 24.18               | (22.91 - 25.49)                       | 10.51             | (9.86 - 11.19)                      | 12.45             | (11.87 - 13.06)                     |
| Alabama              | 6.37              | (5.29 - 7.66)                       | 5.26                | (4.14 - 6.65)                         | 16.48               | (13.65 - 19.75)                       | 4.86              | (3.74 - 6.30)                       | 6.48              | (5.34 - 7.85)                       |
| Alaska               | 15.81             | (13.87 - 17.98)                     | 8.84                | (7.15 - 10.88)                        | 26.27               | (22.67 - 30.22)                       | 14.97             | (12.66 - 17.61)                     | 16.59             | (14.49 - 18.94)                     |
| Arizona              | 8.38              | (7.00 - 10.00)                      | 6.31                | (4.99 - 7.96)                         | 19.09               | (16.01 - 22.60)                       | 6.85              | (5.39 - 8.67)                       | 8.59              | (7.13 - 10.32)                      |
| Arkansas             | 8.19              | (6.90 - 9.71)                       | 5.81                | (4.60 - 7.32)                         | 15.96               | (13.22 - 19.13)                       | 7.21              | (5.78 - 8.96)                       | 8.44              | (7.06 - 10.07)                      |
| California           | 11.33             | (10.57 - 12.14)                     | 6.93                | (6.03 - 7.96)                         | 24.07               | (22.13 - 26.12)                       | 9.70              | (8.81 - 10.66)                      | 11.78             | (10.96 - 12.65)                     |
| Colorado             | 16.43             | (14.50 - 18.56)                     | 9.02                | (7.29 - 11.11)                        | 31.74               | (27.67 - 36.10)                       | 14.81             | (12.61 - 17.31)                     | 17.18             | (15.11 - 19.47)                     |
| Connecticut          | 10.59             | (9.05 - 12.36)                      | 7.91                | (6.28 - 9.92)                         | 30.35               | (26.29 - 34.75)                       | 7.69              | (6.06 - 9.71)                       | 10.86             | (9.22 - 12.74)                      |
| Delaware             | 9.95              | (8.50 - 11.61)                      | 7.45                | (5.94 - 9.31)                         | 23.73               | (20.26 - 27.58)                       | 8.17              | (6.62 - 10.04)                      | 10.18             | (8.66 - 11.94)                      |
| District of Columbia | 17.17             | (15.14 - 19.41)                     | 8.26                | (6.59 - 10.32)                        | 34.85               | (30.61 - 39.35)                       | 14.32             | (12.06 - 16.92)                     | 17.67             | (15.55 - 20.00)                     |
| Florida              | 8.65              | (7.86 - 9.51)                       | 7.48                | (6.48 - 8.62)                         | 22.39               | (20.27 - 24.66)                       | 6.88              | (6.00 - 7.89)                       | 8.75              | (7.91 - 9.67)                       |
| Georgia              | 6.74              | (5.82 - 7.79)                       | 5.39                | (4.34 - 6.66)                         | 18.38               | (15.97 - 21.05)                       | 4.95              | (3.98 - 6.15)                       | 6.89              | (5.91 - 8.01)                       |
| Hawaii               | 8.17              | (6.78 - 9.80)                       | 6.54                | (5.09 - 8.38)                         | 17.45               | (14.47 - 20.89)                       | 7.06              | (5.55 - 8.94)                       | 8.31              | (6.85 - 10.05)                      |
| Idaho                | 7.62              | (6.41 - 9.04)                       | 6.34                | (5.00 - 8.02)                         | 16.07               | (13.33 - 19.25)                       | 6.40              | (5.08 - 8.02)                       | 7.78              | (6.49 - 9.29)                       |
| Illinois             | 8.81              | (7.90 - 9.82)                       | 6.89                | (5.78 - 8.18)                         | 23.51               | (21.12 - 26.07)                       | 6.66              | (5.65 - 7.84)                       | 9.01              | (8.04 - 10.09)                      |
| Indiana              | 9.29              | (7.96 - 10.81)                      | 6.51                | (5.18 - 8.14)                         | 20.70               | (17.56 - 24.23)                       | 7.65              | (6.20 - 9.40)                       | 9.59              | (8.18 - 11.21)                      |
| Iowa                 | 6.65              | (5.58 - 7.89)                       | 5.11                | (4.00 - 6.51)                         | 17.29               | (14.54 - 20.44)                       | 4.93              | (3.83 - 6.32)                       | 6.80              | (5.68 - 8.13)                       |
| Kansas               | 6.62              | (5.42 - 8.05)                       | 5.16                | (3.99 - 6.64)                         | 16.04               | (13.27 - 19.27)                       | 5.12              | (3.88 - 6.73)                       | 6.78              | (5.51 - 8.31)                       |
| Kentucky             | 7.77              | (6.53 - 9.22)                       | 6.01                | (4.74 - 7.58)                         | 17.38               | (14.55 - 20.64)                       | 6.41              | (5.08 - 8.06)                       | 7.95              | (6.64 - 9.48)                       |
| Louisiana            | 7.60              | (6.40 - 9.00)                       | 5.67                | (4.48 - 7.15)                         | 18.80               | (15.89 - 22.11)                       | 5.99              | (4.70 - 7.61)                       | 7.80              | (6.53 - 9.30)                       |
| Maine                | 15.81             | (13.90 - 17.92)                     | 9.89                | (8.01 - 12.16)                        | 34.38               | (30.15 - 38.87)                       | 13.89             | (11.73 - 16.38)                     | 16.31             | (14.28 - 18.56)                     |
| Maryland             | 10.68             | (9.27 - 12.28)                      | 7.13                | (5.75 - 8.80)                         | 26.24               | (22.75 - 30.06)                       | 8.71              | (7.17 - 10.54)                      | 11.04             | (9.53 - 12.74)                      |
| Massachusetts        | 13.38             | (11.71 - 15.24)                     | 8.91                | (7.23 - 10.93)                        | 30.27               | (26.46 - 34.38)                       | 10.94             | (9.10 - 13.10)                      | 13.78             | (12.01 - 15.77)                     |
| Michigan             | 11.61             | (10.55 - 12.77)                     | 7.73                | (6.56 - 9.08)                         | 24.24               | (21.92 - 26.72)                       | 9.95              | (8.73 - 11.32)                      | 12.00             | (10.86 - 13.25)                     |
| Minnesota            | 7.71              | (6.52 - 9.10)                       | 5.81                | (4.62 - 7.29)                         | 19.12               | (16.08 - 22.57)                       | 6.13              | (4.85 - 7.72)                       | 7.91              | (6.64 - 9.40)                       |
| Mississippi          | 6.96              | (5.80 - 8.32)                       | 5.05                | (3.92 - 6.48)                         | 15.79               | (13.01 - 19.04)                       | 5.67              | (4.43 - 7.23)                       | 7.17              | (5.94 - 8.63)                       |
| Missouri             | 8.42              | (7.13 - 9.92)                       | 5.80                | (4.55 - 7.37)                         | 18.57               | (15.50 - 22.08)                       | 7.08              | (5.69 - 8.78)                       | 8.68              | (7.32 - 10.28)                      |
| Montana              | 13.01             | (11.32 - 14.90)                     | 8.80                | (7.18 - 10.75)                        | 25.13               | (21.71 - 28.89)                       | 11.52             | (9.62 - 13.75)                      | 13.40             | (11.60 - 15.43)                     |

See notes at end of table.

(continued)

**Table 3 Marijuana Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 7.70              | (6.50 - 9.12)                       | 6.00                | (4.70 - 7.62)                         | 18.76               | (15.65 - 22.32)                       | 5.96              | (4.69 - 7.53)                       | 7.89              | (6.61 - 9.40)                       |
| Nevada         | 11.81             | (10.15 - 13.69)                     | 8.82                | (7.11 - 10.89)                        | 25.86               | (22.30 - 29.79)                       | 10.11             | (8.29 - 12.27)                      | 12.11             | (10.36 - 14.11)                     |
| New Hampshire  | 12.90             | (11.24 - 14.76)                     | 8.64                | (7.00 - 10.61)                        | 28.93               | (25.32 - 32.82)                       | 10.86             | (9.04 - 13.00)                      | 13.28             | (11.52 - 15.26)                     |
| New Jersey     | 7.15              | (6.15 - 8.29)                       | 5.16                | (4.06 - 6.52)                         | 22.34               | (19.24 - 25.78)                       | 5.12              | (4.07 - 6.42)                       | 7.35              | (6.29 - 8.56)                       |
| New Mexico     | 11.96             | (10.33 - 13.81)                     | 9.74                | (7.88 - 11.99)                        | 24.39               | (20.84 - 28.32)                       | 10.19             | (8.38 - 12.33)                      | 12.20             | (10.46 - 14.17)                     |
| New York       | 9.47              | (8.66 - 10.35)                      | 6.75                | (5.80 - 7.85)                         | 23.35               | (21.26 - 25.57)                       | 7.50              | (6.59 - 8.52)                       | 9.72              | (8.86 - 10.66)                      |
| North Carolina | 7.92              | (6.92 - 9.06)                       | 6.04                | (4.93 - 7.38)                         | 19.04               | (16.45 - 21.94)                       | 6.40              | (5.30 - 7.70)                       | 8.12              | (7.05 - 9.33)                       |
| North Dakota   | 6.44              | (5.31 - 7.78)                       | 4.99                | (3.85 - 6.43)                         | 14.50               | (11.75 - 17.75)                       | 4.93              | (3.76 - 6.45)                       | 6.57              | (5.38 - 8.00)                       |
| Ohio           | 8.58              | (7.71 - 9.54)                       | 6.33                | (5.35 - 7.47)                         | 21.27               | (19.00 - 23.73)                       | 6.83              | (5.86 - 7.94)                       | 8.81              | (7.88 - 9.83)                       |
| Oklahoma       | 6.90              | (5.72 - 8.30)                       | 5.38                | (4.14 - 6.95)                         | 16.80               | (13.91 - 20.16)                       | 5.39              | (4.15 - 6.97)                       | 7.06              | (5.82 - 8.55)                       |
| Oregon         | 19.23             | (17.22 - 21.41)                     | 10.35               | (8.43 - 12.64)                        | 33.15               | (29.33 - 37.21)                       | 18.07             | (15.76 - 20.64)                     | 20.04             | (17.89 - 22.38)                     |
| Pennsylvania   | 8.23              | (7.36 - 9.19)                       | 5.59                | (4.69 - 6.66)                         | 21.38               | (19.17 - 23.76)                       | 6.48              | (5.51 - 7.60)                       | 8.47              | (7.54 - 9.50)                       |
| Rhode Island   | 15.75             | (13.83 - 17.87)                     | 9.49                | (7.71 - 11.61)                        | 31.86               | (28.00 - 35.99)                       | 13.51             | (11.34 - 16.01)                     | 16.30             | (14.27 - 18.56)                     |
| South Carolina | 6.66              | (5.53 - 8.00)                       | 5.47                | (4.26 - 7.00)                         | 18.38               | (15.47 - 21.70)                       | 4.97              | (3.79 - 6.49)                       | 6.77              | (5.58 - 8.20)                       |
| South Dakota   | 7.13              | (5.97 - 8.51)                       | 5.94                | (4.70 - 7.49)                         | 18.25               | (15.26 - 21.68)                       | 5.40              | (4.16 - 6.96)                       | 7.26              | (6.03 - 8.72)                       |
| Tennessee      | 8.00              | (6.73 - 9.48)                       | 5.75                | (4.56 - 7.22)                         | 19.49               | (16.26 - 23.19)                       | 6.44              | (5.10 - 8.10)                       | 8.23              | (6.88 - 9.81)                       |
| Texas          | 5.98              | (5.36 - 6.66)                       | 4.86                | (4.08 - 5.76)                         | 14.63               | (12.93 - 16.51)                       | 4.59              | (3.90 - 5.39)                       | 6.11              | (5.45 - 6.85)                       |
| Utah           | 6.25              | (5.17 - 7.55)                       | 4.71                | (3.62 - 6.10)                         | 14.71               | (11.99 - 17.93)                       | 4.63              | (3.50 - 6.11)                       | 6.47              | (5.31 - 7.87)                       |
| Vermont        | 18.64             | (16.59 - 20.88)                     | 10.75               | (8.72 - 13.18)                        | 38.80               | (34.16 - 43.66)                       | 15.91             | (13.55 - 18.59)                     | 19.30             | (17.12 - 21.69)                     |
| Virginia       | 6.96              | (6.02 - 8.03)                       | 5.48                | (4.41 - 6.80)                         | 18.47               | (16.03 - 21.18)                       | 5.28              | (4.28 - 6.50)                       | 7.10              | (6.11 - 8.24)                       |
| Washington     | 15.30             | (13.41 - 17.39)                     | 8.96                | (7.25 - 11.02)                        | 26.48               | (22.87 - 30.45)                       | 14.28             | (12.12 - 16.75)                     | 15.90             | (13.89 - 18.15)                     |
| West Virginia  | 7.59              | (6.35 - 9.04)                       | 5.45                | (4.25 - 6.97)                         | 16.94               | (14.10 - 20.22)                       | 6.44              | (5.12 - 8.08)                       | 7.78              | (6.48 - 9.32)                       |
| Wisconsin      | 7.89              | (6.58 - 9.44)                       | 5.91                | (4.65 - 7.47)                         | 18.82               | (15.81 - 22.25)                       | 6.33              | (4.94 - 8.08)                       | 8.09              | (6.70 - 9.74)                       |
| Wyoming        | 7.10              | (5.89 - 8.54)                       | 5.76                | (4.50 - 7.35)                         | 16.50               | (13.69 - 19.75)                       | 5.77              | (4.47 - 7.42)                       | 7.24              | (5.96 - 8.76)                       |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 4 Perceptions of Great Risk from Smoking Marijuana Once a Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 26.91             | (26.49 - 27.34)                     | 25.75               | (25.13 - 26.39)                       | 12.89               | (12.41 - 13.40)                       | 29.35             | (28.84 - 29.87)                     | 27.03             | (26.57 - 27.49)                     |
| Northeast            | 25.33             | (24.45 - 26.24)                     | 25.34               | (24.18 - 26.54)                       | 11.80               | (10.93 - 12.72)                       | 27.51             | (26.45 - 28.59)                     | 25.33             | (24.39 - 26.30)                     |
| Midwest              | 23.80             | (23.05 - 24.56)                     | 24.74               | (23.77 - 25.74)                       | 11.04               | (10.30 - 11.84)                       | 25.82             | (24.93 - 26.73)                     | 23.70             | (22.90 - 24.51)                     |
| South                | 30.51             | (29.85 - 31.17)                     | 28.31               | (27.36 - 29.28)                       | 15.12               | (14.35 - 15.91)                       | 33.27             | (32.50 - 34.05)                     | 30.74             | (30.03 - 31.45)                     |
| West                 | 25.14             | (24.34 - 25.96)                     | 22.83               | (21.72 - 23.98)                       | 11.89               | (11.00 - 12.84)                       | 27.64             | (26.67 - 28.63)                     | 25.38             | (24.51 - 26.26)                     |
| Alabama              | 30.57             | (28.01 - 33.27)                     | 31.66               | (27.88 - 35.69)                       | 15.68               | (13.08 - 18.68)                       | 32.88             | (29.84 - 36.07)                     | 30.46             | (27.76 - 33.31)                     |
| Alaska               | 17.51             | (15.50 - 19.72)                     | 18.75               | (15.97 - 21.88)                       | 11.67               | (9.54 - 14.21)                        | 18.36             | (16.00 - 20.97)                     | 17.38             | (15.26 - 19.72)                     |
| Arizona              | 27.91             | (25.34 - 30.63)                     | 26.53               | (23.15 - 30.22)                       | 14.26               | (11.76 - 17.18)                       | 30.37             | (27.31 - 33.62)                     | 28.05             | (25.34 - 30.94)                     |
| Arkansas             | 29.61             | (27.18 - 32.15)                     | 28.14               | (24.78 - 31.75)                       | 14.32               | (11.91 - 17.12)                       | 32.32             | (29.42 - 35.37)                     | 29.76             | (27.19 - 32.47)                     |
| California           | 27.84             | (26.63 - 29.08)                     | 23.15               | (21.40 - 25.00)                       | 12.36               | (11.04 - 13.81)                       | 31.04             | (29.56 - 32.57)                     | 28.32             | (27.01 - 29.66)                     |
| Colorado             | 16.53             | (14.52 - 18.75)                     | 16.21               | (13.42 - 19.44)                       | 7.34                | (5.68 - 9.45)                         | 18.08             | (15.72 - 20.71)                     | 16.56             | (14.47 - 18.89)                     |
| Connecticut          | 22.00             | (19.58 - 24.63)                     | 22.39               | (19.09 - 26.08)                       | 10.42               | (8.39 - 12.87)                        | 23.86             | (21.02 - 26.95)                     | 21.96             | (19.43 - 24.72)                     |
| Delaware             | 24.32             | (21.86 - 26.96)                     | 23.69               | (20.52 - 27.18)                       | 12.21               | (9.97 - 14.86)                        | 26.21             | (23.31 - 29.32)                     | 24.38             | (21.78 - 27.17)                     |
| District of Columbia | 16.85             | (14.81 - 19.12)                     | 20.18               | (17.05 - 23.72)                       | 7.99                | (6.10 - 10.39)                        | 18.38             | (15.98 - 21.05)                     | 16.66             | (14.56 - 18.99)                     |
| Florida              | 30.74             | (29.21 - 32.32)                     | 25.43               | (23.54 - 27.43)                       | 14.31               | (12.78 - 16.00)                       | 33.53             | (31.73 - 35.38)                     | 31.20             | (29.58 - 32.87)                     |
| Georgia              | 32.22             | (30.16 - 34.35)                     | 32.81               | (29.64 - 36.13)                       | 15.05               | (12.91 - 17.48)                       | 35.06             | (32.54 - 37.66)                     | 32.15             | (29.95 - 34.45)                     |
| Hawaii               | 29.53             | (26.83 - 32.38)                     | 23.81               | (20.59 - 27.36)                       | 13.68               | (11.14 - 16.69)                       | 32.30             | (29.15 - 35.62)                     | 30.04             | (27.19 - 33.05)                     |
| Idaho                | 26.60             | (24.31 - 29.02)                     | 29.05               | (25.62 - 32.75)                       | 13.29               | (10.99 - 15.97)                       | 28.49             | (25.76 - 31.39)                     | 26.30             | (23.88 - 28.88)                     |
| Illinois             | 25.11             | (23.49 - 26.80)                     | 23.37               | (21.21 - 25.68)                       | 12.25               | (10.53 - 14.20)                       | 27.43             | (25.45 - 29.50)                     | 25.29             | (23.55 - 27.12)                     |
| Indiana              | 25.57             | (23.16 - 28.14)                     | 27.07               | (23.64 - 30.78)                       | 11.82               | (9.56 - 14.53)                        | 27.81             | (24.94 - 30.87)                     | 25.41             | (22.88 - 28.12)                     |
| Iowa                 | 23.42             | (21.14 - 25.87)                     | 25.38               | (22.15 - 28.90)                       | 11.75               | (9.59 - 14.33)                        | 25.29             | (22.56 - 28.23)                     | 23.22             | (20.82 - 25.81)                     |
| Kansas               | 24.51             | (22.18 - 27.00)                     | 26.59               | (23.27 - 30.21)                       | 12.28               | (10.06 - 14.90)                       | 26.45             | (23.66 - 29.44)                     | 24.28             | (21.82 - 26.92)                     |
| Kentucky             | 27.84             | (25.41 - 30.42)                     | 28.52               | (25.14 - 32.17)                       | 12.62               | (10.37 - 15.27)                       | 30.26             | (27.36 - 33.33)                     | 27.77             | (25.19 - 30.51)                     |
| Louisiana            | 29.08             | (26.73 - 31.55)                     | 27.75               | (24.39 - 31.38)                       | 14.73               | (12.23 - 17.63)                       | 31.63             | (28.82 - 34.58)                     | 29.22             | (26.73 - 31.84)                     |
| Maine                | 18.07             | (15.87 - 20.51)                     | 19.33               | (16.42 - 22.62)                       | 7.90                | (6.23 - 9.96)                         | 19.33             | (16.76 - 22.18)                     | 17.96             | (15.66 - 20.53)                     |
| Maryland             | 25.11             | (22.73 - 27.64)                     | 26.24               | (22.77 - 30.04)                       | 12.66               | (10.44 - 15.27)                       | 26.90             | (24.13 - 29.87)                     | 24.99             | (22.52 - 27.65)                     |
| Massachusetts        | 19.61             | (17.36 - 22.06)                     | 20.33               | (17.28 - 23.77)                       | 9.02                | (7.21 - 11.23)                        | 21.37             | (18.73 - 24.27)                     | 19.54             | (17.21 - 22.10)                     |
| Michigan             | 21.88             | (20.32 - 23.53)                     | 23.50               | (21.32 - 25.83)                       | 9.81                | (8.39 - 11.44)                        | 23.74             | (21.83 - 25.76)                     | 21.72             | (20.05 - 23.49)                     |
| Minnesota            | 19.25             | (17.21 - 21.46)                     | 21.73               | (18.73 - 25.06)                       | 8.70                | (6.94 - 10.85)                        | 20.64             | (18.26 - 23.25)                     | 18.99             | (16.86 - 21.32)                     |
| Mississippi          | 35.07             | (32.35 - 37.90)                     | 32.44               | (28.89 - 36.21)                       | 21.42               | (18.07 - 25.19)                       | 37.81             | (34.51 - 41.23)                     | 35.36             | (32.44 - 38.40)                     |
| Missouri             | 24.67             | (22.42 - 27.06)                     | 26.41               | (23.06 - 30.06)                       | 11.87               | (9.58 - 14.61)                        | 26.56             | (23.93 - 29.37)                     | 24.49             | (22.13 - 27.01)                     |
| Montana              | 20.30             | (18.20 - 22.58)                     | 20.91               | (17.85 - 24.33)                       | 9.22                | (7.46 - 11.35)                        | 22.02             | (19.54 - 24.73)                     | 20.24             | (18.04 - 22.64)                     |

See notes at end of table.

(continued)

**Table 4 Perceptions of Great Risk from Smoking Marijuana Once a Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 24.15             | (21.79 - 26.67)                     | 25.60               | (22.41 - 29.07)                       | 11.93               | (9.78 - 14.49)                        | 26.16             | (23.33 - 29.20)                     | 23.99             | (21.49 - 26.67)                     |
| Nevada         | 23.32             | (20.91 - 25.91)                     | 18.55               | (15.65 - 21.84)                       | 10.63               | (8.43 - 13.31)                        | 25.73             | (22.91 - 28.77)                     | 23.80             | (21.26 - 26.54)                     |
| New Hampshire  | 18.97             | (16.80 - 21.36)                     | 22.78               | (19.70 - 26.19)                       | 7.55                | (6.00 - 9.48)                         | 20.36             | (17.80 - 23.18)                     | 18.63             | (16.36 - 21.13)                     |
| New Jersey     | 32.09             | (29.71 - 34.56)                     | 29.71               | (26.47 - 33.17)                       | 13.18               | (11.08 - 15.62)                       | 35.18             | (32.33 - 38.15)                     | 32.32             | (29.80 - 34.96)                     |
| New Mexico     | 25.75             | (23.30 - 28.36)                     | 20.76               | (17.84 - 24.03)                       | 13.00               | (10.63 - 15.81)                       | 28.49             | (25.54 - 31.63)                     | 26.28             | (23.67 - 29.06)                     |
| New York       | 27.18             | (25.69 - 28.73)                     | 26.53               | (24.56 - 28.61)                       | 13.35               | (11.83 - 15.03)                       | 29.52             | (27.72 - 31.39)                     | 27.24             | (25.65 - 28.88)                     |
| North Carolina | 29.98             | (27.91 - 32.12)                     | 27.42               | (24.46 - 30.58)                       | 16.47               | (14.08 - 19.18)                       | 32.43             | (29.95 - 35.01)                     | 30.24             | (28.03 - 32.54)                     |
| North Dakota   | 23.18             | (21.01 - 25.50)                     | 27.78               | (24.62 - 31.17)                       | 11.06               | (8.89 - 13.69)                        | 25.20             | (22.53 - 28.07)                     | 22.75             | (20.47 - 25.21)                     |
| Ohio           | 24.68             | (23.09 - 26.35)                     | 25.70               | (23.48 - 28.06)                       | 10.53               | (9.02 - 12.26)                        | 26.83             | (24.91 - 28.85)                     | 24.58             | (22.88 - 26.36)                     |
| Oklahoma       | 28.11             | (25.65 - 30.71)                     | 25.44               | (22.01 - 29.21)                       | 14.47               | (11.98 - 17.38)                       | 30.82             | (27.88 - 33.92)                     | 28.40             | (25.81 - 31.15)                     |
| Oregon         | 17.00             | (14.99 - 19.23)                     | 16.94               | (14.29 - 19.96)                       | 7.96                | (6.34 - 9.96)                         | 18.38             | (16.03 - 20.99)                     | 17.01             | (14.91 - 19.34)                     |
| Pennsylvania   | 24.10             | (22.56 - 25.71)                     | 25.24               | (22.95 - 27.69)                       | 11.67               | (10.05 - 13.52)                       | 25.92             | (24.08 - 27.84)                     | 23.99             | (22.36 - 25.71)                     |
| Rhode Island   | 21.01             | (18.75 - 23.46)                     | 22.26               | (19.02 - 25.88)                       | 10.00               | (7.98 - 12.46)                        | 22.88             | (20.22 - 25.77)                     | 20.90             | (18.55 - 23.46)                     |
| South Carolina | 29.68             | (27.19 - 32.31)                     | 27.59               | (24.23 - 31.21)                       | 14.69               | (12.25 - 17.52)                       | 32.27             | (29.32 - 35.37)                     | 29.89             | (27.26 - 32.66)                     |
| South Dakota   | 26.48             | (24.09 - 29.02)                     | 27.66               | (24.24 - 31.35)                       | 12.79               | (10.58 - 15.38)                       | 28.68             | (25.80 - 31.74)                     | 26.35             | (23.82 - 29.05)                     |
| Tennessee      | 28.40             | (26.05 - 30.87)                     | 27.15               | (23.82 - 30.76)                       | 13.80               | (11.31 - 16.73)                       | 30.88             | (28.10 - 33.80)                     | 28.52             | (26.05 - 31.13)                     |
| Texas          | 34.66             | (33.27 - 36.07)                     | 30.06               | (27.92 - 32.30)                       | 17.37               | (15.68 - 19.19)                       | 38.44             | (36.73 - 40.18)                     | 35.21             | (33.72 - 36.74)                     |
| Utah           | 28.41             | (26.19 - 30.74)                     | 36.57               | (32.51 - 40.83)                       | 16.27               | (13.32 - 19.72)                       | 29.76             | (27.06 - 32.60)                     | 27.27             | (24.93 - 29.74)                     |
| Vermont        | 15.46             | (13.45 - 17.71)                     | 17.10               | (14.32 - 20.30)                       | 6.83                | (5.21 - 8.92)                         | 16.82             | (14.45 - 19.49)                     | 15.32             | (13.23 - 17.67)                     |
| Virginia       | 25.97             | (24.02 - 28.02)                     | 25.60               | (22.85 - 28.56)                       | 11.73               | (9.80 - 13.98)                        | 28.31             | (25.97 - 30.77)                     | 26.01             | (23.94 - 28.18)                     |
| Washington     | 18.79             | (16.55 - 21.26)                     | 18.89               | (16.11 - 22.02)                       | 9.94                | (7.95 - 12.37)                        | 20.16             | (17.54 - 23.06)                     | 18.78             | (16.43 - 21.38)                     |
| West Virginia  | 25.70             | (23.27 - 28.30)                     | 24.82               | (21.57 - 28.40)                       | 11.51               | (9.39 - 14.04)                        | 27.88             | (25.02 - 30.92)                     | 25.78             | (23.22 - 28.51)                     |
| Wisconsin      | 23.26             | (20.92 - 25.78)                     | 23.98               | (21.03 - 27.21)                       | 10.38               | (8.38 - 12.80)                        | 25.31             | (22.52 - 28.32)                     | 23.19             | (20.72 - 25.86)                     |
| Wyoming        | 25.14             | (22.71 - 27.74)                     | 26.54               | (22.94 - 30.48)                       | 15.53               | (12.79 - 18.73)                       | 26.52             | (23.65 - 29.60)                     | 24.99             | (22.44 - 27.74)                     |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 5 *First Use of Marijuana*, by Age Group and State: Average Annual Initiation Estimates (Expressed as Percentages of the At-Risk Population) Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Total U.S.           | 2.03              | (1.95 - 2.11)                    | 5.22                | (5.01 - 5.45)                      | 7.98                | (7.56 - 8.42)                      | 0.45              | (0.40 - 0.52)                    | 1.48              | (1.40 - 1.57)                    |
| Northeast            | 2.17              | (2.04 - 2.31)                    | 5.34                | (4.98 - 5.73)                      | 9.06                | (8.34 - 9.83)                      | 0.53              | (0.44 - 0.63)                    | 1.65              | (1.52 - 1.79)                    |
| Midwest              | 2.21              | (2.10 - 2.33)                    | 5.51                | (5.17 - 5.87)                      | 8.74                | (8.16 - 9.35)                      | 0.46              | (0.39 - 0.54)                    | 1.62              | (1.51 - 1.74)                    |
| South                | 1.70              | (1.61 - 1.79)                    | 4.75                | (4.48 - 5.03)                      | 6.59                | (6.16 - 7.05)                      | 0.35              | (0.30 - 0.42)                    | 1.20              | (1.11 - 1.29)                    |
| West                 | 2.33              | (2.19 - 2.48)                    | 5.66                | (5.27 - 6.08)                      | 8.89                | (8.18 - 9.66)                      | 0.57              | (0.48 - 0.68)                    | 1.73              | (1.59 - 1.89)                    |
| Alabama              | 1.55              | (1.33 - 1.81)                    | 3.91                | (3.15 - 4.84)                      | 6.30                | (5.01 - 7.88)                      | 0.35              | (0.25 - 0.48)                    | 1.18              | (0.97 - 1.44)                    |
| Alaska               | 3.22              | (2.75 - 3.77)                    | 7.09                | (5.93 - 8.44)                      | 8.96                | (7.02 - 11.37)                     | 1.05              | (0.73 - 1.52)                    | 2.31              | (1.86 - 2.87)                    |
| Arizona              | 1.87              | (1.59 - 2.19)                    | 4.32                | (3.50 - 5.33)                      | 6.83                | (5.39 - 8.61)                      | 0.53              | (0.38 - 0.72)                    | 1.43              | (1.17 - 1.75)                    |
| Arkansas             | 1.60              | (1.38 - 1.86)                    | 4.61                | (3.81 - 5.56)                      | 5.62                | (4.43 - 7.10)                      | 0.33              | (0.24 - 0.45)                    | 1.10              | (0.90 - 1.35)                    |
| California           | 2.12              | (1.94 - 2.33)                    | 5.60                | (5.03 - 6.24)                      | 8.43                | (7.40 - 9.59)                      | 0.45              | (0.34 - 0.59)                    | 1.54              | (1.36 - 1.75)                    |
| Colorado             | 3.99              | (3.41 - 4.67)                    | 7.89                | (6.58 - 9.44)                      | 15.56               | (12.37 - 19.39)                    | 1.09              | (0.76 - 1.57)                    | 3.14              | (2.55 - 3.86)                    |
| Connecticut          | 2.72              | (2.35 - 3.15)                    | 6.65                | (5.52 - 7.99)                      | 10.92               | (8.78 - 13.51)                     | 0.70              | (0.50 - 0.97)                    | 1.99              | (1.65 - 2.41)                    |
| Delaware             | 2.05              | (1.76 - 2.38)                    | 5.66                | (4.66 - 6.87)                      | 8.22                | (6.54 - 10.28)                     | 0.49              | (0.36 - 0.67)                    | 1.46              | (1.20 - 1.76)                    |
| District of Columbia | 3.99              | (3.36 - 4.72)                    | 7.35                | (6.14 - 8.77)                      | 14.57               | (11.69 - 18.02)                    | 1.36              | (0.93 - 2.01)                    | 3.54              | (2.89 - 4.33)                    |
| Florida              | 1.69              | (1.53 - 1.86)                    | 5.70                | (5.07 - 6.39)                      | 7.73                | (6.67 - 8.93)                      | 0.37              | (0.28 - 0.49)                    | 1.15              | (1.01 - 1.32)                    |
| Georgia              | 1.67              | (1.47 - 1.90)                    | 4.47                | (3.76 - 5.30)                      | 6.33                | (5.24 - 7.63)                      | 0.33              | (0.25 - 0.44)                    | 1.18              | (1.00 - 1.39)                    |
| Hawaii               | 1.93              | (1.65 - 2.25)                    | 5.87                | (4.81 - 7.15)                      | 8.87                | (7.07 - 11.07)                     | 0.44              | (0.29 - 0.66)                    | 1.36              | (1.11 - 1.67)                    |
| Idaho                | 2.01              | (1.73 - 2.33)                    | 4.68                | (3.83 - 5.71)                      | 7.18                | (5.77 - 8.90)                      | 0.42              | (0.31 - 0.58)                    | 1.46              | (1.21 - 1.75)                    |
| Illinois             | 2.10              | (1.89 - 2.33)                    | 5.84                | (5.10 - 6.69)                      | 8.45                | (7.23 - 9.85)                      | 0.41              | (0.32 - 0.54)                    | 1.47              | (1.27 - 1.69)                    |
| Indiana              | 2.43              | (2.09 - 2.82)                    | 6.03                | (5.00 - 7.26)                      | 8.83                | (7.06 - 11.00)                     | 0.48              | (0.36 - 0.65)                    | 1.73              | (1.43 - 2.10)                    |
| Iowa                 | 1.92              | (1.65 - 2.23)                    | 4.05                | (3.30 - 4.97)                      | 8.43                | (6.86 - 10.33)                     | 0.40              | (0.29 - 0.55)                    | 1.56              | (1.29 - 1.87)                    |
| Kansas               | 2.06              | (1.78 - 2.39)                    | 4.98                | (4.10 - 6.04)                      | 7.63                | (6.15 - 9.42)                      | 0.49              | (0.36 - 0.66)                    | 1.54              | (1.28 - 1.84)                    |
| Kentucky             | 1.85              | (1.58 - 2.16)                    | 5.16                | (4.26 - 6.24)                      | 6.74                | (5.41 - 8.37)                      | 0.38              | (0.27 - 0.54)                    | 1.29              | (1.06 - 1.57)                    |
| Louisiana            | 1.58              | (1.35 - 1.85)                    | 4.53                | (3.72 - 5.52)                      | 5.81                | (4.57 - 7.36)                      | 0.33              | (0.24 - 0.45)                    | 1.08              | (0.88 - 1.33)                    |
| Maine                | 2.53              | (2.17 - 2.94)                    | 6.24                | (5.21 - 7.45)                      | 10.62               | (8.48 - 13.22)                     | 0.70              | (0.48 - 1.02)                    | 1.87              | (1.53 - 2.28)                    |
| Maryland             | 2.15              | (1.85 - 2.49)                    | 5.88                | (4.86 - 7.10)                      | 8.99                | (7.16 - 11.24)                     | 0.51              | (0.37 - 0.69)                    | 1.52              | (1.25 - 1.84)                    |
| Massachusetts        | 3.42              | (2.94 - 3.98)                    | 7.88                | (6.60 - 9.39)                      | 13.10               | (10.43 - 16.34)                    | 0.87              | (0.62 - 1.21)                    | 2.60              | (2.13 - 3.16)                    |
| Michigan             | 2.46              | (2.21 - 2.74)                    | 6.02                | (5.28 - 6.86)                      | 8.91                | (7.63 - 10.37)                     | 0.58              | (0.45 - 0.76)                    | 1.80              | (1.56 - 2.08)                    |
| Minnesota            | 2.45              | (2.13 - 2.82)                    | 5.67                | (4.72 - 6.79)                      | 10.12               | (8.25 - 12.36)                     | 0.52              | (0.39 - 0.69)                    | 1.85              | (1.55 - 2.20)                    |
| Mississippi          | 1.76              | (1.51 - 2.06)                    | 4.84                | (3.98 - 5.87)                      | 6.83                | (5.43 - 8.54)                      | 0.27              | (0.19 - 0.38)                    | 1.24              | (1.01 - 1.51)                    |
| Missouri             | 2.21              | (1.89 - 2.58)                    | 4.93                | (4.06 - 5.97)                      | 8.95                | (7.19 - 11.09)                     | 0.47              | (0.34 - 0.64)                    | 1.72              | (1.41 - 2.10)                    |
| Montana              | 2.78              | (2.39 - 3.22)                    | 6.53                | (5.41 - 7.87)                      | 10.95               | (8.87 - 13.44)                     | 0.67              | (0.49 - 0.93)                    | 2.09              | (1.74 - 2.52)                    |

See notes at end of table.

(continued)

**Table 5 *First Use of Marijuana*, by Age Group and State: Average Annual Initiation Estimates (Expressed as Percentages of the At-Risk Population) Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Nebraska       | 2.27              | (1.96 - 2.63)                    | 5.20                | (4.29 - 6.28)                      | 9.72                | (7.83 - 12.00)                     | 0.39              | (0.28 - 0.54)                    | 1.73              | (1.43 - 2.10)                    |
| Nevada         | 2.21              | (1.90 - 2.57)                    | 6.31                | (5.25 - 7.55)                      | 8.52                | (6.71 - 10.77)                     | 0.55              | (0.40 - 0.75)                    | 1.50              | (1.22 - 1.83)                    |
| New Hampshire  | 2.83              | (2.42 - 3.29)                    | 6.37                | (5.35 - 7.58)                      | 11.37               | (9.14 - 14.05)                     | 0.57              | (0.40 - 0.80)                    | 2.13              | (1.75 - 2.59)                    |
| New Jersey     | 1.78              | (1.55 - 2.05)                    | 4.23                | (3.49 - 5.11)                      | 8.54                | (6.98 - 10.42)                     | 0.39              | (0.29 - 0.54)                    | 1.38              | (1.16 - 1.64)                    |
| New Mexico     | 2.80              | (2.39 - 3.27)                    | 7.54                | (6.26 - 9.07)                      | 9.54                | (7.56 - 11.98)                     | 0.72              | (0.49 - 1.04)                    | 1.90              | (1.54 - 2.34)                    |
| New York       | 2.02              | (1.83 - 2.24)                    | 5.21                | (4.61 - 5.89)                      | 8.16                | (7.07 - 9.40)                      | 0.51              | (0.40 - 0.65)                    | 1.53              | (1.34 - 1.75)                    |
| North Carolina | 1.81              | (1.60 - 2.06)                    | 4.93                | (4.18 - 5.81)                      | 6.90                | (5.66 - 8.39)                      | 0.41              | (0.31 - 0.54)                    | 1.30              | (1.09 - 1.54)                    |
| North Dakota   | 1.89              | (1.61 - 2.23)                    | 3.79                | (3.07 - 4.68)                      | 7.46                | (5.96 - 9.30)                      | 0.42              | (0.30 - 0.61)                    | 1.61              | (1.32 - 1.97)                    |
| Ohio           | 2.10              | (1.89 - 2.33)                    | 5.37                | (4.71 - 6.12)                      | 8.80                | (7.57 - 10.20)                     | 0.39              | (0.29 - 0.51)                    | 1.51              | (1.31 - 1.73)                    |
| Oklahoma       | 1.88              | (1.61 - 2.19)                    | 4.66                | (3.80 - 5.71)                      | 6.64                | (5.25 - 8.36)                      | 0.47              | (0.34 - 0.65)                    | 1.37              | (1.13 - 1.67)                    |
| Oregon         | 3.18              | (2.73 - 3.70)                    | 6.85                | (5.73 - 8.17)                      | 12.36               | (10.02 - 15.16)                    | 0.87              | (0.61 - 1.24)                    | 2.45              | (2.01 - 2.98)                    |
| Pennsylvania   | 1.83              | (1.63 - 2.05)                    | 4.39                | (3.79 - 5.09)                      | 7.99                | (6.82 - 9.34)                      | 0.41              | (0.31 - 0.54)                    | 1.40              | (1.21 - 1.62)                    |
| Rhode Island   | 2.79              | (2.40 - 3.25)                    | 6.51                | (5.43 - 7.79)                      | 10.10               | (8.09 - 12.56)                     | 0.81              | (0.58 - 1.14)                    | 2.17              | (1.78 - 2.63)                    |
| South Carolina | 1.64              | (1.41 - 1.90)                    | 4.55                | (3.74 - 5.54)                      | 6.85                | (5.49 - 8.53)                      | 0.35              | (0.26 - 0.48)                    | 1.18              | (0.98 - 1.43)                    |
| South Dakota   | 1.84              | (1.57 - 2.15)                    | 4.65                | (3.78 - 5.70)                      | 7.02                | (5.57 - 8.81)                      | 0.42              | (0.29 - 0.61)                    | 1.37              | (1.12 - 1.68)                    |
| Tennessee      | 1.68              | (1.44 - 1.96)                    | 4.77                | (3.95 - 5.75)                      | 6.37                | (5.00 - 8.09)                      | 0.31              | (0.23 - 0.43)                    | 1.16              | (0.94 - 1.42)                    |
| Texas          | 1.54              | (1.39 - 1.72)                    | 4.21                | (3.67 - 4.81)                      | 5.56                | (4.77 - 6.48)                      | 0.27              | (0.20 - 0.35)                    | 1.06              | (0.92 - 1.23)                    |
| Utah           | 1.70              | (1.43 - 2.02)                    | 3.19                | (2.51 - 4.06)                      | 6.10                | (4.76 - 7.78)                      | 0.36              | (0.24 - 0.55)                    | 1.40              | (1.12 - 1.74)                    |
| Vermont        | 3.35              | (2.84 - 3.95)                    | 7.25                | (6.06 - 8.65)                      | 12.14               | (9.53 - 15.35)                     | 0.88              | (0.61 - 1.28)                    | 2.60              | (2.09 - 3.21)                    |
| Virginia       | 1.82              | (1.59 - 2.07)                    | 4.52                | (3.79 - 5.37)                      | 7.06                | (5.86 - 8.49)                      | 0.41              | (0.31 - 0.54)                    | 1.35              | (1.15 - 1.59)                    |
| Washington     | 2.91              | (2.48 - 3.41)                    | 5.81                | (4.80 - 7.02)                      | 10.30               | (8.24 - 12.80)                     | 1.02              | (0.74 - 1.41)                    | 2.36              | (1.93 - 2.88)                    |
| West Virginia  | 1.52              | (1.29 - 1.79)                    | 4.61                | (3.76 - 5.64)                      | 5.95                | (4.66 - 7.57)                      | 0.33              | (0.23 - 0.48)                    | 1.05              | (0.84 - 1.30)                    |
| Wisconsin      | 2.16              | (1.86 - 2.51)                    | 5.56                | (4.61 - 6.69)                      | 8.34                | (6.65 - 10.41)                     | 0.50              | (0.36 - 0.70)                    | 1.57              | (1.29 - 1.90)                    |
| Wyoming        | 1.87              | (1.58 - 2.20)                    | 4.45                | (3.59 - 5.50)                      | 7.28                | (5.81 - 9.10)                      | 0.50              | (0.34 - 0.73)                    | 1.42              | (1.16 - 1.74)                    |

NOTE: Average annual initiation of marijuana (%) =  $100 * \{[X_1 \div (0.5 * X_1 + X_2)] \div 2\}$ , where  $X_1$  is the number of marijuana initiates in the past 24 months and  $X_2$  is the number of individuals who never used marijuana (with the at-risk population defined as  $0.5 * X_1 + X_2$ ). Both of the computation components,  $X_1$  and  $X_2$ , are based on a survey-weighted hierarchical Bayes estimation approach. The age group shown is based on a respondent's age at the time of the interview, not his or her age at first use. For details, see Section B of the "2016-2017 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

NOTE: The state and census region Bayesian confidence (credible) intervals presented above use a simultaneous solution for the First Use of Marijuana and Never Used Marijuana outcomes, which had age group-specific random effects that were allowed to be correlated across the two outcomes. The associated Markov Chain Monte Carlo chains were used to calculate the posterior variance. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.



**Table 6 *Illicit Drug Use Other Than Marijuana in the Past Month*, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Total U.S.           | 3.38              | (3.23 - 3.52)                    | 2.43                | (2.24 - 2.64)                      | 7.07                | (6.71 - 7.46)                      | 2.88              | (2.72 - 3.05)                    | 3.47              | (3.32 - 3.63)                    |
| Northeast            | 3.41              | (3.13 - 3.71)                    | 2.05                | (1.74 - 2.42)                      | 7.74                | (7.03 - 8.52)                      | 2.86              | (2.54 - 3.22)                    | 3.53              | (3.23 - 3.86)                    |
| Midwest              | 3.28              | (3.06 - 3.51)                    | 2.41                | (2.13 - 2.73)                      | 7.21                | (6.62 - 7.84)                      | 2.73              | (2.48 - 3.01)                    | 3.37              | (3.13 - 3.62)                    |
| South                | 3.17              | (2.98 - 3.38)                    | 2.53                | (2.25 - 2.83)                      | 6.63                | (6.13 - 7.16)                      | 2.70              | (2.47 - 2.94)                    | 3.24              | (3.04 - 3.46)                    |
| West                 | 3.76              | (3.48 - 4.06)                    | 2.55                | (2.22 - 2.93)                      | 7.16                | (6.46 - 7.92)                      | 3.34              | (3.01 - 3.71)                    | 3.88              | (3.58 - 4.21)                    |
| Alabama              | 3.43              | (2.78 - 4.24)                    | 2.71                | (1.88 - 3.91)                      | 6.85                | (5.23 - 8.93)                      | 2.96              | (2.26 - 3.89)                    | 3.51              | (2.81 - 4.37)                    |
| Alaska               | 3.54              | (2.85 - 4.38)                    | 2.42                | (1.68 - 3.46)                      | 7.17                | (5.37 - 9.51)                      | 3.08              | (2.33 - 4.05)                    | 3.66              | (2.93 - 4.58)                    |
| Arizona              | 3.46              | (2.73 - 4.37)                    | 2.31                | (1.61 - 3.32)                      | 5.89                | (4.28 - 8.06)                      | 3.19              | (2.39 - 4.26)                    | 3.58              | (2.80 - 4.56)                    |
| Arkansas             | 3.66              | (2.91 - 4.59)                    | 3.14                | (2.22 - 4.41)                      | 6.40                | (4.71 - 8.64)                      | 3.27              | (2.44 - 4.36)                    | 3.71              | (2.92 - 4.71)                    |
| California           | 3.82              | (3.40 - 4.30)                    | 2.46                | (1.98 - 3.07)                      | 7.00                | (5.96 - 8.21)                      | 3.45              | (2.95 - 4.02)                    | 3.96              | (3.50 - 4.48)                    |
| Colorado             | 3.93              | (3.20 - 4.82)                    | 2.63                | (1.84 - 3.75)                      | 9.03                | (6.88 - 11.76)                     | 3.25              | (2.50 - 4.22)                    | 4.06              | (3.28 - 5.02)                    |
| Connecticut          | 3.73              | (3.00 - 4.62)                    | 2.27                | (1.56 - 3.28)                      | 9.26                | (7.15 - 11.92)                     | 3.00              | (2.24 - 4.00)                    | 3.87              | (3.10 - 4.83)                    |
| Delaware             | 3.41              | (2.74 - 4.24)                    | 2.31                | (1.58 - 3.37)                      | 6.61                | (4.97 - 8.74)                      | 3.05              | (2.32 - 4.00)                    | 3.51              | (2.80 - 4.40)                    |
| District of Columbia | 5.36              | (4.33 - 6.61)                    | 3.23                | (2.16 - 4.81)                      | 9.57                | (7.25 - 12.53)                     | 4.68              | (3.56 - 6.12)                    | 5.48              | (4.41 - 6.78)                    |
| Florida              | 3.18              | (2.74 - 3.68)                    | 2.54                | (1.98 - 3.25)                      | 6.34                | (5.25 - 7.65)                      | 2.81              | (2.32 - 3.39)                    | 3.23              | (2.77 - 3.77)                    |
| Georgia              | 3.08              | (2.55 - 3.71)                    | 2.27                | (1.63 - 3.14)                      | 5.52                | (4.29 - 7.07)                      | 2.77              | (2.18 - 3.52)                    | 3.17              | (2.60 - 3.85)                    |
| Hawaii               | 2.67              | (2.12 - 3.37)                    | 2.50                | (1.69 - 3.69)                      | 6.17                | (4.51 - 8.40)                      | 2.21              | (1.64 - 2.97)                    | 2.69              | (2.11 - 3.42)                    |
| Idaho                | 2.99              | (2.40 - 3.73)                    | 2.59                | (1.81 - 3.68)                      | 5.99                | (4.40 - 8.09)                      | 2.55              | (1.92 - 3.38)                    | 3.04              | (2.41 - 3.83)                    |
| Illinois             | 3.19              | (2.72 - 3.75)                    | 2.40                | (1.79 - 3.21)                      | 9.19                | (7.58 - 11.10)                     | 2.32              | (1.81 - 2.97)                    | 3.27              | (2.77 - 3.87)                    |
| Indiana              | 3.76              | (3.06 - 4.61)                    | 2.34                | (1.63 - 3.35)                      | 8.07                | (6.17 - 10.48)                     | 3.19              | (2.44 - 4.15)                    | 3.91              | (3.16 - 4.83)                    |
| Iowa                 | 3.02              | (2.44 - 3.75)                    | 2.25                | (1.57 - 3.22)                      | 6.58                | (4.99 - 8.63)                      | 2.48              | (1.86 - 3.31)                    | 3.10              | (2.48 - 3.88)                    |
| Kansas               | 2.90              | (2.29 - 3.66)                    | 2.33                | (1.60 - 3.37)                      | 5.15                | (3.70 - 7.12)                      | 2.57              | (1.91 - 3.47)                    | 2.96              | (2.32 - 3.78)                    |
| Kentucky             | 2.96              | (2.35 - 3.72)                    | 2.30                | (1.61 - 3.27)                      | 5.64                | (4.18 - 7.57)                      | 2.60              | (1.95 - 3.47)                    | 3.03              | (2.38 - 3.84)                    |
| Louisiana            | 3.48              | (2.79 - 4.34)                    | 2.61                | (1.87 - 3.64)                      | 6.87                | (5.12 - 9.17)                      | 3.03              | (2.29 - 3.99)                    | 3.57              | (2.83 - 4.50)                    |
| Maine                | 2.97              | (2.38 - 3.68)                    | 2.14                | (1.46 - 3.11)                      | 7.40                | (5.63 - 9.68)                      | 2.45              | (1.84 - 3.26)                    | 3.04              | (2.42 - 3.80)                    |
| Maryland             | 3.35              | (2.72 - 4.13)                    | 2.54                | (1.79 - 3.59)                      | 8.06                | (6.14 - 10.52)                     | 2.72              | (2.07 - 3.58)                    | 3.43              | (2.76 - 4.26)                    |
| Massachusetts        | 4.26              | (3.45 - 5.26)                    | 2.29                | (1.60 - 3.28)                      | 9.19                | (7.12 - 11.78)                     | 3.62              | (2.75 - 4.76)                    | 4.44              | (3.57 - 5.51)                    |
| Michigan             | 3.68              | (3.16 - 4.29)                    | 2.58                | (1.95 - 3.40)                      | 7.23                | (5.98 - 8.72)                      | 3.22              | (2.63 - 3.94)                    | 3.80              | (3.24 - 4.45)                    |
| Minnesota            | 3.17              | (2.58 - 3.88)                    | 2.58                | (1.82 - 3.64)                      | 7.46                | (5.66 - 9.77)                      | 2.56              | (1.95 - 3.34)                    | 3.23              | (2.60 - 3.99)                    |
| Mississippi          | 3.35              | (2.71 - 4.12)                    | 2.89                | (2.06 - 4.05)                      | 6.32                | (4.68 - 8.49)                      | 2.89              | (2.20 - 3.78)                    | 3.40              | (2.73 - 4.22)                    |
| Missouri             | 3.32              | (2.63 - 4.18)                    | 3.07                | (2.11 - 4.46)                      | 5.52                | (4.02 - 7.54)                      | 2.99              | (2.23 - 4.00)                    | 3.34              | (2.62 - 4.26)                    |
| Montana              | 3.59              | (2.93 - 4.38)                    | 2.92                | (2.08 - 4.09)                      | 7.76                | (5.88 - 10.18)                     | 2.99              | (2.31 - 3.87)                    | 3.65              | (2.96 - 4.50)                    |

See notes at end of table.

(continued)

**Table 6 *Illicit Drug Use Other Than Marijuana in the Past Month*, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 2.87              | (2.28 - 3.60)                       | 2.24                | (1.55 - 3.23)                         | 6.34                | (4.71 - 8.48)                         | 2.33              | (1.70 - 3.18)                       | 2.93              | (2.30 - 3.73)                       |
| Nevada         | 3.89              | (3.14 - 4.80)                       | 3.35                | (2.38 - 4.69)                         | 7.58                | (5.70 - 10.00)                        | 3.41              | (2.60 - 4.47)                       | 3.94              | (3.15 - 4.92)                       |
| New Hampshire  | 3.66              | (3.00 - 4.46)                       | 2.63                | (1.88 - 3.67)                         | 10.37               | (8.07 - 13.22)                        | 2.73              | (2.06 - 3.61)                       | 3.76              | (3.05 - 4.61)                       |
| New Jersey     | 2.74              | (2.23 - 3.36)                       | 1.92                | (1.32 - 2.78)                         | 6.68                | (5.15 - 8.63)                         | 2.25              | (1.72 - 2.94)                       | 2.82              | (2.28 - 3.49)                       |
| New Mexico     | 3.68              | (2.97 - 4.57)                       | 2.56                | (1.77 - 3.68)                         | 8.09                | (6.15 - 10.57)                        | 3.10              | (2.33 - 4.11)                       | 3.80              | (3.04 - 4.75)                       |
| New York       | 3.30              | (2.85 - 3.83)                       | 1.91                | (1.43 - 2.53)                         | 6.89                | (5.75 - 8.23)                         | 2.87              | (2.36 - 3.47)                       | 3.43              | (2.95 - 3.99)                       |
| North Carolina | 3.28              | (2.72 - 3.94)                       | 2.52                | (1.83 - 3.46)                         | 6.87                | (5.38 - 8.73)                         | 2.80              | (2.21 - 3.55)                       | 3.36              | (2.77 - 4.06)                       |
| North Dakota   | 2.97              | (2.34 - 3.76)                       | 2.31                | (1.60 - 3.32)                         | 5.92                | (4.30 - 8.10)                         | 2.43              | (1.78 - 3.31)                       | 3.03              | (2.36 - 3.88)                       |
| Ohio           | 3.16              | (2.70 - 3.70)                       | 2.14                | (1.63 - 2.81)                         | 6.56                | (5.38 - 7.99)                         | 2.74              | (2.23 - 3.37)                       | 3.27              | (2.77 - 3.85)                       |
| Oklahoma       | 3.22              | (2.62 - 3.95)                       | 2.43                | (1.70 - 3.46)                         | 8.24                | (6.29 - 10.71)                        | 2.45              | (1.85 - 3.25)                       | 3.30              | (2.66 - 4.09)                       |
| Oregon         | 4.55              | (3.74 - 5.52)                       | 3.21                | (2.26 - 4.54)                         | 9.76                | (7.64 - 12.40)                        | 3.91              | (3.06 - 4.99)                       | 4.67              | (3.82 - 5.71)                       |
| Pennsylvania   | 3.36              | (2.85 - 3.94)                       | 2.02                | (1.50 - 2.72)                         | 7.79                | (6.44 - 9.39)                         | 2.81              | (2.25 - 3.50)                       | 3.48              | (2.94 - 4.11)                       |
| Rhode Island   | 4.31              | (3.50 - 5.30)                       | 2.84                | (1.96 - 4.09)                         | 8.90                | (6.74 - 11.66)                        | 3.64              | (2.78 - 4.76)                       | 4.44              | (3.58 - 5.50)                       |
| South Carolina | 3.73              | (3.02 - 4.60)                       | 3.38                | (2.41 - 4.72)                         | 8.18                | (6.32 - 10.53)                        | 3.07              | (2.32 - 4.05)                       | 3.76              | (3.01 - 4.68)                       |
| South Dakota   | 3.19              | (2.53 - 4.01)                       | 3.00                | (2.10 - 4.27)                         | 6.51                | (4.79 - 8.79)                         | 2.65              | (1.94 - 3.59)                       | 3.21              | (2.51 - 4.09)                       |
| Tennessee      | 3.48              | (2.83 - 4.25)                       | 2.60                | (1.82 - 3.70)                         | 7.79                | (5.89 - 10.24)                        | 2.89              | (2.22 - 3.76)                       | 3.56              | (2.88 - 4.40)                       |
| Texas          | 2.81              | (2.43 - 3.26)                       | 2.47                | (1.90 - 3.20)                         | 6.12                | (5.06 - 7.39)                         | 2.27              | (1.85 - 2.78)                       | 2.86              | (2.44 - 3.34)                       |
| Utah           | 3.09              | (2.50 - 3.81)                       | 2.20                | (1.53 - 3.16)                         | 5.78                | (4.25 - 7.81)                         | 2.64              | (2.01 - 3.46)                       | 3.21              | (2.58 - 4.00)                       |
| Vermont        | 4.71              | (3.85 - 5.76)                       | 2.40                | (1.57 - 3.65)                         | 14.55               | (11.22 - 18.65)                       | 3.23              | (2.40 - 4.33)                       | 4.91              | (3.99 - 6.03)                       |
| Virginia       | 3.01              | (2.51 - 3.61)                       | 2.27                | (1.64 - 3.14)                         | 6.77                | (5.38 - 8.47)                         | 2.50              | (1.95 - 3.18)                       | 3.09              | (2.55 - 3.73)                       |
| Washington     | 3.86              | (3.13 - 4.74)                       | 2.71                | (1.92 - 3.80)                         | 7.21                | (5.53 - 9.35)                         | 3.47              | (2.66 - 4.50)                       | 3.97              | (3.20 - 4.91)                       |
| West Virginia  | 2.94              | (2.36 - 3.66)                       | 1.89                | (1.28 - 2.78)                         | 6.30                | (4.70 - 8.39)                         | 2.56              | (1.94 - 3.37)                       | 3.04              | (2.42 - 3.80)                       |
| Wisconsin      | 3.00              | (2.40 - 3.74)                       | 2.06                | (1.42 - 2.98)                         | 6.64                | (4.98 - 8.80)                         | 2.51              | (1.89 - 3.34)                       | 3.10              | (2.46 - 3.89)                       |
| Wyoming        | 2.87              | (2.28 - 3.62)                       | 2.03                | (1.39 - 2.97)                         | 5.49                | (4.00 - 7.48)                         | 2.56              | (1.92 - 3.40)                       | 2.96              | (2.33 - 3.76)                       |

NOTE: Illicit Drug Use Other Than Marijuana Use includes the misuse of prescription psychotherapeutics or the use of cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine. Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 7 Cocaine Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 2.03              | (1.93 - 2.14)                       | 0.53                | (0.44 - 0.63)                         | 5.88                | (5.51 - 6.26)                         | 1.59              | (1.48 - 1.70)                       | 2.19              | (2.08 - 2.30)                       |
| Northeast            | 2.34              | (2.12 - 2.59)                       | 0.53                | (0.42 - 0.67)                         | 6.69                | (5.97 - 7.48)                         | 1.85              | (1.61 - 2.12)                       | 2.51              | (2.27 - 2.78)                       |
| Midwest              | 1.77              | (1.61 - 1.94)                       | 0.51                | (0.40 - 0.65)                         | 5.22                | (4.67 - 5.83)                         | 1.34              | (1.18 - 1.53)                       | 1.90              | (1.73 - 2.08)                       |
| South                | 1.75              | (1.62 - 1.89)                       | 0.42                | (0.33 - 0.54)                         | 4.99                | (4.52 - 5.50)                         | 1.39              | (1.24 - 1.55)                       | 1.89              | (1.74 - 2.04)                       |
| West                 | 2.49              | (2.27 - 2.74)                       | 0.71                | (0.54 - 0.93)                         | 7.24                | (6.47 - 8.09)                         | 1.92              | (1.67 - 2.19)                       | 2.67              | (2.43 - 2.94)                       |
| Alabama              | 1.62              | (1.19 - 2.21)                       | 0.36                | (0.21 - 0.60)                         | 3.84                | (2.68 - 5.45)                         | 1.41              | (0.98 - 2.04)                       | 1.75              | (1.28 - 2.39)                       |
| Alaska               | 2.32              | (1.76 - 3.05)                       | 0.71                | (0.44 - 1.13)                         | 5.76                | (4.17 - 7.90)                         | 1.95              | (1.39 - 2.74)                       | 2.50              | (1.89 - 3.30)                       |
| Arizona              | 2.11              | (1.57 - 2.84)                       | 0.66                | (0.41 - 1.04)                         | 5.85                | (4.20 - 8.08)                         | 1.67              | (1.15 - 2.42)                       | 2.27              | (1.67 - 3.06)                       |
| Arkansas             | 1.48              | (1.07 - 2.04)                       | 0.51                | (0.32 - 0.82)                         | 3.75                | (2.62 - 5.35)                         | 1.23              | (0.83 - 1.81)                       | 1.58              | (1.14 - 2.19)                       |
| California           | 2.71              | (2.37 - 3.09)                       | 0.69                | (0.47 - 0.99)                         | 7.99                | (6.79 - 9.38)                         | 2.05              | (1.70 - 2.48)                       | 2.91              | (2.55 - 3.33)                       |
| Colorado             | 2.68              | (2.07 - 3.47)                       | 0.79                | (0.50 - 1.25)                         | 8.32                | (6.32 - 10.88)                        | 1.98              | (1.40 - 2.80)                       | 2.87              | (2.21 - 3.73)                       |
| Connecticut          | 2.74              | (2.10 - 3.58)                       | 0.60                | (0.38 - 0.96)                         | 8.36                | (6.32 - 10.99)                        | 2.08              | (1.45 - 2.96)                       | 2.95              | (2.25 - 3.86)                       |
| Delaware             | 2.02              | (1.51 - 2.71)                       | 0.37                | (0.22 - 0.61)                         | 6.20                | (4.51 - 8.46)                         | 1.58              | (1.09 - 2.29)                       | 2.18              | (1.62 - 2.92)                       |
| District of Columbia | 4.34              | (3.34 - 5.60)                       | 0.22                | (0.11 - 0.44)                         | 7.00                | (5.17 - 9.40)                         | 4.10              | (3.01 - 5.55)                       | 4.57              | (3.52 - 5.90)                       |
| Florida              | 1.96              | (1.64 - 2.33)                       | 0.45                | (0.30 - 0.66)                         | 6.22                | (5.13 - 7.52)                         | 1.52              | (1.20 - 1.91)                       | 2.09              | (1.75 - 2.49)                       |
| Georgia              | 1.74              | (1.34 - 2.24)                       | 0.34                | (0.21 - 0.53)                         | 4.45                | (3.35 - 5.90)                         | 1.46              | (1.06 - 2.02)                       | 1.89              | (1.46 - 2.45)                       |
| Hawaii               | 1.88              | (1.37 - 2.56)                       | 0.58                | (0.30 - 1.12)                         | 5.22                | (3.73 - 7.26)                         | 1.55              | (1.05 - 2.28)                       | 1.99              | (1.45 - 2.73)                       |
| Idaho                | 1.37              | (0.98 - 1.90)                       | 0.66                | (0.38 - 1.12)                         | 4.24                | (2.94 - 6.07)                         | 0.99              | (0.63 - 1.55)                       | 1.45              | (1.03 - 2.04)                       |
| Illinois             | 1.94              | (1.58 - 2.39)                       | 0.48                | (0.33 - 0.70)                         | 5.84                | (4.65 - 7.30)                         | 1.49              | (1.13 - 1.96)                       | 2.09              | (1.70 - 2.58)                       |
| Indiana              | 1.90              | (1.44 - 2.50)                       | 0.55                | (0.35 - 0.86)                         | 5.72                | (4.19 - 7.77)                         | 1.41              | (0.98 - 2.02)                       | 2.05              | (1.55 - 2.71)                       |
| Iowa                 | 1.43              | (1.05 - 1.95)                       | 0.55                | (0.33 - 0.90)                         | 4.53                | (3.19 - 6.38)                         | 0.99              | (0.66 - 1.49)                       | 1.52              | (1.11 - 2.09)                       |
| Kansas               | 1.58              | (1.16 - 2.15)                       | 0.55                | (0.35 - 0.87)                         | 4.89                | (3.45 - 6.89)                         | 1.13              | (0.76 - 1.67)                       | 1.70              | (1.24 - 2.31)                       |
| Kentucky             | 1.60              | (1.17 - 2.18)                       | 0.54                | (0.34 - 0.85)                         | 4.74                | (3.37 - 6.63)                         | 1.21              | (0.81 - 1.80)                       | 1.70              | (1.24 - 2.34)                       |
| Louisiana            | 1.43              | (1.02 - 1.99)                       | 0.28                | (0.16 - 0.49)                         | 3.69                | (2.55 - 5.31)                         | 1.19              | (0.80 - 1.78)                       | 1.55              | (1.11 - 2.16)                       |
| Maine                | 1.86              | (1.40 - 2.48)                       | 0.70                | (0.44 - 1.11)                         | 6.62                | (4.97 - 8.77)                         | 1.33              | (0.91 - 1.95)                       | 1.96              | (1.46 - 2.62)                       |
| Maryland             | 2.11              | (1.60 - 2.78)                       | 0.35                | (0.21 - 0.57)                         | 6.20                | (4.56 - 8.38)                         | 1.69              | (1.20 - 2.37)                       | 2.29              | (1.73 - 3.01)                       |
| Massachusetts        | 3.05              | (2.38 - 3.91)                       | 0.64                | (0.41 - 0.98)                         | 9.35                | (7.08 - 12.24)                        | 2.22              | (1.61 - 3.06)                       | 3.27              | (2.54 - 4.19)                       |
| Michigan             | 1.70              | (1.38 - 2.09)                       | 0.44                | (0.30 - 0.66)                         | 4.75                | (3.75 - 6.00)                         | 1.33              | (1.01 - 1.76)                       | 1.82              | (1.47 - 2.26)                       |
| Minnesota            | 1.70              | (1.29 - 2.25)                       | 0.57                | (0.36 - 0.89)                         | 4.79                | (3.44 - 6.62)                         | 1.35              | (0.95 - 1.91)                       | 1.82              | (1.37 - 2.42)                       |
| Mississippi          | 1.29              | (0.91 - 1.83)                       | 0.24                | (0.13 - 0.46)                         | 2.90                | (1.96 - 4.28)                         | 1.15              | (0.75 - 1.75)                       | 1.41              | (0.99 - 2.00)                       |
| Missouri             | 1.59              | (1.18 - 2.14)                       | 0.47                | (0.29 - 0.76)                         | 4.44                | (3.12 - 6.26)                         | 1.26              | (0.87 - 1.82)                       | 1.71              | (1.26 - 2.31)                       |
| Montana              | 1.91              | (1.44 - 2.52)                       | 0.89                | (0.55 - 1.43)                         | 5.81                | (4.21 - 7.97)                         | 1.39              | (0.98 - 1.98)                       | 2.00              | (1.50 - 2.66)                       |

See notes at end of table.

(continued)

**Table 7 Cocaine Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 1.68              | (1.26 - 2.23)                       | 0.60                | (0.38 - 0.95)                         | 5.65                | (4.18 - 7.62)                         | 1.11              | (0.74 - 1.66)                       | 1.80              | (1.34 - 2.40)                       |
| Nevada         | 2.33              | (1.74 - 3.11)                       | 0.62                | (0.39 - 0.98)                         | 5.83                | (4.25 - 7.95)                         | 2.02              | (1.41 - 2.88)                       | 2.50              | (1.86 - 3.36)                       |
| New Hampshire  | 2.20              | (1.71 - 2.82)                       | 0.89                | (0.58 - 1.37)                         | 8.81                | (6.70 - 11.51)                        | 1.32              | (0.91 - 1.90)                       | 2.32              | (1.80 - 2.99)                       |
| New Jersey     | 1.87              | (1.46 - 2.39)                       | 0.49                | (0.31 - 0.77)                         | 6.48                | (4.91 - 8.49)                         | 1.34              | (0.97 - 1.86)                       | 2.01              | (1.56 - 2.58)                       |
| New Mexico     | 2.02              | (1.51 - 2.69)                       | 0.74                | (0.45 - 1.21)                         | 5.58                | (3.99 - 7.76)                         | 1.59              | (1.10 - 2.29)                       | 2.15              | (1.60 - 2.89)                       |
| New York       | 2.46              | (2.08 - 2.91)                       | 0.44                | (0.30 - 0.65)                         | 5.79                | (4.77 - 7.02)                         | 2.13              | (1.72 - 2.65)                       | 2.65              | (2.23 - 3.13)                       |
| North Carolina | 1.86              | (1.46 - 2.36)                       | 0.40                | (0.26 - 0.63)                         | 5.17                | (3.97 - 6.71)                         | 1.51              | (1.11 - 2.05)                       | 2.01              | (1.58 - 2.55)                       |
| North Dakota   | 1.51              | (1.10 - 2.09)                       | 0.61                | (0.35 - 1.07)                         | 4.68                | (3.25 - 6.70)                         | 0.96              | (0.62 - 1.50)                       | 1.60              | (1.15 - 2.22)                       |
| Ohio           | 1.76              | (1.45 - 2.14)                       | 0.50                | (0.34 - 0.73)                         | 5.17                | (4.13 - 6.46)                         | 1.37              | (1.05 - 1.78)                       | 1.89              | (1.55 - 2.31)                       |
| Oklahoma       | 1.70              | (1.26 - 2.28)                       | 0.48                | (0.30 - 0.76)                         | 5.39                | (3.88 - 7.44)                         | 1.22              | (0.82 - 1.81)                       | 1.83              | (1.36 - 2.47)                       |
| Oregon         | 2.98              | (2.33 - 3.80)                       | 1.01                | (0.63 - 1.61)                         | 8.86                | (6.76 - 11.53)                        | 2.30              | (1.67 - 3.17)                       | 3.16              | (2.46 - 4.04)                       |
| Pennsylvania   | 1.98              | (1.60 - 2.45)                       | 0.54                | (0.37 - 0.77)                         | 5.57                | (4.42 - 6.99)                         | 1.58              | (1.19 - 2.10)                       | 2.12              | (1.71 - 2.62)                       |
| Rhode Island   | 2.66              | (2.03 - 3.48)                       | 0.70                | (0.45 - 1.11)                         | 7.68                | (5.72 - 10.23)                        | 1.97              | (1.39 - 2.78)                       | 2.84              | (2.16 - 3.72)                       |
| South Carolina | 1.95              | (1.46 - 2.59)                       | 0.38                | (0.23 - 0.65)                         | 5.95                | (4.46 - 7.91)                         | 1.50              | (1.02 - 2.20)                       | 2.10              | (1.57 - 2.81)                       |
| South Dakota   | 1.14              | (0.80 - 1.61)                       | 0.56                | (0.32 - 0.99)                         | 3.45                | (2.31 - 5.12)                         | 0.82              | (0.52 - 1.29)                       | 1.20              | (0.84 - 1.71)                       |
| Tennessee      | 1.87              | (1.41 - 2.48)                       | 0.50                | (0.32 - 0.78)                         | 5.26                | (3.80 - 7.26)                         | 1.49              | (1.05 - 2.12)                       | 2.01              | (1.51 - 2.67)                       |
| Texas          | 1.47              | (1.20 - 1.79)                       | 0.46                | (0.31 - 0.68)                         | 4.42                | (3.53 - 5.52)                         | 1.08              | (0.82 - 1.44)                       | 1.59              | (1.30 - 1.95)                       |
| Utah           | 1.71              | (1.28 - 2.28)                       | 0.69                | (0.42 - 1.12)                         | 4.67                | (3.33 - 6.51)                         | 1.23              | (0.83 - 1.81)                       | 1.85              | (1.37 - 2.48)                       |
| Vermont        | 3.50              | (2.74 - 4.46)                       | 0.93                | (0.56 - 1.52)                         | 12.24               | (9.42 - 15.75)                        | 2.23              | (1.57 - 3.17)                       | 3.72              | (2.90 - 4.75)                       |
| Virginia       | 1.93              | (1.52 - 2.45)                       | 0.43                | (0.28 - 0.66)                         | 5.26                | (4.05 - 6.81)                         | 1.57              | (1.15 - 2.13)                       | 2.08              | (1.63 - 2.64)                       |
| Washington     | 2.33              | (1.77 - 3.07)                       | 0.70                | (0.45 - 1.11)                         | 6.52                | (4.81 - 8.79)                         | 1.87              | (1.32 - 2.64)                       | 2.49              | (1.88 - 3.29)                       |
| West Virginia  | 1.65              | (1.23 - 2.21)                       | 0.61                | (0.38 - 0.97)                         | 5.07                | (3.65 - 7.02)                         | 1.26              | (0.87 - 1.82)                       | 1.75              | (1.29 - 2.35)                       |
| Wisconsin      | 2.02              | (1.52 - 2.66)                       | 0.58                | (0.37 - 0.92)                         | 6.19                | (4.49 - 8.49)                         | 1.50              | (1.05 - 2.14)                       | 2.16              | (1.62 - 2.86)                       |
| Wyoming        | 1.59              | (1.18 - 2.16)                       | 0.83                | (0.51 - 1.33)                         | 4.83                | (3.43 - 6.76)                         | 1.17              | (0.79 - 1.73)                       | 1.67              | (1.22 - 2.28)                       |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 8 Perceptions of Great Risk from Using Cocaine Once a Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 71.55             | (71.15 - 71.95)                     | 56.01               | (55.28 - 56.73)                       | 63.91               | (63.17 - 64.63)                       | 74.62             | (74.14 - 75.09)                     | 73.11             | (72.68 - 73.53)                     |
| Northeast            | 68.92             | (68.10 - 69.73)                     | 55.84               | (54.52 - 57.15)                       | 60.02               | (58.50 - 61.52)                       | 71.73             | (70.74 - 72.70)                     | 70.12             | (69.23 - 70.98)                     |
| Midwest              | 71.40             | (70.76 - 72.04)                     | 54.66               | (53.52 - 55.79)                       | 63.40               | (62.07 - 64.70)                       | 74.73             | (73.94 - 75.49)                     | 73.11             | (72.41 - 73.79)                     |
| South                | 75.44             | (74.92 - 75.96)                     | 57.72               | (56.71 - 58.73)                       | 68.49               | (67.26 - 69.70)                       | 78.68             | (78.03 - 79.31)                     | 77.26             | (76.69 - 77.82)                     |
| West                 | 67.48             | (66.69 - 68.26)                     | 54.58               | (53.26 - 55.88)                       | 60.09               | (58.46 - 61.70)                       | 70.23             | (69.27 - 71.17)                     | 68.78             | (67.92 - 69.62)                     |
| Alabama              | 76.69             | (74.56 - 78.69)                     | 58.73               | (54.89 - 62.47)                       | 71.28               | (67.80 - 74.53)                       | 79.67             | (77.19 - 81.95)                     | 78.50             | (76.22 - 80.61)                     |
| Alaska               | 66.25             | (63.73 - 68.68)                     | 52.81               | (49.03 - 56.55)                       | 60.84               | (56.94 - 64.60)                       | 68.89             | (65.89 - 71.75)                     | 67.73             | (65.02 - 70.32)                     |
| Arizona              | 71.38             | (68.87 - 73.77)                     | 58.15               | (54.45 - 61.77)                       | 65.19               | (61.14 - 69.02)                       | 74.02             | (71.02 - 76.81)                     | 72.76             | (70.04 - 75.31)                     |
| Arkansas             | 77.28             | (75.20 - 79.23)                     | 56.96               | (53.12 - 60.71)                       | 71.37               | (67.69 - 74.80)                       | 80.74             | (78.32 - 82.94)                     | 79.41             | (77.20 - 81.46)                     |
| California           | 67.53             | (66.28 - 68.76)                     | 54.97               | (52.78 - 57.13)                       | 59.87               | (57.45 - 62.25)                       | 70.31             | (68.80 - 71.77)                     | 68.79             | (67.45 - 70.11)                     |
| Colorado             | 64.77             | (62.23 - 67.23)                     | 52.21               | (48.47 - 55.92)                       | 56.00               | (51.72 - 60.19)                       | 67.66             | (64.66 - 70.52)                     | 66.02             | (63.28 - 68.65)                     |
| Connecticut          | 67.67             | (65.13 - 70.10)                     | 54.86               | (50.98 - 58.68)                       | 56.31               | (52.26 - 60.29)                       | 70.97             | (67.96 - 73.81)                     | 68.91             | (66.19 - 71.52)                     |
| Delaware             | 71.31             | (68.95 - 73.56)                     | 56.17               | (52.28 - 60.00)                       | 66.82               | (62.94 - 70.48)                       | 73.60             | (70.83 - 76.20)                     | 72.71             | (70.20 - 75.09)                     |
| District of Columbia | 60.19             | (57.28 - 63.02)                     | 56.65               | (52.56 - 60.64)                       | 53.11               | (48.89 - 57.29)                       | 61.78             | (58.34 - 65.10)                     | 60.36             | (57.33 - 63.32)                     |
| Florida              | 76.45             | (75.13 - 77.72)                     | 57.88               | (55.61 - 60.11)                       | 67.40               | (64.92 - 69.80)                       | 79.51             | (77.95 - 80.99)                     | 78.04             | (76.63 - 79.39)                     |
| Georgia              | 77.72             | (75.96 - 79.39)                     | 61.39               | (58.10 - 64.59)                       | 70.90               | (67.78 - 73.83)                       | 81.00             | (78.96 - 82.89)                     | 79.54             | (77.66 - 81.30)                     |
| Hawaii               | 67.73             | (65.09 - 70.26)                     | 53.74               | (49.75 - 57.67)                       | 64.35               | (60.01 - 68.47)                       | 69.62             | (66.49 - 72.57)                     | 68.97             | (66.13 - 71.67)                     |
| Idaho                | 71.25             | (68.93 - 73.47)                     | 55.81               | (52.09 - 59.46)                       | 65.02               | (61.00 - 68.83)                       | 74.45             | (71.73 - 76.99)                     | 73.10             | (70.59 - 75.47)                     |
| Illinois             | 70.93             | (69.34 - 72.46)                     | 55.10               | (52.36 - 57.81)                       | 63.08               | (60.25 - 65.81)                       | 74.09             | (72.20 - 75.89)                     | 72.55             | (70.84 - 74.19)                     |
| Indiana              | 73.31             | (71.13 - 75.39)                     | 55.61               | (51.78 - 59.38)                       | 65.43               | (61.58 - 69.09)                       | 76.92             | (74.38 - 79.28)                     | 75.21             | (72.89 - 77.39)                     |
| Iowa                 | 70.59             | (68.28 - 72.80)                     | 54.58               | (50.88 - 58.23)                       | 61.50               | (57.50 - 65.35)                       | 74.13             | (71.38 - 76.71)                     | 72.22             | (69.72 - 74.58)                     |
| Kansas               | 71.79             | (69.53 - 73.94)                     | 55.70               | (52.02 - 59.32)                       | 66.16               | (62.35 - 69.77)                       | 74.88             | (72.21 - 77.38)                     | 73.56             | (71.12 - 75.86)                     |
| Kentucky             | 75.46             | (73.23 - 77.57)                     | 58.35               | (54.66 - 61.95)                       | 67.12               | (63.27 - 70.76)                       | 78.82             | (76.23 - 81.20)                     | 77.18             | (74.81 - 79.39)                     |
| Louisiana            | 73.91             | (71.71 - 76.00)                     | 55.03               | (51.31 - 58.69)                       | 68.05               | (64.11 - 71.76)                       | 77.18             | (74.64 - 79.54)                     | 75.88             | (73.53 - 78.09)                     |
| Maine                | 70.18             | (67.67 - 72.59)                     | 56.63               | (52.98 - 60.21)                       | 59.87               | (55.85 - 63.76)                       | 72.86             | (69.94 - 75.59)                     | 71.31             | (68.63 - 73.85)                     |
| Maryland             | 71.40             | (69.18 - 73.51)                     | 56.74               | (52.97 - 60.43)                       | 62.63               | (58.93 - 66.20)                       | 74.40             | (71.79 - 76.84)                     | 72.83             | (70.47 - 75.06)                     |
| Massachusetts        | 63.65             | (61.04 - 66.20)                     | 54.52               | (50.63 - 58.35)                       | 53.75               | (49.66 - 57.79)                       | 66.31             | (63.21 - 69.26)                     | 64.46             | (61.66 - 67.15)                     |
| Michigan             | 72.99             | (71.43 - 74.49)                     | 53.65               | (50.90 - 56.38)                       | 64.53               | (61.87 - 67.09)                       | 76.67             | (74.81 - 78.43)                     | 74.92             | (73.25 - 76.52)                     |
| Minnesota            | 66.23             | (63.87 - 68.51)                     | 52.26               | (48.50 - 55.99)                       | 59.13               | (55.02 - 63.13)                       | 69.00             | (66.23 - 71.64)                     | 67.64             | (65.09 - 70.09)                     |
| Mississippi          | 79.47             | (77.56 - 81.26)                     | 58.42               | (54.73 - 62.02)                       | 73.37               | (69.73 - 76.73)                       | 83.23             | (81.02 - 85.23)                     | 81.76             | (79.74 - 83.63)                     |
| Missouri             | 73.04             | (70.88 - 75.10)                     | 56.40               | (52.65 - 60.08)                       | 63.83               | (59.94 - 67.54)                       | 76.49             | (73.95 - 78.84)                     | 74.71             | (72.40 - 76.89)                     |
| Montana              | 68.34             | (66.00 - 70.59)                     | 53.99               | (50.25 - 57.70)                       | 58.89               | (54.90 - 62.77)                       | 71.38             | (68.66 - 73.94)                     | 69.65             | (67.16 - 72.03)                     |

See notes at end of table.

(continued)

**Table 8 Perceptions of Great Risk from Using Cocaine Once a Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Nebraska       | 70.79             | (68.48 - 73.00)                  | 53.66               | (50.06 - 57.22)                    | 60.13               | (55.94 - 64.18)                    | 74.88             | (72.15 - 77.42)                  | 72.65             | (70.14 - 75.02)                  |
| Nevada         | 69.95             | (67.49 - 72.31)                  | 52.63               | (48.77 - 56.46)                    | 62.63               | (58.50 - 66.58)                    | 73.00             | (70.12 - 75.71)                  | 71.68             | (69.04 - 74.18)                  |
| New Hampshire  | 67.04             | (64.56 - 69.42)                  | 54.96               | (51.34 - 58.52)                    | 52.47               | (48.25 - 56.66)                    | 70.53             | (67.61 - 73.29)                  | 68.10             | (65.46 - 70.64)                  |
| New Jersey     | 71.77             | (69.61 - 73.84)                  | 59.02               | (55.57 - 62.38)                    | 61.95               | (58.30 - 65.47)                    | 74.69             | (72.19 - 77.04)                  | 73.03             | (70.73 - 75.21)                  |
| New Mexico     | 69.51             | (67.00 - 71.91)                  | 53.07               | (49.30 - 56.81)                    | 62.23               | (58.17 - 66.13)                    | 72.73             | (69.75 - 75.52)                  | 71.24             | (68.53 - 73.80)                  |
| New York       | 68.85             | (67.31 - 70.36)                  | 55.98               | (53.62 - 58.31)                    | 62.06               | (59.52 - 64.55)                    | 71.31             | (69.45 - 73.09)                  | 70.01             | (68.34 - 71.62)                  |
| North Carolina | 74.58             | (72.77 - 76.32)                  | 55.45               | (52.04 - 58.82)                    | 68.62               | (65.27 - 71.79)                    | 77.78             | (75.64 - 79.78)                  | 76.52             | (74.58 - 78.36)                  |
| North Dakota   | 71.37             | (69.16 - 73.47)                  | 55.62               | (52.02 - 59.16)                    | 61.09               | (57.19 - 64.85)                    | 75.22             | (72.59 - 77.67)                  | 72.80             | (70.44 - 75.03)                  |
| Ohio           | 72.47             | (70.92 - 73.97)                  | 56.65               | (54.06 - 59.21)                    | 64.96               | (62.34 - 67.50)                    | 75.51             | (73.67 - 77.27)                  | 74.06             | (72.39 - 75.66)                  |
| Oklahoma       | 72.51             | (70.04 - 74.84)                  | 58.38               | (54.56 - 62.10)                    | 69.33               | (65.31 - 73.07)                    | 74.84             | (71.93 - 77.55)                  | 74.03             | (71.37 - 76.53)                  |
| Oregon         | 62.53             | (59.97 - 65.02)                  | 50.99               | (47.11 - 54.86)                    | 53.98               | (49.85 - 58.05)                    | 65.01             | (62.02 - 67.88)                  | 63.56             | (60.83 - 66.21)                  |
| Pennsylvania   | 70.58             | (69.00 - 72.11)                  | 54.27               | (51.61 - 56.91)                    | 61.55               | (58.72 - 64.30)                    | 73.71             | (71.80 - 75.53)                  | 72.07             | (70.37 - 73.71)                  |
| Rhode Island   | 67.52             | (64.98 - 69.96)                  | 56.01               | (52.29 - 59.67)                    | 59.38               | (55.09 - 63.54)                    | 70.15             | (67.20 - 72.95)                  | 68.51             | (65.81 - 71.09)                  |
| South Carolina | 76.02             | (73.88 - 78.03)                  | 56.23               | (52.56 - 59.84)                    | 68.14               | (64.64 - 71.45)                    | 79.46             | (76.97 - 81.74)                  | 77.93             | (75.66 - 80.04)                  |
| South Dakota   | 70.25             | (67.94 - 72.45)                  | 52.86               | (49.34 - 56.36)                    | 64.61               | (60.77 - 68.27)                    | 73.34             | (70.56 - 75.94)                  | 72.07             | (69.57 - 74.43)                  |
| Tennessee      | 76.08             | (74.00 - 78.04)                  | 57.66               | (54.03 - 61.20)                    | 69.51               | (65.69 - 73.08)                    | 79.25             | (76.88 - 81.43)                  | 77.91             | (75.70 - 79.96)                  |
| Texas          | 76.43             | (75.26 - 77.56)                  | 58.18               | (55.76 - 60.56)                    | 70.22               | (67.84 - 72.50)                    | 80.10             | (78.69 - 81.44)                  | 78.59             | (77.34 - 79.79)                  |
| Utah           | 71.99             | (69.86 - 74.02)                  | 60.13               | (56.27 - 63.87)                    | 66.83               | (62.88 - 70.56)                    | 75.15             | (72.60 - 77.53)                  | 73.63             | (71.36 - 75.79)                  |
| Vermont        | 65.64             | (63.00 - 68.19)                  | 54.56               | (50.75 - 58.32)                    | 52.19               | (47.57 - 56.78)                    | 69.05             | (65.91 - 72.03)                  | 66.55             | (63.73 - 69.26)                  |
| Virginia       | 71.21             | (69.25 - 73.09)                  | 56.28               | (53.03 - 59.48)                    | 63.35               | (60.13 - 66.45)                    | 74.16             | (71.83 - 76.35)                  | 72.66             | (70.56 - 74.66)                  |
| Washington     | 63.73             | (61.09 - 66.30)                  | 50.67               | (46.97 - 54.35)                    | 55.63               | (51.33 - 59.85)                    | 66.41             | (63.31 - 69.37)                  | 64.96             | (62.14 - 67.69)                  |
| West Virginia  | 75.25             | (73.10 - 77.28)                  | 53.96               | (50.30 - 57.58)                    | 66.57               | (62.76 - 70.17)                    | 78.68             | (76.18 - 80.97)                  | 77.13             | (74.85 - 79.25)                  |
| Wisconsin      | 69.23             | (66.86 - 71.50)                  | 50.67               | (47.01 - 54.33)                    | 61.09               | (57.10 - 64.93)                    | 72.72             | (69.90 - 75.37)                  | 71.07             | (68.53 - 73.49)                  |
| Wyoming        | 71.96             | (69.68 - 74.14)                  | 55.91               | (51.99 - 59.76)                    | 64.39               | (60.49 - 68.11)                    | 75.04             | (72.34 - 77.56)                  | 73.58             | (71.13 - 75.88)                  |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 9 Heroin Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 0.34              | (0.30 - 0.38)                       | 0.05                | (0.03 - 0.09)                         | 0.64                | (0.53 - 0.77)                         | 0.32              | (0.28 - 0.37)                       | 0.37              | (0.32 - 0.42)                       |
| Northeast            | 0.45              | (0.35 - 0.56)                       | 0.05                | (0.02 - 0.11)                         | 0.77                | (0.60 - 0.99)                         | 0.44              | (0.33 - 0.57)                       | 0.48              | (0.38 - 0.61)                       |
| Midwest              | 0.35              | (0.28 - 0.44)                       | 0.05                | (0.02 - 0.11)                         | 0.65                | (0.50 - 0.84)                         | 0.33              | (0.26 - 0.43)                       | 0.38              | (0.30 - 0.47)                       |
| South                | 0.33              | (0.26 - 0.40)                       | 0.05                | (0.03 - 0.12)                         | 0.67                | (0.53 - 0.85)                         | 0.30              | (0.23 - 0.39)                       | 0.35              | (0.29 - 0.44)                       |
| West                 | 0.27              | (0.21 - 0.36)                       | 0.06                | (0.02 - 0.13)                         | 0.49                | (0.36 - 0.67)                         | 0.26              | (0.19 - 0.36)                       | 0.29              | (0.22 - 0.39)                       |
| Alabama              | 0.30              | (0.16 - 0.58)                       | 0.02                | (0.00 - 0.10)                         | 0.58                | (0.28 - 1.21)                         | 0.29              | (0.14 - 0.58)                       | 0.33              | (0.17 - 0.64)                       |
| Alaska               | 0.44              | (0.24 - 0.83)                       | 0.10                | (0.03 - 0.35)                         | 0.91                | (0.47 - 1.77)                         | 0.41              | (0.20 - 0.83)                       | 0.48              | (0.26 - 0.91)                       |
| Arizona              | 0.35              | (0.19 - 0.64)                       | 0.05                | (0.02 - 0.14)                         | 0.77                | (0.39 - 1.49)                         | 0.32              | (0.16 - 0.62)                       | 0.38              | (0.20 - 0.71)                       |
| Arkansas             | 0.25              | (0.12 - 0.50)                       | 0.05                | (0.02 - 0.14)                         | 0.49                | (0.22 - 1.08)                         | 0.23              | (0.11 - 0.50)                       | 0.27              | (0.13 - 0.54)                       |
| California           | 0.19              | (0.11 - 0.31)                       | 0.05                | (0.02 - 0.17)                         | 0.30                | (0.16 - 0.55)                         | 0.18              | (0.10 - 0.32)                       | 0.20              | (0.12 - 0.33)                       |
| Colorado             | 0.28              | (0.14 - 0.56)                       | 0.04                | (0.01 - 0.13)                         | 0.54                | (0.25 - 1.15)                         | 0.26              | (0.12 - 0.57)                       | 0.30              | (0.15 - 0.62)                       |
| Connecticut          | 0.70              | (0.42 - 1.18)                       | 0.06                | (0.02 - 0.16)                         | 1.31                | (0.72 - 2.37)                         | 0.68              | (0.38 - 1.20)                       | 0.77              | (0.45 - 1.29)                       |
| Delaware             | 0.84              | (0.50 - 1.43)                       | 0.06                | (0.02 - 0.20)                         | 1.56                | (0.85 - 2.85)                         | 0.82              | (0.46 - 1.47)                       | 0.92              | (0.54 - 1.55)                       |
| District of Columbia | 0.37              | (0.18 - 0.76)                       | 0.01                | (0.00 - 0.08)                         | 0.32                | (0.13 - 0.77)                         | 0.40              | (0.19 - 0.85)                       | 0.39              | (0.19 - 0.80)                       |
| Florida              | 0.29              | (0.19 - 0.44)                       | 0.14                | (0.05 - 0.40)                         | 0.63                | (0.39 - 1.02)                         | 0.26              | (0.16 - 0.42)                       | 0.30              | (0.20 - 0.46)                       |
| Georgia              | 0.19              | (0.10 - 0.37)                       | 0.02                | (0.01 - 0.09)                         | 0.37                | (0.18 - 0.76)                         | 0.19              | (0.09 - 0.38)                       | 0.21              | (0.11 - 0.41)                       |
| Hawaii               | 0.24              | (0.12 - 0.49)                       | 0.05                | (0.01 - 0.21)                         | 0.56                | (0.25 - 1.25)                         | 0.22              | (0.10 - 0.48)                       | 0.26              | (0.13 - 0.53)                       |
| Idaho                | 0.33              | (0.18 - 0.61)                       | 0.06                | (0.03 - 0.15)                         | 0.58                | (0.28 - 1.20)                         | 0.32              | (0.16 - 0.63)                       | 0.36              | (0.19 - 0.67)                       |
| Illinois             | 0.25              | (0.15 - 0.43)                       | 0.04                | (0.01 - 0.10)                         | 0.45                | (0.25 - 0.83)                         | 0.25              | (0.14 - 0.44)                       | 0.27              | (0.16 - 0.47)                       |
| Indiana              | 0.64              | (0.38 - 1.06)                       | 0.07                | (0.03 - 0.16)                         | 1.26                | (0.69 - 2.31)                         | 0.60              | (0.34 - 1.04)                       | 0.70              | (0.42 - 1.17)                       |
| Iowa                 | 0.23              | (0.11 - 0.45)                       | 0.05                | (0.02 - 0.14)                         | 0.48                | (0.22 - 1.06)                         | 0.20              | (0.09 - 0.44)                       | 0.24              | (0.12 - 0.49)                       |
| Kansas               | 0.29              | (0.15 - 0.58)                       | 0.06                | (0.02 - 0.14)                         | 0.52                | (0.24 - 1.15)                         | 0.29              | (0.14 - 0.59)                       | 0.32              | (0.16 - 0.63)                       |
| Kentucky             | 0.37              | (0.20 - 0.69)                       | 0.05                | (0.02 - 0.14)                         | 0.67                | (0.34 - 1.33)                         | 0.36              | (0.19 - 0.71)                       | 0.41              | (0.22 - 0.75)                       |
| Louisiana            | 0.22              | (0.11 - 0.46)                       | 0.04                | (0.01 - 0.11)                         | 0.40                | (0.18 - 0.91)                         | 0.21              | (0.09 - 0.47)                       | 0.24              | (0.11 - 0.50)                       |
| Maine                | 0.51              | (0.30 - 0.86)                       | 0.05                | (0.02 - 0.14)                         | 1.24                | (0.70 - 2.20)                         | 0.45              | (0.25 - 0.81)                       | 0.55              | (0.32 - 0.92)                       |
| Maryland             | 0.54              | (0.31 - 0.91)                       | 0.05                | (0.02 - 0.14)                         | 1.03                | (0.54 - 1.95)                         | 0.52              | (0.29 - 0.91)                       | 0.58              | (0.34 - 1.00)                       |
| Massachusetts        | 0.42              | (0.22 - 0.79)                       | 0.03                | (0.01 - 0.12)                         | 0.62                | (0.29 - 1.31)                         | 0.43              | (0.22 - 0.84)                       | 0.46              | (0.24 - 0.86)                       |
| Michigan             | 0.31              | (0.19 - 0.51)                       | 0.06                | (0.02 - 0.14)                         | 0.52                | (0.28 - 0.95)                         | 0.30              | (0.18 - 0.52)                       | 0.33              | (0.20 - 0.55)                       |
| Minnesota            | 0.23              | (0.12 - 0.46)                       | 0.03                | (0.01 - 0.10)                         | 0.51                | (0.23 - 1.12)                         | 0.21              | (0.10 - 0.44)                       | 0.25              | (0.13 - 0.50)                       |
| Mississippi          | 0.21              | (0.10 - 0.43)                       | 0.01                | (0.00 - 0.09)                         | 0.42                | (0.19 - 0.93)                         | 0.20              | (0.09 - 0.43)                       | 0.23              | (0.11 - 0.48)                       |
| Missouri             | 0.30              | (0.16 - 0.56)                       | 0.04                | (0.02 - 0.12)                         | 0.54                | (0.25 - 1.18)                         | 0.29              | (0.15 - 0.56)                       | 0.32              | (0.17 - 0.61)                       |
| Montana              | 0.33              | (0.18 - 0.62)                       | 0.08                | (0.03 - 0.21)                         | 0.71                | (0.36 - 1.42)                         | 0.30              | (0.15 - 0.60)                       | 0.36              | (0.19 - 0.67)                       |

See notes at end of table.

(continued)

**Table 9 Heroin Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 0.22              | (0.10 - 0.47)                       | 0.07                | (0.02 - 0.19)                         | 0.40                | (0.17 - 0.93)                         | 0.21              | (0.09 - 0.49)                       | 0.24              | (0.11 - 0.52)                       |
| Nevada         | 0.50              | (0.27 - 0.90)                       | 0.09                | (0.03 - 0.26)                         | 1.16                | (0.59 - 2.25)                         | 0.45              | (0.23 - 0.87)                       | 0.54              | (0.29 - 0.98)                       |
| New Hampshire  | 0.68              | (0.41 - 1.12)                       | 0.09                | (0.04 - 0.23)                         | 1.43                | (0.82 - 2.49)                         | 0.62              | (0.35 - 1.09)                       | 0.73              | (0.44 - 1.21)                       |
| New Jersey     | 0.45              | (0.27 - 0.75)                       | 0.05                | (0.02 - 0.12)                         | 0.82                | (0.45 - 1.49)                         | 0.44              | (0.25 - 0.77)                       | 0.49              | (0.29 - 0.82)                       |
| New Mexico     | 0.34              | (0.19 - 0.63)                       | 0.10                | (0.04 - 0.25)                         | 0.81                | (0.41 - 1.60)                         | 0.29              | (0.15 - 0.58)                       | 0.37              | (0.20 - 0.69)                       |
| New York       | 0.30              | (0.18 - 0.49)                       | 0.04                | (0.01 - 0.10)                         | 0.46                | (0.26 - 0.82)                         | 0.30              | (0.17 - 0.51)                       | 0.32              | (0.19 - 0.53)                       |
| North Carolina | 0.45              | (0.28 - 0.73)                       | 0.04                | (0.01 - 0.13)                         | 0.96                | (0.54 - 1.71)                         | 0.42              | (0.24 - 0.72)                       | 0.49              | (0.30 - 0.80)                       |
| North Dakota   | 0.46              | (0.26 - 0.82)                       | 0.07                | (0.03 - 0.16)                         | 0.86                | (0.44 - 1.64)                         | 0.42              | (0.22 - 0.80)                       | 0.50              | (0.28 - 0.89)                       |
| Ohio           | 0.45              | (0.30 - 0.68)                       | 0.07                | (0.03 - 0.15)                         | 0.83                | (0.51 - 1.34)                         | 0.44              | (0.28 - 0.68)                       | 0.49              | (0.32 - 0.74)                       |
| Oklahoma       | 0.43              | (0.23 - 0.79)                       | 0.07                | (0.03 - 0.17)                         | 0.99                | (0.49 - 1.96)                         | 0.38              | (0.19 - 0.75)                       | 0.47              | (0.25 - 0.87)                       |
| Oregon         | 0.37              | (0.19 - 0.70)                       | 0.07                | (0.03 - 0.17)                         | 0.61                | (0.30 - 1.24)                         | 0.36              | (0.18 - 0.73)                       | 0.40              | (0.21 - 0.76)                       |
| Pennsylvania   | 0.58              | (0.40 - 0.85)                       | 0.08                | (0.03 - 0.18)                         | 1.04                | (0.67 - 1.61)                         | 0.57              | (0.37 - 0.86)                       | 0.63              | (0.43 - 0.92)                       |
| Rhode Island   | 0.43              | (0.23 - 0.81)                       | 0.06                | (0.03 - 0.15)                         | 0.69                | (0.34 - 1.41)                         | 0.43              | (0.22 - 0.84)                       | 0.47              | (0.25 - 0.87)                       |
| South Carolina | 0.19              | (0.09 - 0.39)                       | 0.04                | (0.01 - 0.11)                         | 0.40                | (0.17 - 0.91)                         | 0.17              | (0.08 - 0.38)                       | 0.20              | (0.10 - 0.43)                       |
| South Dakota   | 0.25              | (0.13 - 0.49)                       | 0.06                | (0.02 - 0.17)                         | 0.51                | (0.24 - 1.10)                         | 0.23              | (0.11 - 0.50)                       | 0.27              | (0.14 - 0.54)                       |
| Tennessee      | 0.34              | (0.19 - 0.62)                       | 0.05                | (0.02 - 0.13)                         | 0.66                | (0.32 - 1.35)                         | 0.32              | (0.17 - 0.62)                       | 0.37              | (0.20 - 0.68)                       |
| Texas          | 0.30              | (0.19 - 0.47)                       | 0.04                | (0.02 - 0.12)                         | 0.67                | (0.40 - 1.11)                         | 0.27              | (0.16 - 0.46)                       | 0.33              | (0.21 - 0.52)                       |
| Utah           | 0.37              | (0.20 - 0.67)                       | 0.04                | (0.02 - 0.12)                         | 0.58                | (0.28 - 1.24)                         | 0.38              | (0.20 - 0.72)                       | 0.41              | (0.22 - 0.76)                       |
| Vermont        | 0.48              | (0.27 - 0.86)                       | 0.08                | (0.03 - 0.19)                         | 1.05                | (0.54 - 2.03)                         | 0.42              | (0.22 - 0.80)                       | 0.51              | (0.28 - 0.92)                       |
| Virginia       | 0.36              | (0.21 - 0.61)                       | 0.02                | (0.00 - 0.10)                         | 0.72                | (0.40 - 1.30)                         | 0.34              | (0.19 - 0.61)                       | 0.39              | (0.23 - 0.67)                       |
| Washington     | 0.42              | (0.23 - 0.78)                       | 0.07                | (0.03 - 0.15)                         | 0.72                | (0.36 - 1.42)                         | 0.42              | (0.22 - 0.80)                       | 0.46              | (0.25 - 0.84)                       |
| West Virginia  | 0.69              | (0.42 - 1.12)                       | 0.05                | (0.01 - 0.17)                         | 1.45                | (0.83 - 2.51)                         | 0.64              | (0.37 - 1.11)                       | 0.75              | (0.45 - 1.22)                       |
| Wisconsin      | 0.37              | (0.20 - 0.69)                       | 0.06                | (0.03 - 0.15)                         | 0.69                | (0.34 - 1.40)                         | 0.35              | (0.18 - 0.69)                       | 0.40              | (0.21 - 0.75)                       |
| Wyoming        | 0.31              | (0.16 - 0.60)                       | 0.08                | (0.03 - 0.19)                         | 0.62                | (0.30 - 1.31)                         | 0.29              | (0.14 - 0.60)                       | 0.34              | (0.17 - 0.65)                       |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.



**Table 10** *Perceptions of Great Risk from Trying Heroin Once or Twice, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs*

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 86.00             | (85.71 - 86.28)                     | 65.92               | (65.25 - 66.59)                       | 82.76               | (82.20 - 83.30)                       | 88.85             | (88.51 - 89.18)                     | 88.00             | (87.69 - 88.29)                     |
| Northeast            | 86.02             | (85.41 - 86.61)                     | 66.55               | (65.31 - 67.78)                       | 82.95               | (81.88 - 83.96)                       | 88.58             | (87.87 - 89.24)                     | 87.80             | (87.16 - 88.41)                     |
| Midwest              | 86.13             | (85.63 - 86.61)                     | 65.55               | (64.48 - 66.61)                       | 83.20               | (82.35 - 84.02)                       | 89.05             | (88.49 - 89.58)                     | 88.21             | (87.70 - 88.71)                     |
| South                | 87.44             | (87.02 - 87.84)                     | 67.09               | (66.10 - 68.07)                       | 83.90               | (83.13 - 84.63)                       | 90.42             | (89.94 - 90.87)                     | 89.51             | (89.08 - 89.93)                     |
| West                 | 83.57             | (82.95 - 84.16)                     | 63.93               | (62.67 - 65.18)                       | 80.48               | (79.31 - 81.59)                       | 86.39             | (85.67 - 87.07)                     | 85.54             | (84.89 - 86.17)                     |
| Alabama              | 88.31             | (86.84 - 89.63)                     | 67.42               | (63.74 - 70.89)                       | 85.69               | (83.01 - 88.01)                       | 91.16             | (89.49 - 92.59)                     | 90.40             | (88.85 - 91.74)                     |
| Alaska               | 83.35             | (81.40 - 85.12)                     | 63.59               | (60.05 - 67.00)                       | 81.02               | (77.88 - 83.80)                       | 86.28             | (83.99 - 88.28)                     | 85.52             | (83.42 - 87.39)                     |
| Arizona              | 86.57             | (84.72 - 88.23)                     | 66.92               | (63.24 - 70.41)                       | 84.37               | (81.33 - 87.00)                       | 89.31             | (87.18 - 91.12)                     | 88.60             | (86.64 - 90.31)                     |
| Arkansas             | 86.57             | (84.97 - 88.03)                     | 65.33               | (61.76 - 68.73)                       | 82.32               | (79.41 - 84.89)                       | 89.85             | (87.98 - 91.46)                     | 88.79             | (87.08 - 90.29)                     |
| California           | 83.56             | (82.58 - 84.50)                     | 64.20               | (62.17 - 66.19)                       | 80.44               | (78.60 - 82.16)                       | 86.35             | (85.20 - 87.43)                     | 85.49             | (84.44 - 86.49)                     |
| Colorado             | 83.12             | (81.25 - 84.83)                     | 62.01               | (58.15 - 65.72)                       | 79.58               | (76.24 - 82.57)                       | 86.13             | (84.01 - 88.01)                     | 85.21             | (83.22 - 87.00)                     |
| Connecticut          | 86.32             | (84.53 - 87.94)                     | 66.16               | (62.50 - 69.64)                       | 82.15               | (79.07 - 84.86)                       | 89.28             | (87.20 - 91.07)                     | 88.28             | (86.37 - 89.96)                     |
| Delaware             | 87.19             | (85.56 - 88.66)                     | 66.91               | (63.19 - 70.44)                       | 84.25               | (81.30 - 86.81)                       | 89.78             | (87.93 - 91.37)                     | 89.06             | (87.34 - 90.57)                     |
| District of Columbia | 82.28             | (80.07 - 84.29)                     | 65.64               | (61.77 - 69.31)                       | 77.54               | (73.79 - 80.89)                       | 84.29             | (81.79 - 86.49)                     | 83.18             | (80.88 - 85.26)                     |
| Florida              | 89.00             | (88.05 - 89.89)                     | 67.56               | (65.41 - 69.64)                       | 84.15               | (82.27 - 85.87)                       | 91.74             | (90.66 - 92.71)                     | 90.83             | (89.82 - 91.75)                     |
| Georgia              | 88.64             | (87.35 - 89.82)                     | 70.97               | (67.94 - 73.83)                       | 86.24               | (83.90 - 88.29)                       | 91.33             | (89.81 - 92.65)                     | 90.60             | (89.20 - 91.83)                     |
| Hawaii               | 82.41             | (80.30 - 84.34)                     | 62.18               | (58.32 - 65.89)                       | 80.72               | (77.42 - 83.64)                       | 84.68             | (82.22 - 86.85)                     | 84.20             | (81.93 - 86.22)                     |
| Idaho                | 85.00             | (83.30 - 86.56)                     | 66.98               | (63.55 - 70.24)                       | 79.97               | (76.71 - 82.88)                       | 88.34             | (86.37 - 90.06)                     | 87.15             | (85.32 - 88.78)                     |
| Illinois             | 86.10             | (84.91 - 87.21)                     | 64.51               | (61.89 - 67.05)                       | 84.00               | (81.92 - 85.88)                       | 89.00             | (87.66 - 90.22)                     | 88.30             | (87.06 - 89.45)                     |
| Indiana              | 86.63             | (85.00 - 88.11)                     | 65.84               | (62.31 - 69.20)                       | 84.35               | (81.41 - 86.90)                       | 89.63             | (87.79 - 91.22)                     | 88.84             | (87.12 - 90.36)                     |
| Iowa                 | 83.64             | (81.68 - 85.42)                     | 62.86               | (59.31 - 66.28)                       | 79.56               | (76.13 - 82.62)                       | 86.85             | (84.56 - 88.84)                     | 85.74             | (83.65 - 87.60)                     |
| Kansas               | 85.17             | (83.48 - 86.72)                     | 64.65               | (61.11 - 68.03)                       | 83.11               | (80.10 - 85.75)                       | 88.19             | (86.24 - 89.90)                     | 87.42             | (85.61 - 89.03)                     |
| Kentucky             | 88.12             | (86.54 - 89.54)                     | 68.30               | (64.88 - 71.53)                       | 84.46               | (81.47 - 87.05)                       | 91.02             | (89.25 - 92.51)                     | 90.10             | (88.44 - 91.54)                     |
| Louisiana            | 87.54             | (85.95 - 88.97)                     | 66.18               | (62.66 - 69.52)                       | 83.82               | (80.74 - 86.49)                       | 90.74             | (88.94 - 92.26)                     | 89.75             | (88.07 - 91.22)                     |
| Maine                | 87.04             | (85.37 - 88.54)                     | 65.70               | (62.26 - 68.99)                       | 84.65               | (81.71 - 87.19)                       | 89.37             | (87.46 - 91.02)                     | 88.81             | (87.02 - 90.38)                     |
| Maryland             | 86.31             | (84.62 - 87.84)                     | 68.00               | (64.38 - 71.42)                       | 81.96               | (79.01 - 84.58)                       | 89.03             | (87.09 - 90.70)                     | 88.09             | (86.30 - 89.67)                     |
| Massachusetts        | 85.06             | (83.18 - 86.76)                     | 66.02               | (62.34 - 69.51)                       | 81.07               | (77.91 - 83.88)                       | 87.71             | (85.56 - 89.59)                     | 86.74             | (84.75 - 88.50)                     |
| Michigan             | 86.39             | (85.27 - 87.43)                     | 63.98               | (61.38 - 66.50)                       | 83.21               | (81.26 - 85.00)                       | 89.52             | (88.20 - 90.71)                     | 88.61             | (87.42 - 89.70)                     |
| Minnesota            | 82.32             | (80.29 - 84.18)                     | 61.45               | (57.79 - 65.00)                       | 79.72               | (76.62 - 82.51)                       | 85.18             | (82.79 - 87.28)                     | 84.43             | (82.26 - 86.37)                     |
| Mississippi          | 87.97             | (86.45 - 89.34)                     | 67.67               | (64.17 - 70.98)                       | 84.57               | (81.64 - 87.10)                       | 91.14             | (89.46 - 92.58)                     | 90.17             | (88.57 - 91.56)                     |
| Missouri             | 86.92             | (85.33 - 88.37)                     | 68.46               | (64.97 - 71.77)                       | 83.18               | (80.18 - 85.81)                       | 89.67             | (87.87 - 91.23)                     | 88.76             | (87.07 - 90.26)                     |
| Montana              | 85.44             | (83.70 - 87.03)                     | 64.59               | (60.95 - 68.06)                       | 81.51               | (78.55 - 84.14)                       | 88.28             | (86.28 - 90.02)                     | 87.34             | (85.50 - 88.98)                     |

See notes at end of table.

(continued)

**Table 10 Perceptions of Great Risk from Trying Heroin Once or Twice, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 84.02             | (82.25 - 85.64)                     | 63.15               | (59.65 - 66.52)                       | 79.32               | (75.93 - 82.34)                       | 87.50             | (85.43 - 89.32)                     | 86.26             | (84.36 - 87.97)                     |
| Nevada         | 84.05             | (82.05 - 85.87)                     | 63.18               | (59.45 - 66.77)                       | 81.30               | (78.02 - 84.19)                       | 86.82             | (84.52 - 88.83)                     | 86.12             | (83.98 - 88.02)                     |
| New Hampshire  | 86.58             | (84.87 - 88.12)                     | 67.27               | (63.79 - 70.58)                       | 82.08               | (78.89 - 84.89)                       | 89.25             | (87.34 - 90.90)                     | 88.29             | (86.49 - 89.88)                     |
| New Jersey     | 86.64             | (85.15 - 88.00)                     | 68.23               | (65.16 - 71.16)                       | 83.66               | (81.01 - 86.01)                       | 89.17             | (87.45 - 90.67)                     | 88.45             | (86.87 - 89.87)                     |
| New Mexico     | 84.96             | (83.13 - 86.63)                     | 66.18               | (62.73 - 69.46)                       | 81.90               | (78.74 - 84.67)                       | 87.76             | (85.60 - 89.63)                     | 86.92             | (84.94 - 88.68)                     |
| New York       | 85.22             | (84.12 - 86.26)                     | 65.92               | (63.65 - 68.12)                       | 82.54               | (80.58 - 84.34)                       | 87.67             | (86.36 - 88.87)                     | 86.95             | (85.77 - 88.05)                     |
| North Carolina | 87.00             | (85.68 - 88.22)                     | 64.58               | (61.48 - 67.56)                       | 83.23               | (80.62 - 85.55)                       | 90.22             | (88.72 - 91.54)                     | 89.27             | (87.86 - 90.52)                     |
| North Dakota   | 84.16             | (82.39 - 85.78)                     | 65.28               | (61.97 - 68.45)                       | 79.74               | (76.46 - 82.66)                       | 87.14             | (85.09 - 88.94)                     | 85.86             | (83.97 - 87.57)                     |
| Ohio           | 88.80             | (87.78 - 89.75)                     | 70.79               | (68.37 - 73.10)                       | 86.53               | (84.61 - 88.25)                       | 91.25             | (90.07 - 92.31)                     | 90.60             | (89.52 - 91.59)                     |
| Oklahoma       | 84.64             | (82.77 - 86.35)                     | 66.04               | (62.36 - 69.53)                       | 83.19               | (80.30 - 85.73)                       | 87.24             | (85.01 - 89.18)                     | 86.64             | (84.63 - 88.43)                     |
| Oregon         | 81.07             | (79.07 - 82.92)                     | 60.73               | (57.12 - 64.23)                       | 77.33               | (73.94 - 80.39)                       | 83.72             | (81.40 - 85.81)                     | 82.89             | (80.76 - 84.82)                     |
| Pennsylvania   | 87.26             | (86.13 - 88.31)                     | 67.00               | (64.52 - 69.39)                       | 84.70               | (82.64 - 86.54)                       | 89.79             | (88.48 - 90.97)                     | 89.11             | (87.90 - 90.21)                     |
| Rhode Island   | 84.99             | (83.17 - 86.64)                     | 63.68               | (59.93 - 67.27)                       | 81.28               | (77.98 - 84.19)                       | 87.84             | (85.77 - 89.63)                     | 86.83             | (84.91 - 88.55)                     |
| South Carolina | 87.94             | (86.44 - 89.30)                     | 67.90               | (64.44 - 71.17)                       | 83.81               | (80.99 - 86.28)                       | 90.81             | (89.09 - 92.27)                     | 89.86             | (88.26 - 91.26)                     |
| South Dakota   | 84.13             | (82.37 - 85.74)                     | 63.21               | (59.63 - 66.65)                       | 81.40               | (78.30 - 84.15)                       | 87.15             | (85.10 - 88.94)                     | 86.31             | (84.44 - 87.99)                     |
| Tennessee      | 86.71             | (85.14 - 88.13)                     | 65.28               | (61.71 - 68.69)                       | 82.90               | (79.98 - 85.47)                       | 89.77             | (87.95 - 91.34)                     | 88.83             | (87.14 - 90.31)                     |
| Texas          | 86.97             | (86.04 - 87.85)                     | 66.87               | (64.61 - 69.05)                       | 84.45               | (82.62 - 86.11)                       | 90.23             | (89.15 - 91.22)                     | 89.35             | (88.35 - 90.27)                     |
| Utah           | 83.91             | (82.19 - 85.49)                     | 66.40               | (62.73 - 69.88)                       | 81.75               | (78.63 - 84.50)                       | 87.36             | (85.37 - 89.11)                     | 86.33             | (84.50 - 87.97)                     |
| Vermont        | 84.69             | (82.76 - 86.45)                     | 64.37               | (60.79 - 67.79)                       | 80.56               | (76.94 - 83.73)                       | 87.38             | (85.16 - 89.31)                     | 86.37             | (84.30 - 88.20)                     |
| Virginia       | 85.61             | (84.15 - 86.96)                     | 65.92               | (62.90 - 68.82)                       | 81.02               | (78.39 - 83.40)                       | 88.56             | (86.87 - 90.06)                     | 87.52             | (85.96 - 88.93)                     |
| Washington     | 81.28             | (79.19 - 83.20)                     | 60.23               | (56.50 - 63.84)                       | 77.58               | (74.04 - 80.76)                       | 84.13             | (81.69 - 86.30)                     | 83.26             | (81.02 - 85.28)                     |
| West Virginia  | 89.63             | (88.20 - 90.90)                     | 66.33               | (62.73 - 69.76)                       | 85.50               | (82.64 - 87.97)                       | 92.58             | (90.98 - 93.91)                     | 91.67             | (90.17 - 92.96)                     |
| Wisconsin      | 85.62             | (83.91 - 87.18)                     | 63.76               | (60.32 - 67.06)                       | 81.11               | (78.00 - 83.87)                       | 88.88             | (86.92 - 90.58)                     | 87.78             | (85.95 - 89.41)                     |
| Wyoming        | 85.71             | (84.00 - 87.26)                     | 64.45               | (60.81 - 67.93)                       | 82.17               | (79.18 - 84.81)                       | 88.74             | (86.77 - 90.45)                     | 87.83             | (86.01 - 89.45)                     |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 11 Methamphetamine Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 0.56              | (0.51 - 0.62)                       | 0.16                | (0.12 - 0.22)                         | 0.93                | (0.80 - 1.08)                         | 0.55              | (0.48 - 0.61)                       | 0.60              | (0.54 - 0.66)                       |
| Northeast            | 0.28              | (0.20 - 0.40)                       | 0.10                | (0.05 - 0.20)                         | 0.47                | (0.31 - 0.69)                         | 0.28              | (0.19 - 0.40)                       | 0.30              | (0.22 - 0.42)                       |
| Midwest              | 0.51              | (0.42 - 0.61)                       | 0.16                | (0.10 - 0.25)                         | 0.95                | (0.74 - 1.21)                         | 0.47              | (0.38 - 0.59)                       | 0.54              | (0.45 - 0.65)                       |
| South                | 0.56              | (0.47 - 0.66)                       | 0.16                | (0.10 - 0.25)                         | 0.96                | (0.77 - 1.20)                         | 0.54              | (0.45 - 0.66)                       | 0.60              | (0.51 - 0.71)                       |
| West                 | 0.81              | (0.67 - 0.98)                       | 0.21                | (0.13 - 0.34)                         | 1.20                | (0.92 - 1.55)                         | 0.82              | (0.66 - 1.02)                       | 0.87              | (0.72 - 1.05)                       |
| Alabama              | 0.78              | (0.48 - 1.26)                       | 0.24                | (0.11 - 0.52)                         | 1.12                | (0.66 - 1.89)                         | 0.79              | (0.45 - 1.38)                       | 0.83              | (0.51 - 1.36)                       |
| Alaska               | 0.84              | (0.51 - 1.38)                       | 0.24                | (0.10 - 0.56)                         | 1.10                | (0.61 - 1.98)                         | 0.87              | (0.49 - 1.55)                       | 0.90              | (0.54 - 1.49)                       |
| Arizona              | 0.66              | (0.39 - 1.11)                       | 0.16                | (0.07 - 0.38)                         | 1.30                | (0.76 - 2.21)                         | 0.61              | (0.32 - 1.16)                       | 0.71              | (0.42 - 1.21)                       |
| Arkansas             | 0.92              | (0.57 - 1.50)                       | 0.26                | (0.12 - 0.57)                         | 1.59                | (0.98 - 2.58)                         | 0.90              | (0.50 - 1.59)                       | 0.99              | (0.61 - 1.62)                       |
| California           | 0.81              | (0.61 - 1.07)                       | 0.20                | (0.10 - 0.38)                         | 0.96                | (0.63 - 1.47)                         | 0.85              | (0.61 - 1.18)                       | 0.87              | (0.65 - 1.16)                       |
| Colorado             | 0.85              | (0.55 - 1.32)                       | 0.22                | (0.11 - 0.47)                         | 1.34                | (0.82 - 2.19)                         | 0.84              | (0.50 - 1.40)                       | 0.91              | (0.59 - 1.41)                       |
| Connecticut          | 0.29              | (0.15 - 0.56)                       | 0.09                | (0.03 - 0.26)                         | 0.45                | (0.24 - 0.85)                         | 0.29              | (0.13 - 0.62)                       | 0.31              | (0.16 - 0.60)                       |
| Delaware             | 0.40              | (0.21 - 0.74)                       | 0.18                | (0.08 - 0.42)                         | 0.37                | (0.18 - 0.79)                         | 0.43              | (0.21 - 0.85)                       | 0.42              | (0.22 - 0.79)                       |
| District of Columbia | 0.22              | (0.10 - 0.48)                       | 0.07                | (0.02 - 0.25)                         | 0.11                | (0.03 - 0.36)                         | 0.25              | (0.11 - 0.57)                       | 0.23              | (0.11 - 0.50)                       |
| Florida              | 0.47              | (0.32 - 0.70)                       | 0.15                | (0.08 - 0.29)                         | 0.75                | (0.47 - 1.18)                         | 0.47              | (0.29 - 0.74)                       | 0.50              | (0.33 - 0.75)                       |
| Georgia              | 0.54              | (0.33 - 0.90)                       | 0.17                | (0.08 - 0.36)                         | 0.59                | (0.35 - 0.99)                         | 0.59              | (0.34 - 1.02)                       | 0.59              | (0.35 - 0.97)                       |
| Hawaii               | 0.75              | (0.45 - 1.25)                       | 0.35                | (0.14 - 0.90)                         | 0.94                | (0.51 - 1.73)                         | 0.77              | (0.43 - 1.36)                       | 0.79              | (0.47 - 1.32)                       |
| Idaho                | 0.87              | (0.55 - 1.37)                       | 0.33                | (0.14 - 0.74)                         | 1.57                | (0.97 - 2.54)                         | 0.83              | (0.48 - 1.43)                       | 0.94              | (0.59 - 1.48)                       |
| Illinois             | 0.28              | (0.16 - 0.49)                       | 0.09                | (0.03 - 0.22)                         | 0.39                | (0.21 - 0.73)                         | 0.28              | (0.15 - 0.54)                       | 0.30              | (0.17 - 0.52)                       |
| Indiana              | 0.58              | (0.35 - 0.96)                       | 0.19                | (0.08 - 0.44)                         | 1.21                | (0.75 - 1.95)                         | 0.52              | (0.27 - 0.98)                       | 0.62              | (0.38 - 1.03)                       |
| Iowa                 | 0.56              | (0.34 - 0.92)                       | 0.15                | (0.06 - 0.34)                         | 1.12                | (0.67 - 1.88)                         | 0.50              | (0.27 - 0.94)                       | 0.60              | (0.36 - 0.99)                       |
| Kansas               | 0.82              | (0.51 - 1.33)                       | 0.20                | (0.09 - 0.44)                         | 1.51                | (0.94 - 2.41)                         | 0.78              | (0.43 - 1.41)                       | 0.89              | (0.55 - 1.44)                       |
| Kentucky             | 0.94              | (0.59 - 1.49)                       | 0.22                | (0.10 - 0.48)                         | 1.89                | (1.21 - 2.93)                         | 0.87              | (0.49 - 1.53)                       | 1.01              | (0.64 - 1.61)                       |
| Louisiana            | 0.44              | (0.25 - 0.77)                       | 0.14                | (0.06 - 0.33)                         | 0.67                | (0.38 - 1.18)                         | 0.44              | (0.23 - 0.84)                       | 0.47              | (0.27 - 0.83)                       |
| Maine                | 0.42              | (0.24 - 0.75)                       | 0.12                | (0.04 - 0.38)                         | 1.17                | (0.66 - 2.07)                         | 0.35              | (0.17 - 0.73)                       | 0.45              | (0.25 - 0.80)                       |
| Maryland             | 0.25              | (0.13 - 0.50)                       | 0.09                | (0.03 - 0.26)                         | 0.32                | (0.16 - 0.65)                         | 0.26              | (0.12 - 0.56)                       | 0.27              | (0.14 - 0.53)                       |
| Massachusetts        | 0.33              | (0.18 - 0.63)                       | 0.13                | (0.05 - 0.31)                         | 0.33                | (0.16 - 0.65)                         | 0.36              | (0.17 - 0.72)                       | 0.35              | (0.18 - 0.67)                       |
| Michigan             | 0.41              | (0.27 - 0.62)                       | 0.14                | (0.07 - 0.28)                         | 0.76                | (0.48 - 1.19)                         | 0.38              | (0.23 - 0.62)                       | 0.44              | (0.29 - 0.66)                       |
| Minnesota            | 0.76              | (0.47 - 1.23)                       | 0.27                | (0.12 - 0.61)                         | 1.22                | (0.72 - 2.06)                         | 0.74              | (0.42 - 1.31)                       | 0.81              | (0.50 - 1.31)                       |
| Mississippi          | 0.61              | (0.36 - 1.03)                       | 0.14                | (0.06 - 0.34)                         | 0.95                | (0.55 - 1.66)                         | 0.61              | (0.32 - 1.14)                       | 0.66              | (0.39 - 1.12)                       |
| Missouri             | 0.88              | (0.55 - 1.42)                       | 0.29                | (0.13 - 0.62)                         | 1.32                | (0.79 - 2.21)                         | 0.88              | (0.51 - 1.53)                       | 0.94              | (0.58 - 1.52)                       |
| Montana              | 0.68              | (0.42 - 1.12)                       | 0.17                | (0.07 - 0.37)                         | 1.62                | (1.00 - 2.63)                         | 0.59              | (0.31 - 1.11)                       | 0.73              | (0.44 - 1.20)                       |

See notes at end of table.

(continued)

**Table 11 *Methamphetamine Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs***  
(continued)

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 0.52              | (0.31 - 0.87)                       | 0.14                | (0.06 - 0.33)                         | 1.14                | (0.67 - 1.91)                         | 0.45              | (0.24 - 0.87)                       | 0.56              | (0.33 - 0.94)                       |
| Nevada         | 0.89              | (0.53 - 1.49)                       | 0.23                | (0.10 - 0.54)                         | 1.87                | (1.10 - 3.15)                         | 0.83              | (0.44 - 1.55)                       | 0.96              | (0.57 - 1.60)                       |
| New Hampshire  | 0.66              | (0.40 - 1.07)                       | 0.20                | (0.08 - 0.47)                         | 1.31                | (0.77 - 2.23)                         | 0.60              | (0.33 - 1.10)                       | 0.70              | (0.43 - 1.14)                       |
| New Jersey     | 0.24              | (0.12 - 0.48)                       | 0.08                | (0.03 - 0.25)                         | 0.35                | (0.17 - 0.71)                         | 0.25              | (0.11 - 0.53)                       | 0.26              | (0.13 - 0.51)                       |
| New Mexico     | 1.19              | (0.75 - 1.87)                       | 0.31                | (0.13 - 0.74)                         | 2.25                | (1.33 - 3.76)                         | 1.12              | (0.64 - 1.95)                       | 1.28              | (0.81 - 2.02)                       |
| New York       | 0.20              | (0.11 - 0.37)                       | 0.08                | (0.03 - 0.24)                         | 0.27                | (0.13 - 0.56)                         | 0.20              | (0.10 - 0.40)                       | 0.21              | (0.11 - 0.39)                       |
| North Carolina | 0.63              | (0.40 - 0.99)                       | 0.18                | (0.09 - 0.38)                         | 0.83                | (0.51 - 1.33)                         | 0.65              | (0.39 - 1.08)                       | 0.68              | (0.43 - 1.06)                       |
| North Dakota   | 0.96              | (0.61 - 1.51)                       | 0.29                | (0.13 - 0.64)                         | 1.81                | (1.10 - 2.96)                         | 0.86              | (0.48 - 1.51)                       | 1.02              | (0.65 - 1.61)                       |
| Ohio           | 0.36              | (0.22 - 0.58)                       | 0.10                | (0.04 - 0.26)                         | 0.83                | (0.52 - 1.35)                         | 0.31              | (0.17 - 0.57)                       | 0.39              | (0.24 - 0.62)                       |
| Oklahoma       | 0.77              | (0.48 - 1.24)                       | 0.22                | (0.10 - 0.46)                         | 1.75                | (1.10 - 2.76)                         | 0.68              | (0.38 - 1.22)                       | 0.84              | (0.52 - 1.34)                       |
| Oregon         | 1.00              | (0.64 - 1.54)                       | 0.27                | (0.13 - 0.55)                         | 1.80                | (1.14 - 2.84)                         | 0.95              | (0.56 - 1.60)                       | 1.06              | (0.68 - 1.65)                       |
| Pennsylvania   | 0.34              | (0.22 - 0.55)                       | 0.11                | (0.04 - 0.25)                         | 0.75                | (0.47 - 1.19)                         | 0.31              | (0.17 - 0.55)                       | 0.37              | (0.23 - 0.59)                       |
| Rhode Island   | 0.39              | (0.21 - 0.73)                       | 0.15                | (0.06 - 0.35)                         | 0.44                | (0.22 - 0.86)                         | 0.40              | (0.20 - 0.82)                       | 0.41              | (0.22 - 0.77)                       |
| South Carolina | 0.58              | (0.35 - 0.96)                       | 0.17                | (0.08 - 0.40)                         | 1.10                | (0.68 - 1.78)                         | 0.55              | (0.30 - 1.01)                       | 0.62              | (0.37 - 1.03)                       |
| South Dakota   | 0.88              | (0.54 - 1.42)                       | 0.30                | (0.14 - 0.65)                         | 1.62                | (1.00 - 2.60)                         | 0.82              | (0.45 - 1.49)                       | 0.94              | (0.58 - 1.52)                       |
| Tennessee      | 0.55              | (0.32 - 0.93)                       | 0.16                | (0.07 - 0.35)                         | 1.07                | (0.63 - 1.80)                         | 0.51              | (0.27 - 0.97)                       | 0.58              | (0.34 - 1.00)                       |
| Texas          | 0.56              | (0.40 - 0.80)                       | 0.13                | (0.06 - 0.27)                         | 1.12                | (0.75 - 1.68)                         | 0.52              | (0.34 - 0.81)                       | 0.62              | (0.43 - 0.87)                       |
| Utah           | 0.81              | (0.50 - 1.29)                       | 0.20                | (0.09 - 0.44)                         | 1.38                | (0.85 - 2.24)                         | 0.78              | (0.44 - 1.39)                       | 0.89              | (0.56 - 1.43)                       |
| Vermont        | 0.49              | (0.28 - 0.87)                       | 0.13                | (0.05 - 0.35)                         | 1.27                | (0.73 - 2.20)                         | 0.39              | (0.18 - 0.85)                       | 0.53              | (0.30 - 0.93)                       |
| Virginia       | 0.37              | (0.22 - 0.63)                       | 0.11                | (0.05 - 0.28)                         | 0.69                | (0.40 - 1.16)                         | 0.35              | (0.19 - 0.66)                       | 0.40              | (0.23 - 0.68)                       |
| Washington     | 0.73              | (0.45 - 1.20)                       | 0.19                | (0.09 - 0.41)                         | 1.20                | (0.74 - 1.91)                         | 0.72              | (0.40 - 1.29)                       | 0.78              | (0.48 - 1.28)                       |
| West Virginia  | 0.85              | (0.54 - 1.34)                       | 0.27                | (0.12 - 0.58)                         | 2.02                | (1.29 - 3.14)                         | 0.74              | (0.42 - 1.31)                       | 0.90              | (0.57 - 1.43)                       |
| Wisconsin      | 0.45              | (0.26 - 0.76)                       | 0.13                | (0.05 - 0.31)                         | 1.08                | (0.65 - 1.80)                         | 0.38              | (0.20 - 0.75)                       | 0.48              | (0.28 - 0.82)                       |
| Wyoming        | 0.81              | (0.51 - 1.28)                       | 0.23                | (0.11 - 0.49)                         | 1.58                | (0.97 - 2.55)                         | 0.75              | (0.43 - 1.32)                       | 0.86              | (0.54 - 1.38)                       |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 12 Pain Reliever Misuse in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 4.17              | (4.03 - 4.32)                       | 3.31                | (3.08 - 3.55)                         | 7.13                | (6.77 - 7.51)                         | 3.79              | (3.63 - 3.96)                       | 4.26              | (4.10 - 4.42)                       |
| Northeast            | 3.77              | (3.49 - 4.07)                       | 2.63                | (2.25 - 3.07)                         | 6.62                | (6.03 - 7.27)                         | 3.44              | (3.12 - 3.79)                       | 3.88              | (3.58 - 4.20)                       |
| Midwest              | 4.26              | (4.02 - 4.50)                       | 3.38                | (3.04 - 3.75)                         | 7.44                | (6.92 - 8.00)                         | 3.83              | (3.56 - 4.13)                       | 4.35              | (4.09 - 4.61)                       |
| South                | 4.12              | (3.91 - 4.34)                       | 3.40                | (3.08 - 3.75)                         | 7.16                | (6.71 - 7.64)                         | 3.72              | (3.47 - 3.98)                       | 4.19              | (3.97 - 4.43)                       |
| West                 | 4.48              | (4.18 - 4.81)                       | 3.56                | (3.12 - 4.06)                         | 7.20                | (6.56 - 7.89)                         | 4.14              | (3.78 - 4.53)                       | 4.58              | (4.25 - 4.93)                       |
| Alabama              | 4.53              | (3.81 - 5.37)                       | 4.24                | (3.13 - 5.72)                         | 8.11                | (6.57 - 9.98)                         | 3.98              | (3.18 - 4.97)                       | 4.56              | (3.80 - 5.45)                       |
| Alaska               | 4.81              | (4.03 - 5.73)                       | 3.65                | (2.70 - 4.92)                         | 8.02                | (6.42 - 9.97)                         | 4.42              | (3.53 - 5.53)                       | 4.94              | (4.10 - 5.93)                       |
| Arizona              | 4.27              | (3.52 - 5.18)                       | 3.41                | (2.49 - 4.65)                         | 7.44                | (5.98 - 9.22)                         | 3.85              | (2.99 - 4.95)                       | 4.36              | (3.55 - 5.34)                       |
| Arkansas             | 5.03              | (4.21 - 6.01)                       | 4.11                | (3.03 - 5.54)                         | 7.44                | (5.95 - 9.27)                         | 4.75              | (3.80 - 5.93)                       | 5.13              | (4.26 - 6.18)                       |
| California           | 4.30              | (3.86 - 4.79)                       | 3.61                | (2.97 - 4.37)                         | 6.77                | (5.83 - 7.86)                         | 3.97              | (3.45 - 4.55)                       | 4.37              | (3.90 - 4.90)                       |
| Colorado             | 4.87              | (4.07 - 5.83)                       | 3.86                | (2.81 - 5.27)                         | 8.36                | (6.71 - 10.38)                        | 4.43              | (3.51 - 5.56)                       | 4.98              | (4.13 - 5.99)                       |
| Connecticut          | 4.21              | (3.49 - 5.08)                       | 3.23                | (2.38 - 4.38)                         | 7.52                | (6.02 - 9.36)                         | 3.79              | (2.96 - 4.83)                       | 4.31              | (3.54 - 5.24)                       |
| Delaware             | 4.23              | (3.50 - 5.10)                       | 2.89                | (2.10 - 3.96)                         | 6.90                | (5.49 - 8.65)                         | 3.98              | (3.15 - 5.00)                       | 4.35              | (3.58 - 5.28)                       |
| District of Columbia | 4.39              | (3.61 - 5.32)                       | 3.91                | (2.75 - 5.54)                         | 6.86                | (5.44 - 8.61)                         | 3.94              | (3.08 - 5.03)                       | 4.42              | (3.62 - 5.38)                       |
| Florida              | 4.18              | (3.66 - 4.78)                       | 3.44                | (2.80 - 4.23)                         | 6.58                | (5.61 - 7.71)                         | 3.93              | (3.32 - 4.64)                       | 4.25              | (3.69 - 4.89)                       |
| Georgia              | 3.61              | (3.02 - 4.31)                       | 2.74                | (1.97 - 3.78)                         | 6.47                | (5.20 - 8.02)                         | 3.24              | (2.57 - 4.08)                       | 3.71              | (3.08 - 4.46)                       |
| Hawaii               | 3.32              | (2.70 - 4.08)                       | 2.66                | (1.87 - 3.77)                         | 6.27                | (4.93 - 7.94)                         | 2.99              | (2.29 - 3.88)                       | 3.38              | (2.72 - 4.19)                       |
| Idaho                | 4.25              | (3.54 - 5.09)                       | 3.45                | (2.56 - 4.64)                         | 7.20                | (5.80 - 8.92)                         | 3.87              | (3.05 - 4.90)                       | 4.34              | (3.58 - 5.26)                       |
| Illinois             | 3.70              | (3.22 - 4.24)                       | 3.24                | (2.54 - 4.11)                         | 7.12                | (5.99 - 8.44)                         | 3.20              | (2.65 - 3.85)                       | 3.74              | (3.23 - 4.33)                       |
| Indiana              | 4.83              | (4.06 - 5.72)                       | 3.69                | (2.69 - 5.04)                         | 8.82                | (7.13 - 10.86)                        | 4.27              | (3.40 - 5.35)                       | 4.95              | (4.14 - 5.91)                       |
| Iowa                 | 4.19              | (3.48 - 5.05)                       | 3.17                | (2.34 - 4.29)                         | 7.55                | (6.07 - 9.34)                         | 3.72              | (2.91 - 4.74)                       | 4.30              | (3.54 - 5.22)                       |
| Kansas               | 4.58              | (3.84 - 5.44)                       | 3.59                | (2.67 - 4.82)                         | 7.49                | (6.04 - 9.24)                         | 4.18              | (3.34 - 5.22)                       | 4.69              | (3.90 - 5.62)                       |
| Kentucky             | 4.34              | (3.60 - 5.23)                       | 3.40                | (2.52 - 4.56)                         | 7.43                | (5.99 - 9.19)                         | 3.95              | (3.11 - 5.02)                       | 4.44              | (3.66 - 5.38)                       |
| Louisiana            | 4.12              | (3.41 - 4.97)                       | 3.00                | (2.16 - 4.16)                         | 6.83                | (5.41 - 8.60)                         | 3.81              | (2.99 - 4.85)                       | 4.24              | (3.48 - 5.15)                       |
| Maine                | 3.94              | (3.23 - 4.79)                       | 2.70                | (1.97 - 3.69)                         | 7.37                | (5.96 - 9.08)                         | 3.60              | (2.80 - 4.60)                       | 4.04              | (3.29 - 4.95)                       |
| Maryland             | 3.90              | (3.25 - 4.68)                       | 3.05                | (2.23 - 4.15)                         | 7.32                | (5.88 - 9.07)                         | 3.47              | (2.74 - 4.39)                       | 3.98              | (3.29 - 4.82)                       |
| Massachusetts        | 3.60              | (2.93 - 4.43)                       | 2.58                | (1.85 - 3.61)                         | 6.08                | (4.76 - 7.73)                         | 3.29              | (2.52 - 4.27)                       | 3.70              | (2.98 - 4.57)                       |
| Michigan             | 4.37              | (3.83 - 5.00)                       | 3.50                | (2.79 - 4.38)                         | 7.10                | (6.04 - 8.33)                         | 4.02              | (3.38 - 4.78)                       | 4.46              | (3.87 - 5.14)                       |
| Minnesota            | 4.19              | (3.48 - 5.04)                       | 3.17                | (2.35 - 4.27)                         | 6.36                | (5.02 - 8.02)                         | 3.97              | (3.15 - 5.00)                       | 4.30              | (3.53 - 5.22)                       |
| Mississippi          | 4.25              | (3.55 - 5.07)                       | 4.31                | (3.19 - 5.80)                         | 7.30                | (5.80 - 9.15)                         | 3.71              | (2.93 - 4.68)                       | 4.24              | (3.51 - 5.12)                       |
| Missouri             | 4.31              | (3.60 - 5.15)                       | 3.53                | (2.63 - 4.71)                         | 7.14                | (5.73 - 8.86)                         | 3.94              | (3.13 - 4.95)                       | 4.39              | (3.63 - 5.29)                       |
| Montana              | 4.55              | (3.80 - 5.44)                       | 3.43                | (2.54 - 4.60)                         | 8.17                | (6.65 - 10.00)                        | 4.09              | (3.24 - 5.14)                       | 4.65              | (3.86 - 5.60)                       |

See notes at end of table.

(continued)

**Table 12 *Pain Reliever Misuse in the Past Year*, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 3.76              | (3.08 - 4.58)                       | 2.98                | (2.16 - 4.10)                         | 7.18                | (5.74 - 8.95)                         | 3.25              | (2.49 - 4.23)                       | 3.84              | (3.13 - 4.72)                       |
| Nevada         | 4.97              | (4.09 - 6.03)                       | 3.78                | (2.76 - 5.15)                         | 8.07                | (6.47 - 10.04)                        | 4.66              | (3.66 - 5.92)                       | 5.09              | (4.15 - 6.22)                       |
| New Hampshire  | 4.22              | (3.50 - 5.08)                       | 3.00                | (2.20 - 4.08)                         | 7.06                | (5.68 - 8.76)                         | 3.91              | (3.09 - 4.94)                       | 4.33              | (3.57 - 5.25)                       |
| New Jersey     | 3.57              | (2.99 - 4.26)                       | 2.46                | (1.79 - 3.38)                         | 6.52                | (5.27 - 8.04)                         | 3.26              | (2.61 - 4.07)                       | 3.68              | (3.06 - 4.41)                       |
| New Mexico     | 4.15              | (3.45 - 5.00)                       | 3.32                | (2.43 - 4.51)                         | 7.76                | (6.20 - 9.67)                         | 3.66              | (2.86 - 4.68)                       | 4.24              | (3.49 - 5.15)                       |
| New York       | 3.43              | (2.97 - 3.97)                       | 2.47                | (1.87 - 3.26)                         | 6.19                | (5.21 - 7.33)                         | 3.09              | (2.55 - 3.73)                       | 3.52              | (3.02 - 4.09)                       |
| North Carolina | 4.28              | (3.64 - 5.03)                       | 3.60                | (2.76 - 4.69)                         | 7.59                | (6.23 - 9.22)                         | 3.84              | (3.10 - 4.74)                       | 4.35              | (3.66 - 5.16)                       |
| North Dakota   | 4.06              | (3.39 - 4.86)                       | 3.28                | (2.42 - 4.43)                         | 6.96                | (5.58 - 8.65)                         | 3.55              | (2.78 - 4.52)                       | 4.13              | (3.42 - 4.99)                       |
| Ohio           | 4.67              | (4.10 - 5.32)                       | 3.49                | (2.79 - 4.36)                         | 8.00                | (6.79 - 9.39)                         | 4.28              | (3.61 - 5.07)                       | 4.79              | (4.18 - 5.49)                       |
| Oklahoma       | 4.38              | (3.65 - 5.24)                       | 3.75                | (2.80 - 5.01)                         | 8.25                | (6.64 - 10.22)                        | 3.79              | (2.96 - 4.86)                       | 4.45              | (3.67 - 5.38)                       |
| Oregon         | 5.35              | (4.48 - 6.38)                       | 3.68                | (2.71 - 4.97)                         | 8.59                | (7.00 - 10.50)                        | 5.05              | (4.04 - 6.29)                       | 5.51              | (4.58 - 6.61)                       |
| Pennsylvania   | 4.24              | (3.67 - 4.89)                       | 2.73                | (2.09 - 3.55)                         | 7.18                | (6.04 - 8.50)                         | 3.95              | (3.29 - 4.74)                       | 4.38              | (3.78 - 5.08)                       |
| Rhode Island   | 4.59              | (3.81 - 5.52)                       | 3.32                | (2.42 - 4.55)                         | 7.42                | (6.00 - 9.14)                         | 4.22              | (3.33 - 5.32)                       | 4.70              | (3.88 - 5.69)                       |
| South Carolina | 4.32              | (3.62 - 5.15)                       | 3.77                | (2.79 - 5.08)                         | 8.17                | (6.66 - 9.99)                         | 3.78              | (2.99 - 4.76)                       | 4.37              | (3.63 - 5.26)                       |
| South Dakota   | 4.51              | (3.76 - 5.39)                       | 3.66                | (2.72 - 4.91)                         | 7.80                | (6.30 - 9.62)                         | 4.05              | (3.19 - 5.14)                       | 4.60              | (3.80 - 5.55)                       |
| Tennessee      | 4.16              | (3.47 - 4.98)                       | 3.32                | (2.46 - 4.47)                         | 8.03                | (6.44 - 9.98)                         | 3.65              | (2.88 - 4.61)                       | 4.25              | (3.51 - 5.13)                       |
| Texas          | 4.02              | (3.58 - 4.51)                       | 3.39                | (2.72 - 4.21)                         | 6.94                | (5.97 - 8.05)                         | 3.58              | (3.07 - 4.18)                       | 4.09              | (3.62 - 4.63)                       |
| Utah           | 4.66              | (3.93 - 5.51)                       | 3.45                | (2.51 - 4.73)                         | 7.49                | (6.01 - 9.30)                         | 4.23              | (3.38 - 5.29)                       | 4.83              | (4.05 - 5.75)                       |
| Vermont        | 4.22              | (3.51 - 5.08)                       | 2.76                | (2.00 - 3.79)                         | 8.02                | (6.44 - 9.95)                         | 3.71              | (2.91 - 4.72)                       | 4.35              | (3.59 - 5.25)                       |
| Virginia       | 3.85              | (3.26 - 4.55)                       | 3.15                | (2.38 - 4.15)                         | 7.04                | (5.78 - 8.56)                         | 3.42              | (2.75 - 4.24)                       | 3.92              | (3.29 - 4.66)                       |
| Washington     | 4.94              | (4.10 - 5.94)                       | 3.45                | (2.53 - 4.68)                         | 6.97                | (5.58 - 8.68)                         | 4.79              | (3.81 - 6.01)                       | 5.08              | (4.19 - 6.15)                       |
| West Virginia  | 4.06              | (3.35 - 4.91)                       | 2.86                | (2.04 - 4.00)                         | 7.19                | (5.76 - 8.95)                         | 3.73              | (2.94 - 4.72)                       | 4.17              | (3.41 - 5.08)                       |
| Wisconsin      | 3.83              | (3.16 - 4.64)                       | 3.04                | (2.24 - 4.11)                         | 7.37                | (5.93 - 9.13)                         | 3.35              | (2.59 - 4.31)                       | 3.91              | (3.19 - 4.79)                       |
| Wyoming        | 4.18              | (3.46 - 5.05)                       | 3.09                | (2.26 - 4.22)                         | 7.41                | (5.96 - 9.17)                         | 3.80              | (2.98 - 4.82)                       | 4.29              | (3.53 - 5.21)                       |

NOTE: Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 13 Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 51.21             | (50.75 - 51.67)                     | 9.54                | (9.12 - 9.98)                         | 56.74               | (55.91 - 57.58)                       | 55.22             | (54.66 - 55.78)                     | 55.43             | (54.93 - 55.94)                     |
| Northeast            | 56.44             | (55.53 - 57.35)                     | 10.64               | (9.87 - 11.47)                        | 63.24               | (61.41 - 65.04)                       | 60.30             | (59.21 - 61.38)                     | 60.71             | (59.71 - 61.69)                     |
| Midwest              | 54.36             | (53.55 - 55.17)                     | 10.09               | (9.47 - 10.75)                        | 60.78               | (59.15 - 62.38)                       | 58.62             | (57.65 - 59.58)                     | 58.92             | (58.04 - 59.81)                     |
| South                | 47.13             | (46.46 - 47.79)                     | 9.05                | (8.52 - 9.60)                         | 52.87               | (51.30 - 54.43)                       | 50.79             | (50.00 - 51.57)                     | 51.07             | (50.34 - 51.81)                     |
| West                 | 50.99             | (50.16 - 51.82)                     | 9.08                | (8.43 - 9.77)                         | 54.43               | (52.66 - 56.20)                       | 55.43             | (54.43 - 56.42)                     | 55.29             | (54.37 - 56.20)                     |
| Alabama              | 41.98             | (39.36 - 44.64)                     | 8.88                | (7.23 - 10.87)                        | 50.18               | (46.18 - 54.17)                       | 44.56             | (41.35 - 47.81)                     | 45.34             | (42.47 - 48.25)                     |
| Alaska               | 51.61             | (48.83 - 54.39)                     | 10.10               | (8.30 - 12.24)                        | 55.68               | (51.35 - 59.94)                       | 56.35             | (52.94 - 59.70)                     | 56.25             | (53.17 - 59.28)                     |
| Arizona              | 50.40             | (47.39 - 53.40)                     | 8.26                | (6.71 - 10.13)                        | 52.61               | (48.38 - 56.81)                       | 55.20             | (51.52 - 58.83)                     | 54.83             | (51.50 - 58.11)                     |
| Arkansas             | 39.89             | (37.15 - 42.70)                     | 8.92                | (7.29 - 10.87)                        | 48.15               | (44.10 - 52.23)                       | 42.35             | (39.00 - 45.77)                     | 43.17             | (40.15 - 46.23)                     |
| California           | 50.45             | (49.20 - 51.71)                     | 8.95                | (7.92 - 10.10)                        | 53.66               | (51.20 - 56.10)                       | 54.85             | (53.31 - 56.39)                     | 54.68             | (53.30 - 56.05)                     |
| Colorado             | 59.48             | (56.77 - 62.13)                     | 9.75                | (7.98 - 11.86)                        | 62.66               | (58.62 - 66.54)                       | 64.79             | (61.47 - 67.98)                     | 64.49             | (61.52 - 67.36)                     |
| Connecticut          | 60.21             | (57.20 - 63.15)                     | 11.42               | (9.47 - 13.71)                        | 67.03               | (63.00 - 70.83)                       | 64.73             | (61.04 - 68.25)                     | 65.05             | (61.74 - 68.22)                     |
| Delaware             | 51.38             | (48.45 - 54.29)                     | 8.38                | (6.76 - 10.35)                        | 54.78               | (50.72 - 58.78)                       | 55.51             | (51.95 - 59.02)                     | 55.42             | (52.22 - 58.59)                     |
| District of Columbia | 66.79             | (64.05 - 69.43)                     | 8.42                | (6.74 - 10.48)                        | 69.71               | (65.55 - 73.57)                       | 70.17             | (66.88 - 73.26)                     | 70.08             | (67.17 - 72.84)                     |
| Florida              | 51.80             | (50.13 - 53.47)                     | 9.86                | (8.67 - 11.20)                        | 56.43               | (53.72 - 59.10)                       | 55.30             | (53.30 - 57.27)                     | 55.44             | (53.64 - 57.24)                     |
| Georgia              | 44.78             | (42.45 - 47.12)                     | 7.76                | (6.44 - 9.33)                         | 50.71               | (47.27 - 54.14)                       | 48.65             | (45.79 - 51.51)                     | 48.94             | (46.36 - 51.53)                     |
| Hawaii               | 45.13             | (42.17 - 48.13)                     | 8.13                | (6.50 - 10.13)                        | 55.13               | (50.92 - 59.27)                       | 47.54             | (44.02 - 51.07)                     | 48.46             | (45.24 - 51.69)                     |
| Idaho                | 46.47             | (43.76 - 49.21)                     | 9.07                | (7.43 - 11.04)                        | 49.44               | (45.31 - 53.59)                       | 51.25             | (47.88 - 54.60)                     | 50.99             | (47.96 - 54.01)                     |
| Illinois             | 54.53             | (52.75 - 56.31)                     | 10.33               | (8.97 - 11.88)                        | 59.68               | (56.65 - 62.63)                       | 59.02             | (56.82 - 61.19)                     | 59.12             | (57.15 - 61.05)                     |
| Indiana              | 49.89             | (47.13 - 52.66)                     | 9.21                | (7.56 - 11.17)                        | 59.83               | (55.79 - 63.74)                       | 53.32             | (49.96 - 56.66)                     | 54.29             | (51.24 - 57.30)                     |
| Iowa                 | 58.44             | (55.69 - 61.15)                     | 9.68                | (7.87 - 11.87)                        | 64.91               | (61.10 - 68.54)                       | 63.21             | (59.78 - 66.51)                     | 63.46             | (60.41 - 66.40)                     |
| Kansas               | 57.20             | (54.58 - 59.78)                     | 10.27               | (8.49 - 12.39)                        | 59.53               | (55.66 - 63.30)                       | 62.94             | (59.63 - 66.13)                     | 62.42             | (59.51 - 65.24)                     |
| Kentucky             | 39.80             | (37.12 - 42.53)                     | 10.25               | (8.42 - 12.44)                        | 49.27               | (45.22 - 53.33)                       | 41.74             | (38.48 - 45.08)                     | 42.79             | (39.87 - 45.77)                     |
| Louisiana            | 50.12             | (47.45 - 52.80)                     | 10.19               | (8.39 - 12.33)                        | 54.27               | (50.20 - 58.28)                       | 54.34             | (51.07 - 57.58)                     | 54.33             | (51.37 - 57.26)                     |
| Maine                | 56.16             | (53.10 - 59.17)                     | 11.24               | (9.36 - 13.45)                        | 64.29               | (60.48 - 67.92)                       | 59.37             | (55.71 - 62.93)                     | 59.96             | (56.63 - 63.20)                     |
| Maryland             | 53.30             | (50.59 - 56.00)                     | 9.48                | (7.72 - 11.58)                        | 59.08               | (55.09 - 62.95)                       | 57.41             | (54.09 - 60.67)                     | 57.64             | (54.66 - 60.56)                     |
| Massachusetts        | 61.36             | (58.48 - 64.15)                     | 12.72               | (10.46 - 15.38)                       | 70.51               | (66.62 - 74.12)                       | 64.91             | (61.40 - 68.27)                     | 65.73             | (62.61 - 68.72)                     |
| Michigan             | 53.18             | (51.35 - 55.01)                     | 10.76               | (9.42 - 12.27)                        | 58.90               | (56.14 - 61.60)                       | 57.21             | (54.94 - 59.45)                     | 57.45             | (55.44 - 59.44)                     |
| Minnesota            | 57.93             | (55.15 - 60.66)                     | 9.78                | (8.02 - 11.87)                        | 65.46               | (61.44 - 69.26)                       | 62.46             | (59.08 - 65.73)                     | 62.87             | (59.82 - 65.83)                     |
| Mississippi          | 38.22             | (35.47 - 41.05)                     | 7.65                | (6.16 - 9.46)                         | 44.24               | (40.02 - 48.54)                       | 41.12             | (37.77 - 44.57)                     | 41.58             | (38.54 - 44.69)                     |
| Missouri             | 50.93             | (48.20 - 53.64)                     | 10.80               | (8.93 - 13.00)                        | 55.78               | (51.57 - 59.91)                       | 54.87             | (51.58 - 58.12)                     | 55.00             | (52.02 - 57.94)                     |
| Montana              | 57.53             | (54.83 - 60.19)                     | 12.82               | (10.66 - 15.33)                       | 64.38               | (60.52 - 68.05)                       | 61.26             | (57.96 - 64.45)                     | 61.69             | (58.73 - 64.56)                     |

See notes at end of table.

(continued)

**Table 13 Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 58.34             | (55.56 - 61.07)                     | 10.21               | (8.40 - 12.34)                        | 62.94               | (58.94 - 66.78)                       | 63.73             | (60.27 - 67.05)                     | 63.60             | (60.52 - 66.58)                     |
| Nevada         | 48.25             | (45.25 - 51.26)                     | 9.63                | (7.89 - 11.71)                        | 49.94               | (45.59 - 54.29)                       | 52.45             | (48.85 - 56.03)                     | 52.14             | (48.85 - 55.41)                     |
| New Hampshire  | 63.12             | (60.48 - 65.69)                     | 11.30               | (9.31 - 13.64)                        | 69.33               | (65.38 - 73.02)                       | 67.56             | (64.35 - 70.61)                     | 67.80             | (64.92 - 70.55)                     |
| New Jersey     | 53.13             | (50.72 - 55.52)                     | 10.87               | (9.10 - 12.92)                        | 59.91               | (56.15 - 63.55)                       | 56.99             | (54.05 - 59.87)                     | 57.37             | (54.73 - 59.98)                     |
| New Mexico     | 48.98             | (46.16 - 51.80)                     | 10.32               | (8.45 - 12.56)                        | 53.37               | (49.11 - 57.59)                       | 53.04             | (49.61 - 56.44)                     | 53.09             | (50.00 - 56.16)                     |
| New York       | 54.73             | (53.07 - 56.38)                     | 9.85                | (8.57 - 11.31)                        | 62.07               | (59.36 - 64.71)                       | 58.29             | (56.29 - 60.26)                     | 58.82             | (57.02 - 60.60)                     |
| North Carolina | 44.43             | (42.20 - 46.69)                     | 8.81                | (7.35 - 10.53)                        | 49.57               | (46.05 - 53.09)                       | 47.85             | (45.13 - 50.58)                     | 48.09             | (45.63 - 50.55)                     |
| North Dakota   | 59.70             | (56.99 - 62.36)                     | 10.97               | (9.11 - 13.16)                        | 67.58               | (63.67 - 71.25)                       | 63.52             | (60.16 - 66.76)                     | 64.20             | (61.24 - 67.06)                     |
| Ohio           | 51.06             | (49.21 - 52.91)                     | 9.13                | (7.87 - 10.58)                        | 58.68               | (55.90 - 61.41)                       | 54.80             | (52.51 - 57.06)                     | 55.33             | (53.29 - 57.35)                     |
| Oklahoma       | 44.79             | (42.07 - 47.53)                     | 8.88                | (7.17 - 10.94)                        | 52.60               | (48.46 - 56.70)                       | 48.05             | (44.68 - 51.44)                     | 48.72             | (45.71 - 51.73)                     |
| Oregon         | 58.49             | (55.83 - 61.10)                     | 10.54               | (8.65 - 12.78)                        | 62.70               | (58.81 - 66.44)                       | 62.88             | (59.68 - 65.96)                     | 62.86             | (59.96 - 65.67)                     |
| Pennsylvania   | 56.42             | (54.68 - 58.15)                     | 10.06               | (8.70 - 11.60)                        | 60.30               | (57.30 - 63.23)                       | 60.79             | (58.68 - 62.86)                     | 60.73             | (58.83 - 62.60)                     |
| Rhode Island   | 60.15             | (57.31 - 62.93)                     | 11.01               | (8.99 - 13.42)                        | 67.96               | (63.97 - 71.71)                       | 63.88             | (60.42 - 67.20)                     | 64.49             | (61.41 - 67.46)                     |
| South Carolina | 45.33             | (42.58 - 48.12)                     | 8.65                | (7.03 - 10.59)                        | 53.32               | (49.43 - 57.18)                       | 48.23             | (44.88 - 51.58)                     | 48.91             | (45.90 - 51.94)                     |
| South Dakota   | 59.47             | (56.69 - 62.18)                     | 11.27               | (9.41 - 13.46)                        | 64.44               | (60.60 - 68.11)                       | 64.59             | (61.15 - 67.88)                     | 64.57             | (61.50 - 67.51)                     |
| Tennessee      | 43.68             | (41.08 - 46.31)                     | 9.01                | (7.40 - 10.93)                        | 50.52               | (46.40 - 54.64)                       | 46.63             | (43.48 - 49.80)                     | 47.16             | (44.31 - 50.04)                     |
| Texas          | 47.12             | (45.72 - 48.53)                     | 8.77                | (7.64 - 10.05)                        | 51.65               | (48.98 - 54.31)                       | 51.74             | (49.99 - 53.49)                     | 51.72             | (50.16 - 53.28)                     |
| Utah           | 29.25             | (26.85 - 31.78)                     | 5.77                | (4.23 - 7.83)                         | 36.17               | (31.74 - 40.83)                       | 31.76             | (28.74 - 34.95)                     | 32.54             | (29.83 - 35.38)                     |
| Vermont        | 62.09             | (59.19 - 64.91)                     | 13.62               | (11.35 - 16.27)                       | 70.91               | (66.72 - 74.76)                       | 65.34             | (61.82 - 68.69)                     | 66.16             | (63.02 - 69.16)                     |
| Virginia       | 52.31             | (50.10 - 54.52)                     | 9.62                | (8.13 - 11.35)                        | 58.85               | (55.49 - 62.12)                       | 56.16             | (53.46 - 58.82)                     | 56.53             | (54.10 - 58.93)                     |
| Washington     | 55.23             | (52.29 - 58.13)                     | 10.05               | (8.24 - 12.20)                        | 60.41               | (56.36 - 64.31)                       | 59.42             | (55.88 - 62.86)                     | 59.55             | (56.35 - 62.67)                     |
| West Virginia  | 39.73             | (36.94 - 42.59)                     | 10.10               | (8.33 - 12.18)                        | 53.31               | (49.28 - 57.30)                       | 40.78             | (37.47 - 44.17)                     | 42.38             | (39.35 - 45.46)                     |
| Wisconsin      | 61.60             | (58.81 - 64.31)                     | 10.73               | (8.89 - 12.89)                        | 68.43               | (64.60 - 72.02)                       | 66.42             | (63.00 - 69.69)                     | 66.71             | (63.64 - 69.64)                     |
| Wyoming        | 49.88             | (46.94 - 52.83)                     | 9.68                | (7.89 - 11.83)                        | 57.76               | (53.65 - 61.76)                       | 53.37             | (49.79 - 56.92)                     | 53.97             | (50.74 - 57.17)                     |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.



**Table 14 Binge Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 24.37             | (23.99 - 24.75)                     | 5.06                | (4.76 - 5.39)                         | 37.62               | (36.83 - 38.41)                       | 24.49             | (24.03 - 24.94)                     | 26.33             | (25.91 - 26.74)                     |
| Northeast            | 26.45             | (25.65 - 27.26)                     | 5.83                | (5.31 - 6.39)                         | 43.73               | (42.12 - 45.35)                       | 25.92             | (24.96 - 26.90)                     | 28.36             | (27.50 - 29.24)                     |
| Midwest              | 26.42             | (25.74 - 27.12)                     | 5.59                | (5.16 - 6.05)                         | 41.48               | (40.06 - 42.91)                       | 26.43             | (25.60 - 27.28)                     | 28.57             | (27.83 - 29.33)                     |
| South                | 22.81             | (22.26 - 23.36)                     | 4.60                | (4.24 - 5.00)                         | 34.00               | (32.76 - 35.26)                       | 23.19             | (22.52 - 23.88)                     | 24.69             | (24.09 - 25.30)                     |
| West                 | 23.47             | (22.78 - 24.18)                     | 4.82                | (4.37 - 5.32)                         | 35.35               | (33.81 - 36.91)                       | 23.73             | (22.90 - 24.59)                     | 25.39             | (24.62 - 26.16)                     |
| Alabama              | 21.40             | (19.28 - 23.69)                     | 4.43                | (3.41 - 5.72)                         | 31.46               | (28.04 - 35.10)                       | 21.78             | (19.27 - 24.51)                     | 23.13             | (20.81 - 25.62)                     |
| Alaska               | 24.20             | (21.96 - 26.59)                     | 5.08                | (3.95 - 6.52)                         | 35.75               | (32.01 - 39.67)                       | 24.75             | (22.11 - 27.59)                     | 26.33             | (23.87 - 28.95)                     |
| Arizona              | 23.10             | (20.77 - 25.62)                     | 4.66                | (3.62 - 5.97)                         | 33.39               | (29.63 - 37.37)                       | 23.66             | (20.91 - 26.64)                     | 25.04             | (22.48 - 27.79)                     |
| Arkansas             | 19.49             | (17.45 - 21.70)                     | 4.59                | (3.53 - 5.95)                         | 31.55               | (28.03 - 35.30)                       | 19.34             | (16.93 - 22.00)                     | 21.06             | (18.84 - 23.48)                     |
| California           | 23.52             | (22.45 - 24.62)                     | 4.62                | (3.93 - 5.42)                         | 34.99               | (32.79 - 37.26)                       | 23.82             | (22.53 - 25.17)                     | 25.44             | (24.27 - 26.64)                     |
| Colorado             | 26.97             | (24.66 - 29.41)                     | 5.59                | (4.40 - 7.08)                         | 40.44               | (36.30 - 44.72)                       | 27.28             | (24.59 - 30.15)                     | 29.12             | (26.60 - 31.78)                     |
| Connecticut          | 28.30             | (25.78 - 30.96)                     | 6.38                | (4.97 - 8.16)                         | 47.02               | (42.86 - 51.23)                       | 27.78             | (24.81 - 30.96)                     | 30.47             | (27.73 - 33.36)                     |
| Delaware             | 22.51             | (20.25 - 24.95)                     | 4.30                | (3.30 - 5.59)                         | 37.87               | (34.00 - 41.91)                       | 22.19             | (19.57 - 25.06)                     | 24.23             | (21.78 - 26.86)                     |
| District of Columbia | 37.01             | (34.20 - 39.92)                     | 4.84                | (3.61 - 6.44)                         | 53.01               | (48.62 - 57.35)                       | 36.07             | (32.76 - 39.51)                     | 38.83             | (35.87 - 41.87)                     |
| Florida              | 24.66             | (23.23 - 26.15)                     | 5.11                | (4.31 - 6.05)                         | 35.56               | (33.17 - 38.03)                       | 25.09             | (23.40 - 26.86)                     | 26.36             | (24.81 - 27.96)                     |
| Georgia              | 20.61             | (18.87 - 22.47)                     | 3.52                | (2.71 - 4.57)                         | 31.39               | (28.38 - 34.57)                       | 21.05             | (18.97 - 23.28)                     | 22.54             | (20.62 - 24.57)                     |
| Hawaii               | 20.44             | (18.26 - 22.80)                     | 4.42                | (3.31 - 5.87)                         | 34.09               | (30.39 - 38.00)                       | 20.19             | (17.69 - 22.95)                     | 21.88             | (19.53 - 24.42)                     |
| Idaho                | 21.70             | (19.61 - 23.95)                     | 5.07                | (3.95 - 6.47)                         | 32.82               | (29.15 - 36.71)                       | 22.20             | (19.69 - 24.93)                     | 23.71             | (21.41 - 26.19)                     |
| Illinois             | 27.53             | (25.96 - 29.16)                     | 5.72                | (4.78 - 6.83)                         | 42.92               | (40.16 - 45.71)                       | 27.67             | (25.77 - 29.65)                     | 29.80             | (28.07 - 31.58)                     |
| Indiana              | 23.06             | (20.82 - 25.45)                     | 5.09                | (3.95 - 6.53)                         | 38.24               | (34.27 - 42.36)                       | 22.69             | (20.03 - 25.58)                     | 25.00             | (22.54 - 27.62)                     |
| Iowa                 | 29.66             | (27.20 - 32.24)                     | 5.90                | (4.61 - 7.51)                         | 46.38               | (42.38 - 50.42)                       | 29.56             | (26.62 - 32.68)                     | 32.10             | (29.41 - 34.92)                     |
| Kansas               | 26.13             | (23.84 - 28.57)                     | 6.36                | (5.04 - 8.01)                         | 39.68               | (35.80 - 43.70)                       | 26.30             | (23.54 - 29.27)                     | 28.33             | (25.81 - 31.00)                     |
| Kentucky             | 21.79             | (19.64 - 24.09)                     | 5.95                | (4.61 - 7.65)                         | 33.83               | (30.16 - 37.71)                       | 21.70             | (19.18 - 24.45)                     | 23.39             | (21.07 - 25.89)                     |
| Louisiana            | 26.72             | (24.45 - 29.11)                     | 5.21                | (4.04 - 6.70)                         | 35.73               | (31.96 - 39.68)                       | 27.87             | (25.17 - 30.74)                     | 28.98             | (26.50 - 31.60)                     |
| Maine                | 23.53             | (21.15 - 26.09)                     | 5.94                | (4.72 - 7.46)                         | 40.11               | (36.22 - 44.13)                       | 22.99             | (20.27 - 25.96)                     | 25.02             | (22.45 - 27.77)                     |
| Maryland             | 23.77             | (21.59 - 26.09)                     | 4.63                | (3.57 - 5.97)                         | 39.58               | (35.74 - 43.56)                       | 23.53             | (20.96 - 26.30)                     | 25.66             | (23.29 - 28.19)                     |
| Massachusetts        | 31.50             | (28.91 - 34.21)                     | 7.43                | (5.80 - 9.48)                         | 50.76               | (46.62 - 54.89)                       | 30.73             | (27.66 - 33.98)                     | 33.67             | (30.87 - 36.58)                     |
| Michigan             | 25.16             | (23.66 - 26.72)                     | 5.46                | (4.54 - 6.56)                         | 39.18               | (36.46 - 41.97)                       | 25.12             | (23.33 - 26.99)                     | 27.14             | (25.51 - 28.83)                     |
| Minnesota            | 26.32             | (24.00 - 28.78)                     | 5.14                | (4.00 - 6.57)                         | 44.81               | (40.82 - 48.88)                       | 25.91             | (23.17 - 28.87)                     | 28.50             | (25.96 - 31.18)                     |
| Mississippi          | 20.62             | (18.42 - 23.01)                     | 3.73                | (2.82 - 4.92)                         | 25.76               | (22.40 - 29.43)                       | 21.91             | (19.27 - 24.81)                     | 22.48             | (20.05 - 25.10)                     |
| Missouri             | 25.23             | (23.00 - 27.60)                     | 5.82                | (4.53 - 7.45)                         | 37.98               | (34.06 - 42.07)                       | 25.45             | (22.85 - 28.23)                     | 27.20             | (24.77 - 29.77)                     |
| Montana              | 29.29             | (26.98 - 31.71)                     | 7.54                | (5.91 - 9.58)                         | 45.86               | (41.92 - 49.86)                       | 28.99             | (26.26 - 31.88)                     | 31.31             | (28.81 - 33.92)                     |

See notes at end of table.

(continued)

**Table 14 Binge Alcohol Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 29.00             | (26.54 - 31.60)                     | 6.56                | (5.20 - 8.25)                         | 43.56               | (39.55 - 47.65)                       | 29.31             | (26.33 - 32.47)                     | 31.46             | (28.76 - 34.29)                     |
| Nevada         | 23.62             | (21.27 - 26.15)                     | 5.41                | (4.19 - 6.95)                         | 31.43               | (27.78 - 35.33)                       | 24.58             | (21.81 - 27.58)                     | 25.45             | (22.88 - 28.21)                     |
| New Hampshire  | 28.58             | (26.16 - 31.13)                     | 5.79                | (4.51 - 7.40)                         | 46.36               | (42.39 - 50.38)                       | 28.20             | (25.33 - 31.27)                     | 30.63             | (28.01 - 33.39)                     |
| New Jersey     | 24.21             | (22.21 - 26.32)                     | 5.48                | (4.35 - 6.88)                         | 40.32               | (36.81 - 43.94)                       | 23.97             | (21.62 - 26.49)                     | 26.09             | (23.92 - 28.38)                     |
| New Mexico     | 24.41             | (22.05 - 26.92)                     | 5.50                | (4.29 - 7.02)                         | 33.01               | (29.30 - 36.95)                       | 25.33             | (22.53 - 28.35)                     | 26.42             | (23.84 - 29.17)                     |
| New York       | 25.00             | (23.62 - 26.44)                     | 5.45                | (4.60 - 6.46)                         | 42.52               | (39.93 - 45.15)                       | 24.22             | (22.57 - 25.95)                     | 26.78             | (25.28 - 28.33)                     |
| North Carolina | 20.35             | (18.65 - 22.16)                     | 4.61                | (3.64 - 5.84)                         | 30.89               | (27.88 - 34.07)                       | 20.56             | (18.55 - 22.72)                     | 21.97             | (20.11 - 23.94)                     |
| North Dakota   | 31.21             | (28.89 - 33.63)                     | 6.24                | (4.94 - 7.86)                         | 48.14               | (44.07 - 52.24)                       | 30.50             | (27.70 - 33.45)                     | 33.52             | (30.99 - 36.13)                     |
| Ohio           | 24.85             | (23.31 - 26.45)                     | 5.12                | (4.27 - 6.12)                         | 39.22               | (36.54 - 41.97)                       | 24.89             | (23.05 - 26.83)                     | 26.86             | (25.18 - 28.61)                     |
| Oklahoma       | 22.05             | (19.91 - 24.35)                     | 4.92                | (3.83 - 6.30)                         | 33.61               | (29.97 - 37.45)                       | 22.27             | (19.73 - 25.02)                     | 23.93             | (21.58 - 26.45)                     |
| Oregon         | 24.95             | (22.68 - 27.38)                     | 5.44                | (4.25 - 6.92)                         | 40.17               | (36.32 - 44.15)                       | 24.72             | (22.09 - 27.55)                     | 26.73             | (24.27 - 29.34)                     |
| Pennsylvania   | 26.81             | (25.26 - 28.41)                     | 5.54                | (4.63 - 6.61)                         | 42.51               | (39.77 - 45.30)                       | 26.66             | (24.82 - 28.59)                     | 28.78             | (27.11 - 30.52)                     |
| Rhode Island   | 29.07             | (26.50 - 31.79)                     | 6.30                | (4.90 - 8.08)                         | 44.38               | (40.38 - 48.45)                       | 28.70             | (25.70 - 31.90)                     | 31.08             | (28.31 - 34.00)                     |
| South Carolina | 23.47             | (21.24 - 25.87)                     | 4.87                | (3.81 - 6.20)                         | 35.60               | (32.04 - 39.33)                       | 23.68             | (21.05 - 26.54)                     | 25.29             | (22.85 - 27.89)                     |
| South Dakota   | 30.84             | (28.28 - 33.53)                     | 7.10                | (5.58 - 8.99)                         | 45.58               | (41.59 - 49.62)                       | 31.29             | (28.26 - 34.48)                     | 33.36             | (30.56 - 36.28)                     |
| Tennessee      | 20.40             | (18.36 - 22.60)                     | 4.84                | (3.75 - 6.23)                         | 29.48               | (25.63 - 33.65)                       | 20.77             | (18.40 - 23.35)                     | 21.96             | (19.74 - 24.35)                     |
| Texas          | 23.35             | (22.12 - 24.62)                     | 4.27                | (3.54 - 5.15)                         | 33.67               | (31.36 - 36.05)                       | 24.20             | (22.68 - 25.79)                     | 25.64             | (24.27 - 27.05)                     |
| Utah           | 16.22             | (14.46 - 18.15)                     | 3.57                | (2.58 - 4.92)                         | 27.32               | (23.68 - 31.30)                       | 15.93             | (13.83 - 18.28)                     | 18.00             | (16.02 - 20.15)                     |
| Vermont        | 27.32             | (24.94 - 29.85)                     | 7.15                | (5.66 - 9.00)                         | 49.25               | (44.79 - 53.73)                       | 25.50             | (22.74 - 28.47)                     | 29.02             | (26.46 - 31.72)                     |
| Virginia       | 23.47             | (21.61 - 25.43)                     | 4.83                | (3.90 - 5.97)                         | 39.01               | (35.88 - 42.23)                       | 23.12             | (20.89 - 25.50)                     | 25.31             | (23.28 - 27.45)                     |
| Washington     | 22.71             | (20.55 - 25.03)                     | 5.02                | (3.90 - 6.44)                         | 37.90               | (34.00 - 41.97)                       | 22.33             | (19.84 - 25.04)                     | 24.41             | (22.05 - 26.92)                     |
| West Virginia  | 21.51             | (19.46 - 23.72)                     | 5.67                | (4.38 - 7.29)                         | 37.79               | (33.97 - 41.76)                       | 20.76             | (18.39 - 23.34)                     | 22.93             | (20.71 - 25.31)                     |
| Wisconsin      | 30.81             | (28.20 - 33.54)                     | 6.02                | (4.77 - 7.57)                         | 46.92               | (42.94 - 50.94)                       | 31.05             | (27.92 - 34.38)                     | 33.29             | (30.43 - 36.29)                     |
| Wyoming        | 23.81             | (21.55 - 26.22)                     | 5.23                | (4.10 - 6.66)                         | 39.41               | (35.63 - 43.32)                       | 23.52             | (20.83 - 26.44)                     | 25.70             | (23.24 - 28.33)                     |

NOTE: Binge Alcohol Use is defined as drinking five or more drinks (for males) or four or more drinks (for females) on the same occasion (i.e., at the same time or within a couple of hours of each other) on at least 1 day in the past 30 days.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 15** *Perceptions of Great Risk from Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week, by Age Group and State:*  
**Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 44.50             | (44.09 - 44.92)                     | 43.83               | (43.12 - 44.54)                       | 37.53               | (36.87 - 38.20)                       | 45.72             | (45.21 - 46.24)                     | 44.57             | (44.12 - 45.03)                     |
| Northeast            | 43.05             | (42.15 - 43.96)                     | 43.83               | (42.47 - 45.21)                       | 34.58               | (33.34 - 35.85)                       | 44.32             | (43.24 - 45.40)                     | 42.98             | (42.02 - 43.94)                     |
| Midwest              | 40.29             | (39.52 - 41.06)                     | 40.45               | (39.31 - 41.60)                       | 33.09               | (32.03 - 34.18)                       | 41.46             | (40.53 - 42.40)                     | 40.27             | (39.44 - 41.10)                     |
| South                | 46.33             | (45.69 - 46.98)                     | 45.73               | (44.69 - 46.78)                       | 40.45               | (39.46 - 41.44)                       | 47.36             | (46.58 - 48.14)                     | 46.40             | (45.70 - 47.09)                     |
| West                 | 46.42             | (45.58 - 47.27)                     | 43.77               | (42.47 - 45.07)                       | 39.10               | (37.78 - 40.43)                       | 47.96             | (46.95 - 48.97)                     | 46.69             | (45.78 - 47.61)                     |
| Alabama              | 43.61             | (40.99 - 46.26)                     | 42.67               | (38.93 - 46.50)                       | 38.05               | (34.55 - 41.68)                       | 44.62             | (41.51 - 47.77)                     | 43.70             | (40.92 - 46.53)                     |
| Alaska               | 42.84             | (40.33 - 45.39)                     | 39.50               | (35.91 - 43.21)                       | 33.32               | (29.79 - 37.05)                       | 44.89             | (41.85 - 47.96)                     | 43.22             | (40.52 - 45.96)                     |
| Arizona              | 46.03             | (43.31 - 48.78)                     | 44.68               | (40.92 - 48.50)                       | 39.90               | (35.96 - 43.98)                       | 47.23             | (43.98 - 50.50)                     | 46.18             | (43.26 - 49.12)                     |
| Arkansas             | 43.12             | (40.60 - 45.68)                     | 43.94               | (40.23 - 47.71)                       | 35.33               | (31.73 - 39.10)                       | 44.31             | (41.29 - 47.36)                     | 43.04             | (40.34 - 45.78)                     |
| California           | 49.13             | (47.81 - 50.44)                     | 45.59               | (43.49 - 47.71)                       | 41.11               | (39.00 - 43.25)                       | 50.91             | (49.33 - 52.49)                     | 49.49             | (48.07 - 50.91)                     |
| Colorado             | 43.08             | (40.56 - 45.63)                     | 40.21               | (36.35 - 44.18)                       | 34.02               | (30.39 - 37.85)                       | 44.89             | (41.94 - 47.87)                     | 43.36             | (40.69 - 46.08)                     |
| Connecticut          | 43.48             | (40.67 - 46.33)                     | 43.24               | (39.30 - 47.25)                       | 32.61               | (29.07 - 36.36)                       | 45.27             | (41.98 - 48.62)                     | 43.50             | (40.53 - 46.52)                     |
| Delaware             | 43.30             | (40.61 - 46.04)                     | 44.43               | (40.57 - 48.37)                       | 38.59               | (34.87 - 42.46)                       | 43.88             | (40.73 - 47.09)                     | 43.20             | (40.33 - 46.11)                     |
| District of Columbia | 41.95             | (39.32 - 44.62)                     | 46.59               | (42.51 - 50.73)                       | 33.04               | (29.35 - 36.96)                       | 43.38             | (40.35 - 46.46)                     | 41.69             | (38.97 - 44.45)                     |
| Florida              | 46.21             | (44.56 - 47.87)                     | 44.36               | (41.97 - 46.78)                       | 40.48               | (38.13 - 42.88)                       | 47.17             | (45.21 - 49.14)                     | 46.37             | (44.61 - 48.14)                     |
| Georgia              | 49.32             | (47.19 - 51.45)                     | 53.04               | (49.43 - 56.62)                       | 43.24               | (40.00 - 46.55)                       | 49.86             | (47.27 - 52.45)                     | 48.90             | (46.60 - 51.20)                     |
| Hawaii               | 46.91             | (44.08 - 49.75)                     | 46.31               | (42.27 - 50.40)                       | 41.08               | (37.19 - 45.07)                       | 47.77             | (44.49 - 51.06)                     | 46.96             | (43.96 - 49.98)                     |
| Idaho                | 42.66             | (40.08 - 45.27)                     | 42.22               | (38.57 - 45.96)                       | 36.12               | (32.40 - 40.01)                       | 43.81             | (40.73 - 46.94)                     | 42.71             | (39.93 - 45.54)                     |
| Illinois             | 43.00             | (41.23 - 44.79)                     | 43.07               | (40.42 - 45.76)                       | 35.67               | (33.02 - 38.42)                       | 44.18             | (42.02 - 46.37)                     | 42.99             | (41.08 - 44.93)                     |
| Indiana              | 42.42             | (39.91 - 44.96)                     | 41.25               | (37.42 - 45.19)                       | 35.01               | (31.41 - 38.80)                       | 43.86             | (40.90 - 46.87)                     | 42.54             | (39.87 - 45.26)                     |
| Iowa                 | 35.26             | (32.78 - 37.82)                     | 36.98               | (33.33 - 40.79)                       | 29.92               | (26.68 - 33.37)                       | 36.01             | (33.01 - 39.12)                     | 35.08             | (32.44 - 37.82)                     |
| Kansas               | 37.88             | (35.37 - 40.46)                     | 37.81               | (34.02 - 41.77)                       | 31.04               | (27.66 - 34.65)                       | 39.12             | (36.11 - 42.22)                     | 37.89             | (35.21 - 40.65)                     |
| Kentucky             | 43.67             | (41.14 - 46.24)                     | 42.75               | (39.17 - 46.41)                       | 35.80               | (32.38 - 39.37)                       | 45.06             | (42.03 - 48.13)                     | 43.76             | (41.07 - 46.50)                     |
| Louisiana            | 43.99             | (41.44 - 46.58)                     | 44.76               | (41.04 - 48.53)                       | 39.19               | (35.45 - 43.05)                       | 44.70             | (41.69 - 47.74)                     | 43.91             | (41.19 - 46.67)                     |
| Maine                | 40.32             | (37.50 - 43.20)                     | 37.72               | (34.12 - 41.46)                       | 29.16               | (25.79 - 32.77)                       | 42.05             | (38.77 - 45.41)                     | 40.54             | (37.55 - 43.59)                     |
| Maryland             | 46.20             | (43.59 - 48.82)                     | 45.50               | (41.71 - 49.35)                       | 39.93               | (36.33 - 43.66)                       | 47.23             | (44.15 - 50.34)                     | 46.26             | (43.48 - 49.07)                     |
| Massachusetts        | 39.76             | (37.07 - 42.52)                     | 41.92               | (38.12 - 45.82)                       | 31.01               | (27.33 - 34.94)                       | 41.05             | (37.87 - 44.30)                     | 39.57             | (36.72 - 42.49)                     |
| Michigan             | 39.79             | (38.09 - 41.52)                     | 40.74               | (38.17 - 43.37)                       | 33.91               | (31.56 - 36.34)                       | 40.67             | (38.60 - 42.78)                     | 39.70             | (37.87 - 41.56)                     |
| Minnesota            | 37.89             | (35.39 - 40.46)                     | 39.30               | (35.74 - 42.98)                       | 30.19               | (26.85 - 33.75)                       | 38.94             | (36.01 - 41.96)                     | 37.74             | (35.08 - 40.48)                     |
| Mississippi          | 47.88             | (45.25 - 50.52)                     | 47.23               | (43.53 - 50.96)                       | 43.59               | (39.66 - 47.60)                       | 48.71             | (45.61 - 51.82)                     | 47.95             | (45.13 - 50.78)                     |
| Missouri             | 40.75             | (38.27 - 43.27)                     | 41.11               | (37.31 - 45.02)                       | 33.64               | (30.10 - 37.38)                       | 41.86             | (38.95 - 44.82)                     | 40.71             | (38.07 - 43.40)                     |
| Montana              | 35.94             | (33.44 - 38.52)                     | 36.01               | (32.34 - 39.85)                       | 27.03               | (23.86 - 30.46)                       | 37.36             | (34.40 - 40.42)                     | 35.94             | (33.28 - 38.69)                     |

See notes at end of table.

(continued)

**Table 15 Perceptions of Great Risk from Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 39.15             | (36.71 - 41.65)                     | 38.31               | (34.84 - 41.91)                       | 30.87               | (27.42 - 34.55)                       | 40.74             | (37.79 - 43.77)                     | 39.24             | (36.62 - 41.93)                     |
| Nevada         | 46.22             | (43.50 - 48.95)                     | 45.75               | (41.80 - 49.75)                       | 44.43               | (40.33 - 48.61)                       | 46.53             | (43.37 - 49.72)                     | 46.26             | (43.36 - 49.19)                     |
| New Hampshire  | 37.94             | (35.40 - 40.55)                     | 37.48               | (34.04 - 41.05)                       | 28.93               | (25.63 - 32.46)                       | 39.39             | (36.41 - 42.44)                     | 37.98             | (35.28 - 40.76)                     |
| New Jersey     | 46.84             | (44.42 - 49.28)                     | 45.62               | (42.13 - 49.15)                       | 36.72               | (33.48 - 40.08)                       | 48.49             | (45.63 - 51.36)                     | 46.97             | (44.37 - 49.57)                     |
| New Mexico     | 47.84             | (45.22 - 50.46)                     | 43.41               | (39.63 - 47.28)                       | 41.30               | (37.46 - 45.25)                       | 49.46             | (46.33 - 52.61)                     | 48.31             | (45.51 - 51.12)                     |
| New York       | 45.30             | (43.72 - 46.90)                     | 46.58               | (44.23 - 48.95)                       | 37.22               | (34.89 - 39.61)                       | 46.49             | (44.58 - 48.40)                     | 45.19             | (43.49 - 46.90)                     |
| North Carolina | 45.25             | (43.05 - 47.48)                     | 45.51               | (42.25 - 48.81)                       | 40.14               | (36.98 - 43.38)                       | 46.03             | (43.42 - 48.66)                     | 45.23             | (42.87 - 47.60)                     |
| North Dakota   | 37.10             | (34.74 - 39.54)                     | 36.97               | (33.65 - 40.41)                       | 28.57               | (25.30 - 32.08)                       | 38.90             | (36.00 - 41.87)                     | 37.12             | (34.59 - 39.71)                     |
| Ohio           | 42.07             | (40.29 - 43.87)                     | 41.96               | (39.43 - 44.53)                       | 34.33               | (31.81 - 36.95)                       | 43.32             | (41.16 - 45.49)                     | 42.08             | (40.17 - 44.02)                     |
| Oklahoma       | 44.60             | (42.01 - 47.22)                     | 42.90               | (39.22 - 46.66)                       | 38.87               | (35.15 - 42.73)                       | 45.81             | (42.69 - 48.95)                     | 44.78             | (42.00 - 47.60)                     |
| Oregon         | 41.16             | (38.66 - 43.70)                     | 38.23               | (34.55 - 42.06)                       | 30.77               | (27.43 - 34.33)                       | 43.02             | (40.11 - 45.98)                     | 41.42             | (38.78 - 44.11)                     |
| Pennsylvania   | 40.00             | (38.24 - 41.78)                     | 41.23               | (38.59 - 43.92)                       | 33.11               | (30.65 - 35.66)                       | 40.93             | (38.83 - 43.07)                     | 39.88             | (38.00 - 41.79)                     |
| Rhode Island   | 39.63             | (36.99 - 42.34)                     | 41.58               | (37.79 - 45.47)                       | 34.74               | (30.95 - 38.74)                       | 40.31             | (37.18 - 43.52)                     | 39.46             | (36.66 - 42.32)                     |
| South Carolina | 44.10             | (41.44 - 46.79)                     | 42.44               | (38.72 - 46.26)                       | 37.85               | (34.27 - 41.57)                       | 45.26             | (42.14 - 48.41)                     | 44.26             | (41.43 - 47.13)                     |
| South Dakota   | 37.62             | (35.20 - 40.10)                     | 37.21               | (33.82 - 40.73)                       | 29.57               | (26.27 - 33.09)                       | 39.04             | (36.13 - 42.02)                     | 37.66             | (35.08 - 40.31)                     |
| Tennessee      | 46.88             | (44.22 - 49.56)                     | 44.99               | (41.26 - 48.78)                       | 38.82               | (35.09 - 42.69)                       | 48.38             | (45.25 - 51.53)                     | 47.07             | (44.23 - 49.93)                     |
| Texas          | 49.11             | (47.65 - 50.56)                     | 47.06               | (44.72 - 49.41)                       | 44.19               | (41.77 - 46.63)                       | 50.29             | (48.50 - 52.07)                     | 49.35             | (47.78 - 50.93)                     |
| Utah           | 47.76             | (45.24 - 50.28)                     | 49.33               | (45.16 - 53.51)                       | 42.77               | (38.52 - 47.14)                       | 48.61             | (45.57 - 51.66)                     | 47.54             | (44.83 - 50.26)                     |
| Vermont        | 37.10             | (34.55 - 39.73)                     | 37.55               | (33.93 - 41.30)                       | 27.04               | (23.59 - 30.79)                       | 38.81             | (35.81 - 41.91)                     | 37.06             | (34.37 - 39.84)                     |
| Virginia       | 43.46             | (41.36 - 45.58)                     | 43.89               | (40.65 - 47.19)                       | 35.26               | (32.31 - 38.32)                       | 44.72             | (42.21 - 47.25)                     | 43.41             | (41.17 - 45.68)                     |
| Washington     | 39.92             | (37.37 - 42.52)                     | 36.32               | (32.62 - 40.19)                       | 33.76               | (30.06 - 37.66)                       | 41.26             | (38.27 - 44.33)                     | 40.26             | (37.56 - 43.03)                     |
| West Virginia  | 43.00             | (40.39 - 45.64)                     | 37.80               | (33.95 - 41.82)                       | 35.27               | (31.60 - 39.12)                       | 44.65             | (41.61 - 47.74)                     | 43.46             | (40.69 - 46.27)                     |
| Wisconsin      | 36.01             | (33.42 - 38.68)                     | 35.40               | (31.92 - 39.05)                       | 28.37               | (25.11 - 31.87)                       | 37.33             | (34.24 - 40.53)                     | 36.07             | (33.30 - 38.92)                     |
| Wyoming        | 42.45             | (39.78 - 45.17)                     | 40.58               | (36.79 - 44.48)                       | 35.80               | (32.24 - 39.53)                       | 43.73             | (40.55 - 46.97)                     | 42.64             | (39.78 - 45.56)                     |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 16 Alcohol Use and Binge Alcohol Use in the Past Month among Individuals Aged 12 to 20, by State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | Alcohol Use in Past Month (Estimate) | Alcohol Use in Past Month (95% Confidence Interval) | Binge Alcohol Use in Past Month (Estimate) | Binge Alcohol Use in Past Month (95% Confidence Interval) |
|----------------------|--------------------------------------|-----------------------------------------------------|--------------------------------------------|-----------------------------------------------------------|
| Total U.S.           | 19.50                                | (18.83 - 20.18)                                     | 12.00                                      | (11.49 - 12.54)                                           |
| Northeast            | 22.91                                | (21.98 - 23.87)                                     | 14.94                                      | (14.09 - 15.84)                                           |
| Midwest              | 21.36                                | (20.61 - 22.14)                                     | 13.70                                      | (13.01 - 14.41)                                           |
| South                | 17.83                                | (17.19 - 18.49)                                     | 10.28                                      | (9.73 - 10.86)                                            |
| West                 | 18.09                                | (17.23 - 18.98)                                     | 11.16                                      | (10.40 - 11.98)                                           |
| Alabama              | 18.36                                | (16.09 - 20.87)                                     | 10.80                                      | (9.22 - 12.61)                                            |
| Alaska               | 19.53                                | (17.11 - 22.21)                                     | 11.44                                      | (9.80 - 13.33)                                            |
| Arizona              | 17.63                                | (15.45 - 20.05)                                     | 10.70                                      | (8.98 - 12.70)                                            |
| Arkansas             | 15.57                                | (13.48 - 17.92)                                     | 9.45                                       | (7.92 - 11.23)                                            |
| California           | 17.90                                | (16.56 - 19.31)                                     | 11.16                                      | (10.03 - 12.40)                                           |
| Colorado             | 20.73                                | (18.29 - 23.40)                                     | 12.93                                      | (11.07 - 15.05)                                           |
| Connecticut          | 23.92                                | (21.38 - 26.67)                                     | 15.82                                      | (13.79 - 18.07)                                           |
| Delaware             | 17.47                                | (15.27 - 19.92)                                     | 10.75                                      | (9.11 - 12.65)                                            |
| District of Columbia | 24.17                                | (21.17 - 27.46)                                     | 17.43                                      | (14.90 - 20.27)                                           |
| Florida              | 20.26                                | (18.72 - 21.89)                                     | 11.44                                      | (10.31 - 12.69)                                           |
| Georgia              | 15.65                                | (13.81 - 17.70)                                     | 8.36                                       | (7.15 - 9.75)                                             |
| Hawaii               | 16.73                                | (14.49 - 19.23)                                     | 10.46                                      | (8.83 - 12.36)                                            |
| Idaho                | 16.94                                | (14.79 - 19.33)                                     | 10.42                                      | (8.82 - 12.28)                                            |
| Illinois             | 20.67                                | (18.96 - 22.48)                                     | 13.64                                      | (12.21 - 15.20)                                           |
| Indiana              | 20.16                                | (17.83 - 22.71)                                     | 12.50                                      | (10.71 - 14.53)                                           |
| Iowa                 | 21.72                                | (19.31 - 24.35)                                     | 14.88                                      | (13.01 - 16.97)                                           |
| Kansas               | 20.59                                | (18.16 - 23.27)                                     | 13.54                                      | (11.70 - 15.62)                                           |
| Kentucky             | 19.63                                | (17.22 - 22.27)                                     | 12.92                                      | (10.99 - 15.12)                                           |
| Louisiana            | 19.51                                | (17.08 - 22.19)                                     | 11.35                                      | (9.65 - 13.30)                                            |
| Maine                | 24.13                                | (21.70 - 26.73)                                     | 15.16                                      | (13.15 - 17.41)                                           |
| Maryland             | 19.12                                | (16.82 - 21.64)                                     | 10.72                                      | (9.12 - 12.55)                                            |
| Massachusetts        | 31.78                                | (28.73 - 35.00)                                     | 22.14                                      | (19.51 - 25.02)                                           |
| Michigan             | 22.47                                | (20.77 - 24.26)                                     | 14.15                                      | (12.76 - 15.66)                                           |
| Minnesota            | 22.63                                | (20.36 - 25.08)                                     | 14.41                                      | (12.58 - 16.46)                                           |
| Mississippi          | 13.92                                | (11.93 - 16.19)                                     | 7.74                                       | (6.45 - 9.27)                                             |
| Missouri             | 21.05                                | (18.68 - 23.64)                                     | 13.25                                      | (11.39 - 15.37)                                           |
| Montana              | 24.66                                | (22.10 - 27.41)                                     | 16.15                                      | (14.07 - 18.47)                                           |

See notes at end of table.

(continued)

**Table 16 Alcohol Use and Binge Alcohol Use in the Past Month among Individuals Aged 12 to 20, by State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | Alcohol Use in Past Month (Estimate) | Alcohol Use in Past Month (95% Confidence Interval) | Binge Alcohol Use in Past Month (Estimate) | Binge Alcohol Use in Past Month (95% Confidence Interval) |
|----------------|--------------------------------------|-----------------------------------------------------|--------------------------------------------|-----------------------------------------------------------|
| Nebraska       | 20.72                                | (18.33 - 23.34)                                     | 13.86                                      | (11.93 - 16.04)                                           |
| Nevada         | 17.08                                | (14.78 - 19.67)                                     | 9.99                                       | (8.44 - 11.80)                                            |
| New Hampshire  | 25.45                                | (22.87 - 28.21)                                     | 15.79                                      | (13.76 - 18.07)                                           |
| New Jersey     | 20.97                                | (18.81 - 23.31)                                     | 12.35                                      | (10.77 - 14.12)                                           |
| New Mexico     | 19.04                                | (16.65 - 21.69)                                     | 10.60                                      | (9.02 - 12.43)                                            |
| New York       | 20.64                                | (19.13 - 22.25)                                     | 13.36                                      | (12.07 - 14.77)                                           |
| North Carolina | 17.58                                | (15.73 - 19.60)                                     | 10.05                                      | (8.64 - 11.67)                                            |
| North Dakota   | 28.14                                | (25.32 - 31.13)                                     | 19.66                                      | (17.32 - 22.24)                                           |
| Ohio           | 20.14                                | (18.48 - 21.92)                                     | 12.48                                      | (11.17 - 13.92)                                           |
| Oklahoma       | 16.13                                | (14.03 - 18.48)                                     | 9.48                                       | (7.97 - 11.23)                                            |
| Oregon         | 20.83                                | (18.56 - 23.30)                                     | 12.63                                      | (10.90 - 14.58)                                           |
| Pennsylvania   | 20.92                                | (19.15 - 22.80)                                     | 13.85                                      | (12.43 - 15.40)                                           |
| Rhode Island   | 25.70                                | (22.98 - 28.62)                                     | 17.22                                      | (14.91 - 19.80)                                           |
| South Carolina | 17.90                                | (15.81 - 20.19)                                     | 11.40                                      | (9.82 - 13.21)                                            |
| South Dakota   | 23.23                                | (20.85 - 25.80)                                     | 15.63                                      | (13.71 - 17.77)                                           |
| Tennessee      | 16.99                                | (14.79 - 19.43)                                     | 9.79                                       | (8.30 - 11.51)                                            |
| Texas          | 16.99                                | (15.58 - 18.51)                                     | 9.48                                       | (8.45 - 10.62)                                            |
| Utah           | 12.11                                | (9.95 - 14.66)                                      | 8.51                                       | (6.88 - 10.49)                                            |
| Vermont        | 28.12                                | (25.16 - 31.28)                                     | 19.60                                      | (17.05 - 22.44)                                           |
| Virginia       | 18.45                                | (16.59 - 20.47)                                     | 11.21                                      | (9.72 - 12.89)                                            |
| Washington     | 18.70                                | (16.44 - 21.20)                                     | 10.98                                      | (9.35 - 12.86)                                            |
| West Virginia  | 20.38                                | (17.98 - 23.02)                                     | 13.04                                      | (11.22 - 15.11)                                           |
| Wisconsin      | 23.26                                | (20.88 - 25.82)                                     | 15.01                                      | (13.07 - 17.18)                                           |
| Wyoming        | 21.56                                | (19.10 - 24.25)                                     | 13.11                                      | (11.33 - 15.13)                                           |

NOTE: Binge Alcohol Use is defined as drinking five or more drinks (for males) or four or more drinks (for females) on the same occasion (i.e., at the same time or within a couple of hours of each other) on at least 1 day in the past 30 days.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 17 Tobacco Product Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 22.99             | (22.61 - 23.37)                     | 5.10                | (4.81 - 5.40)                         | 29.52               | (28.82 - 30.23)                       | 24.04             | (23.59 - 24.49)                     | 24.80             | (24.39 - 25.22)                     |
| Northeast            | 21.91             | (21.18 - 22.65)                     | 4.59                | (4.13 - 5.10)                         | 29.91               | (28.69 - 31.16)                       | 22.50             | (21.62 - 23.40)                     | 23.52             | (22.73 - 24.32)                     |
| Midwest              | 25.69             | (25.03 - 26.37)                     | 5.91                | (5.45 - 6.41)                         | 32.75               | (31.71 - 33.81)                       | 26.90             | (26.08 - 27.74)                     | 27.73             | (27.01 - 28.47)                     |
| South                | 24.66             | (24.10 - 25.24)                     | 5.46                | (5.06 - 5.90)                         | 30.60               | (29.70 - 31.52)                       | 26.02             | (25.32 - 26.73)                     | 26.65             | (26.04 - 27.28)                     |
| West                 | 18.74             | (18.08 - 19.42)                     | 4.12                | (3.67 - 4.63)                         | 24.68               | (23.51 - 25.90)                       | 19.50             | (18.70 - 20.33)                     | 20.24             | (19.52 - 20.98)                     |
| Alabama              | 30.12             | (27.77 - 32.58)                     | 7.90                | (6.33 - 9.81)                         | 35.28               | (31.59 - 39.16)                       | 31.91             | (29.07 - 34.89)                     | 32.38             | (29.80 - 35.07)                     |
| Alaska               | 26.68             | (24.41 - 29.07)                     | 8.69                | (6.88 - 10.90)                        | 34.77               | (31.04 - 38.70)                       | 27.67             | (24.91 - 30.60)                     | 28.69             | (26.19 - 31.32)                     |
| Arizona              | 21.19             | (19.03 - 23.53)                     | 3.60                | (2.74 - 4.74)                         | 27.99               | (24.34 - 31.95)                       | 22.22             | (19.67 - 25.00)                     | 23.04             | (20.67 - 25.60)                     |
| Arkansas             | 30.69             | (28.20 - 33.29)                     | 7.52                | (6.03 - 9.34)                         | 33.90               | (30.19 - 37.83)                       | 33.01             | (30.01 - 36.17)                     | 33.14             | (30.41 - 35.98)                     |
| California           | 16.23             | (15.28 - 17.23)                     | 3.45                | (2.83 - 4.20)                         | 20.56               | (18.79 - 22.45)                       | 17.02             | (15.87 - 18.24)                     | 17.53             | (16.50 - 18.62)                     |
| Colorado             | 20.15             | (18.25 - 22.19)                     | 4.66                | (3.60 - 6.02)                         | 32.03               | (28.30 - 36.00)                       | 20.03             | (17.82 - 22.44)                     | 21.71             | (19.64 - 23.94)                     |
| Connecticut          | 21.24             | (19.10 - 23.56)                     | 4.13                | (3.18 - 5.35)                         | 31.68               | (28.01 - 35.59)                       | 21.52             | (18.98 - 24.30)                     | 22.94             | (20.59 - 25.47)                     |
| Delaware             | 21.77             | (19.66 - 24.04)                     | 4.02                | (3.09 - 5.20)                         | 27.74               | (24.27 - 31.50)                       | 22.80             | (20.32 - 25.48)                     | 23.44             | (21.14 - 25.90)                     |
| District of Columbia | 23.55             | (21.20 - 26.07)                     | 3.71                | (2.73 - 5.01)                         | 28.77               | (25.08 - 32.76)                       | 23.86             | (21.17 - 26.79)                     | 24.66             | (22.19 - 27.31)                     |
| Florida              | 20.49             | (19.25 - 21.78)                     | 4.62                | (3.86 - 5.52)                         | 25.51               | (23.37 - 27.77)                       | 21.36             | (19.90 - 22.90)                     | 21.86             | (20.53 - 23.26)                     |
| Georgia              | 24.08             | (22.31 - 25.93)                     | 5.45                | (4.36 - 6.81)                         | 30.46               | (27.58 - 33.50)                       | 25.45             | (23.32 - 27.71)                     | 26.17             | (24.23 - 28.21)                     |
| Hawaii               | 17.11             | (15.22 - 19.18)                     | 3.41                | (2.57 - 4.52)                         | 25.14               | (21.75 - 28.88)                       | 17.40             | (15.24 - 19.81)                     | 18.34             | (16.29 - 20.58)                     |
| Idaho                | 22.65             | (20.59 - 24.86)                     | 5.99                | (4.68 - 7.63)                         | 32.96               | (29.32 - 36.83)                       | 23.29             | (20.79 - 25.98)                     | 24.67             | (22.38 - 27.11)                     |
| Illinois             | 22.44             | (21.00 - 23.95)                     | 5.21                | (4.33 - 6.25)                         | 29.09               | (26.58 - 31.73)                       | 23.45             | (21.69 - 25.30)                     | 24.23             | (22.65 - 25.89)                     |
| Indiana              | 26.80             | (24.64 - 29.08)                     | 6.43                | (5.11 - 8.06)                         | 33.29               | (29.64 - 37.14)                       | 28.26             | (25.66 - 31.00)                     | 29.00             | (26.63 - 31.50)                     |
| Iowa                 | 26.39             | (24.16 - 28.75)                     | 5.01                | (3.88 - 6.45)                         | 37.22               | (33.57 - 41.01)                       | 27.05             | (24.31 - 29.98)                     | 28.59             | (26.14 - 31.17)                     |
| Kansas               | 24.75             | (22.61 - 27.02)                     | 5.37                | (4.23 - 6.80)                         | 31.73               | (28.24 - 35.45)                       | 26.05             | (23.44 - 28.83)                     | 26.91             | (24.55 - 29.41)                     |
| Kentucky             | 33.73             | (31.24 - 36.31)                     | 9.61                | (7.81 - 11.76)                        | 40.64               | (36.84 - 44.56)                       | 35.45             | (32.46 - 38.56)                     | 36.18             | (33.46 - 38.98)                     |
| Louisiana            | 30.20             | (27.82 - 32.68)                     | 6.90                | (5.49 - 8.63)                         | 34.52               | (30.72 - 38.53)                       | 32.34             | (29.49 - 35.33)                     | 32.65             | (30.04 - 35.38)                     |
| Maine                | 24.21             | (21.86 - 26.72)                     | 7.90                | (6.31 - 9.85)                         | 35.21               | (31.44 - 39.17)                       | 24.30             | (21.59 - 27.24)                     | 25.59             | (23.06 - 28.29)                     |
| Maryland             | 19.10             | (17.18 - 21.18)                     | 4.45                | (3.44 - 5.75)                         | 26.10               | (22.81 - 29.67)                       | 19.69             | (17.43 - 22.17)                     | 20.54             | (18.44 - 22.82)                     |
| Massachusetts        | 20.70             | (18.62 - 22.94)                     | 4.31                | (3.32 - 5.58)                         | 29.16               | (25.62 - 32.98)                       | 20.97             | (18.53 - 23.63)                     | 22.17             | (19.92 - 24.59)                     |
| Michigan             | 26.18             | (24.64 - 27.78)                     | 5.52                | (4.60 - 6.60)                         | 30.32               | (27.99 - 32.76)                       | 27.91             | (26.00 - 29.91)                     | 28.26             | (26.57 - 30.01)                     |
| Minnesota            | 22.77             | (20.83 - 24.84)                     | 5.24                | (4.11 - 6.68)                         | 34.44               | (30.79 - 38.28)                       | 23.01             | (20.72 - 25.48)                     | 24.57             | (22.45 - 26.83)                     |
| Mississippi          | 31.32             | (28.88 - 33.88)                     | 7.62                | (6.08 - 9.50)                         | 33.81               | (30.00 - 37.84)                       | 33.95             | (30.95 - 37.09)                     | 33.93             | (31.24 - 36.73)                     |
| Missouri             | 27.07             | (24.86 - 29.40)                     | 7.27                | (5.78 - 9.11)                         | 31.33               | (27.75 - 35.14)                       | 28.71             | (26.06 - 31.53)                     | 29.08             | (26.66 - 31.63)                     |
| Montana              | 27.11             | (24.81 - 29.54)                     | 8.33                | (6.71 - 10.30)                        | 38.20               | (34.51 - 42.03)                       | 27.36             | (24.65 - 30.26)                     | 28.86             | (26.36 - 31.48)                     |

See notes at end of table.

(continued)

**Table 17 Tobacco Product Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Nebraska       | 26.34             | (24.12 - 28.69)                  | 4.96                | (3.88 - 6.33)                      | 35.90               | (32.05 - 39.94)                    | 27.40             | (24.73 - 30.25)                  | 28.68             | (26.24 - 31.26)                  |
| Nevada         | 24.12             | (21.87 - 26.53)                  | 4.61                | (3.57 - 5.93)                      | 27.75               | (24.27 - 31.52)                    | 25.84             | (23.17 - 28.71)                  | 26.09             | (23.61 - 28.73)                  |
| New Hampshire  | 22.47             | (20.40 - 24.67)                  | 6.38                | (5.02 - 8.06)                      | 33.53               | (29.94 - 37.32)                    | 22.43             | (20.01 - 25.05)                  | 23.92             | (21.68 - 26.30)                  |
| New Jersey     | 20.78             | (18.99 - 22.68)                  | 4.14                | (3.20 - 5.32)                      | 29.89               | (26.77 - 33.20)                    | 21.34             | (19.21 - 23.63)                  | 22.45             | (20.49 - 24.53)                  |
| New Mexico     | 25.08             | (22.80 - 27.51)                  | 4.76                | (3.60 - 6.27)                      | 31.42               | (27.69 - 35.41)                    | 26.56             | (23.83 - 29.48)                  | 27.24             | (24.74 - 29.90)                  |
| New York       | 19.64             | (18.41 - 20.92)                  | 3.72                | (3.06 - 4.53)                      | 26.09               | (23.98 - 28.31)                    | 20.27             | (18.81 - 21.82)                  | 21.09             | (19.76 - 22.48)                  |
| North Carolina | 24.78             | (23.05 - 26.59)                  | 5.88                | (4.79 - 7.21)                      | 33.90               | (30.76 - 37.19)                    | 25.58             | (23.51 - 27.77)                  | 26.71             | (24.82 - 28.70)                  |
| North Dakota   | 26.66             | (24.44 - 29.00)                  | 6.99                | (5.61 - 8.67)                      | 35.27               | (31.48 - 39.25)                    | 27.07             | (24.42 - 29.90)                  | 28.47             | (26.06 - 31.01)                  |
| Ohio           | 28.75             | (27.23 - 30.33)                  | 6.85                | (5.79 - 8.08)                      | 36.60               | (34.04 - 39.24)                    | 30.09             | (28.24 - 32.01)                  | 30.99             | (29.31 - 32.71)                  |
| Oklahoma       | 28.81             | (26.35 - 31.39)                  | 6.19                | (4.83 - 7.89)                      | 33.92               | (30.15 - 37.90)                    | 30.83             | (27.87 - 33.96)                  | 31.28             | (28.58 - 34.12)                  |
| Oregon         | 23.11             | (21.10 - 25.24)                  | 5.50                | (4.32 - 6.98)                      | 32.31               | (28.83 - 35.99)                    | 23.57             | (21.23 - 26.09)                  | 24.71             | (22.54 - 27.02)                  |
| Pennsylvania   | 26.48             | (24.99 - 28.03)                  | 5.88                | (4.93 - 7.00)                      | 34.60               | (32.04 - 37.25)                    | 27.43             | (25.64 - 29.30)                  | 28.39             | (26.77 - 30.07)                  |
| Rhode Island   | 22.31             | (20.08 - 24.70)                  | 4.90                | (3.78 - 6.33)                      | 28.22               | (24.66 - 32.09)                    | 23.06             | (20.43 - 25.91)                  | 23.84             | (21.44 - 26.42)                  |
| South Carolina | 26.94             | (24.72 - 29.29)                  | 6.73                | (5.40 - 8.36)                      | 34.25               | (30.73 - 37.96)                    | 28.09             | (25.44 - 30.90)                  | 28.92             | (26.49 - 31.47)                  |
| South Dakota   | 29.08             | (26.75 - 31.52)                  | 8.36                | (6.77 - 10.28)                     | 39.09               | (35.36 - 42.95)                    | 29.94             | (27.14 - 32.91)                  | 31.27             | (28.72 - 33.93)                  |
| Tennessee      | 29.89             | (27.62 - 32.26)                  | 7.11                | (5.71 - 8.83)                      | 36.05               | (32.24 - 40.05)                    | 31.56             | (28.87 - 34.38)                  | 32.18             | (29.70 - 34.76)                  |
| Texas          | 22.55             | (21.36 - 23.80)                  | 3.75                | (3.07 - 4.57)                      | 27.24               | (25.16 - 29.42)                    | 24.38             | (22.91 - 25.91)                  | 24.81             | (23.48 - 26.19)                  |
| Utah           | 15.24             | (13.53 - 17.12)                  | 3.61                | (2.61 - 4.98)                      | 20.35               | (16.96 - 24.21)                    | 16.10             | (14.02 - 18.43)                  | 16.87             | (14.94 - 18.99)                  |
| Vermont        | 26.56             | (24.23 - 29.03)                  | 7.50                | (5.89 - 9.51)                      | 42.76               | (38.35 - 47.30)                    | 25.62             | (22.89 - 28.55)                  | 28.16             | (25.65 - 30.81)                  |
| Virginia       | 21.29             | (19.63 - 23.04)                  | 5.06                | (4.08 - 6.26)                      | 30.23               | (27.38 - 33.23)                    | 21.71             | (19.73 - 23.84)                  | 22.89             | (21.09 - 24.80)                  |
| Washington     | 20.53             | (18.47 - 22.75)                  | 5.46                | (4.31 - 6.90)                      | 28.07               | (24.67 - 31.74)                    | 21.03             | (18.62 - 23.66)                  | 21.97             | (19.73 - 24.38)                  |
| West Virginia  | 37.92             | (35.29 - 40.62)                  | 9.45                | (7.56 - 11.77)                     | 43.82               | (39.76 - 47.97)                    | 39.97             | (36.86 - 43.16)                  | 40.46             | (37.60 - 43.38)                  |
| Wisconsin      | 25.23             | (22.92 - 27.68)                  | 5.51                | (4.37 - 6.93)                      | 32.32               | (28.67 - 36.21)                    | 26.36             | (23.63 - 29.29)                  | 27.20             | (24.68 - 29.88)                  |
| Wyoming        | 26.98             | (24.70 - 29.39)                  | 6.62                | (5.28 - 8.28)                      | 38.59               | (34.78 - 42.55)                    | 27.54             | (24.83 - 30.43)                  | 29.06             | (26.56 - 31.69)                  |

NOTE: Tobacco Products include cigarettes, smokeless tobacco (i.e., snuff, dip, chewing tobacco, or "snus"), cigars, or pipe tobacco.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.



**Table 18 Cigarette Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 18.47             | (18.11 - 18.84)                     | 3.29                | (3.06 - 3.55)                         | 22.90               | (22.26 - 23.56)                       | 19.54             | (19.10 - 19.98)                     | 20.01             | (19.61 - 20.41)                     |
| Northeast            | 17.54             | (16.84 - 18.26)                     | 2.94                | (2.61 - 3.31)                         | 22.38               | (21.16 - 23.65)                       | 18.34             | (17.48 - 19.23)                     | 18.90             | (18.14 - 19.68)                     |
| Midwest              | 20.61             | (20.00 - 21.25)                     | 4.04                | (3.67 - 4.44)                         | 25.03               | (23.94 - 26.15)                       | 21.88             | (21.10 - 22.67)                     | 22.32             | (21.65 - 23.02)                     |
| South                | 19.78             | (19.26 - 20.32)                     | 3.44                | (3.15 - 3.76)                         | 23.74               | (22.79 - 24.71)                       | 21.11             | (20.44 - 21.80)                     | 21.48             | (20.90 - 22.06)                     |
| West                 | 15.18             | (14.60 - 15.77)                     | 2.63                | (2.32 - 2.99)                         | 20.10               | (18.91 - 21.34)                       | 15.86             | (15.13 - 16.62)                     | 16.46             | (15.83 - 17.12)                     |
| Alabama              | 23.46             | (21.41 - 25.65)                     | 4.80                | (3.74 - 6.14)                         | 25.60               | (22.38 - 29.11)                       | 25.32             | (22.82 - 28.00)                     | 25.36             | (23.11 - 27.75)                     |
| Alaska               | 19.65             | (17.76 - 21.69)                     | 5.98                | (4.67 - 7.62)                         | 27.57               | (23.96 - 31.51)                       | 20.11             | (17.87 - 22.54)                     | 21.18             | (19.10 - 23.41)                     |
| Arizona              | 16.92             | (15.05 - 18.97)                     | 2.33                | (1.73 - 3.14)                         | 21.92               | (18.50 - 25.77)                       | 17.88             | (15.65 - 20.34)                     | 18.45             | (16.39 - 20.71)                     |
| Arkansas             | 24.65             | (22.42 - 27.02)                     | 4.86                | (3.81 - 6.17)                         | 27.38               | (23.87 - 31.19)                       | 26.64             | (23.92 - 29.55)                     | 26.74             | (24.29 - 29.34)                     |
| California           | 13.34             | (12.50 - 14.23)                     | 2.08                | (1.67 - 2.60)                         | 17.04               | (15.29 - 18.95)                       | 14.06             | (13.02 - 15.17)                     | 14.49             | (13.57 - 15.46)                     |
| Colorado             | 15.82             | (14.10 - 17.71)                     | 3.22                | (2.44 - 4.25)                         | 25.51               | (21.91 - 29.49)                       | 15.72             | (13.72 - 17.96)                     | 17.09             | (15.21 - 19.15)                     |
| Connecticut          | 16.84             | (14.97 - 18.89)                     | 2.49                | (1.86 - 3.32)                         | 23.71               | (20.31 - 27.48)                       | 17.38             | (15.16 - 19.85)                     | 18.27             | (16.22 - 20.51)                     |
| Delaware             | 18.36             | (16.42 - 20.47)                     | 2.56                | (1.94 - 3.37)                         | 21.69               | (18.56 - 25.19)                       | 19.56             | (17.27 - 22.08)                     | 19.84             | (17.73 - 22.14)                     |
| District of Columbia | 18.70             | (16.69 - 20.89)                     | 1.78                | (1.27 - 2.48)                         | 22.42               | (19.01 - 26.23)                       | 19.12             | (16.80 - 21.68)                     | 19.65             | (17.53 - 21.95)                     |
| Florida              | 16.68             | (15.50 - 17.93)                     | 2.76                | (2.23 - 3.41)                         | 19.08               | (17.11 - 21.21)                       | 17.72             | (16.31 - 19.22)                     | 17.89             | (16.61 - 19.24)                     |
| Georgia              | 18.90             | (17.31 - 20.60)                     | 3.43                | (2.69 - 4.37)                         | 23.29               | (20.52 - 26.32)                       | 20.20             | (18.24 - 22.30)                     | 20.64             | (18.88 - 22.52)                     |
| Hawaii               | 13.62             | (12.03 - 15.38)                     | 2.63                | (1.93 - 3.57)                         | 22.95               | (19.43 - 26.90)                       | 13.45             | (11.62 - 15.53)                     | 14.61             | (12.88 - 16.51)                     |
| Idaho                | 18.24             | (16.41 - 20.22)                     | 4.35                | (3.35 - 5.65)                         | 27.15               | (23.54 - 31.08)                       | 18.72             | (16.53 - 21.12)                     | 19.92             | (17.89 - 22.12)                     |
| Illinois             | 18.19             | (16.86 - 19.59)                     | 3.13                | (2.52 - 3.88)                         | 23.57               | (21.30 - 26.00)                       | 19.13             | (17.51 - 20.86)                     | 19.75             | (18.30 - 21.29)                     |
| Indiana              | 21.37             | (19.27 - 23.63)                     | 4.55                | (3.50 - 5.91)                         | 24.26               | (20.94 - 27.91)                       | 23.00             | (20.42 - 25.80)                     | 23.18             | (20.87 - 25.67)                     |
| Iowa                 | 20.97             | (18.96 - 23.13)                     | 3.70                | (2.83 - 4.84)                         | 28.58               | (25.02 - 32.43)                       | 21.71             | (19.30 - 24.34)                     | 22.75             | (20.55 - 25.11)                     |
| Kansas               | 19.68             | (17.75 - 21.77)                     | 3.43                | (2.62 - 4.48)                         | 23.90               | (20.59 - 27.55)                       | 21.06             | (18.72 - 23.62)                     | 21.49             | (19.35 - 23.79)                     |
| Kentucky             | 26.66             | (24.42 - 29.02)                     | 5.88                | (4.65 - 7.41)                         | 31.46               | (27.65 - 35.54)                       | 28.33             | (25.67 - 31.15)                     | 28.77             | (26.32 - 31.35)                     |
| Louisiana            | 23.92             | (21.89 - 26.07)                     | 4.36                | (3.40 - 5.59)                         | 27.11               | (23.54 - 31.01)                       | 25.79             | (23.35 - 28.40)                     | 25.98             | (23.75 - 28.34)                     |
| Maine                | 20.16             | (18.09 - 22.41)                     | 6.17                | (4.89 - 7.76)                         | 27.60               | (24.14 - 31.35)                       | 20.50             | (18.09 - 23.15)                     | 21.35             | (19.11 - 23.77)                     |
| Maryland             | 15.70             | (13.98 - 17.59)                     | 2.68                | (2.03 - 3.52)                         | 19.79               | (16.79 - 23.17)                       | 16.56             | (14.51 - 18.83)                     | 16.99             | (15.10 - 19.05)                     |
| Massachusetts        | 16.57             | (14.72 - 18.60)                     | 2.66                | (2.01 - 3.51)                         | 21.12               | (17.96 - 24.68)                       | 17.25             | (15.04 - 19.70)                     | 17.82             | (15.81 - 20.02)                     |
| Michigan             | 21.63             | (20.22 - 23.12)                     | 3.68                | (3.00 - 4.52)                         | 23.56               | (21.36 - 25.90)                       | 23.42             | (21.66 - 25.28)                     | 23.44             | (21.90 - 25.06)                     |
| Minnesota            | 18.26             | (16.48 - 20.17)                     | 3.82                | (2.93 - 4.96)                         | 25.90               | (22.50 - 29.63)                       | 18.76             | (16.62 - 21.11)                     | 19.74             | (17.80 - 21.84)                     |
| Mississippi          | 24.55             | (22.44 - 26.78)                     | 4.71                | (3.66 - 6.04)                         | 26.43               | (22.96 - 30.22)                       | 26.79             | (24.18 - 29.56)                     | 26.73             | (24.40 - 29.20)                     |
| Missouri             | 21.33             | (19.37 - 23.44)                     | 5.20                | (4.06 - 6.62)                         | 24.06               | (20.65 - 27.84)                       | 22.79             | (20.42 - 25.36)                     | 22.97             | (20.82 - 25.27)                     |
| Montana              | 20.53             | (18.62 - 22.60)                     | 6.03                | (4.75 - 7.62)                         | 28.45               | (24.94 - 32.23)                       | 20.83             | (18.57 - 23.29)                     | 21.88             | (19.81 - 24.11)                     |

See notes at end of table.

(continued)

**Table 18 Cigarette Use in the Past Month, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 20.81             | (18.85 - 22.92)                     | 3.68                | (2.84 - 4.75)                         | 26.25               | (22.82 - 29.99)                       | 22.05             | (19.70 - 24.60)                     | 22.69             | (20.53 - 25.00)                     |
| Nevada         | 19.54             | (17.51 - 21.74)                     | 2.78                | (2.08 - 3.71)                         | 22.33               | (18.88 - 26.20)                       | 21.06             | (18.63 - 23.71)                     | 21.22             | (19.00 - 23.63)                     |
| New Hampshire  | 17.68             | (15.75 - 19.80)                     | 4.87                | (3.80 - 6.21)                         | 25.55               | (22.14 - 29.29)                       | 17.80             | (15.54 - 20.31)                     | 18.84             | (16.75 - 21.12)                     |
| New Jersey     | 16.67             | (15.09 - 18.39)                     | 2.50                | (1.90 - 3.29)                         | 24.00               | (20.99 - 27.28)                       | 17.21             | (15.34 - 19.26)                     | 18.09             | (16.36 - 19.97)                     |
| New Mexico     | 20.06             | (18.04 - 22.25)                     | 2.74                | (2.00 - 3.74)                         | 25.33               | (21.73 - 29.31)                       | 21.34             | (18.92 - 23.99)                     | 21.91             | (19.68 - 24.31)                     |
| New York       | 16.16             | (15.07 - 17.31)                     | 2.41                | (1.94 - 2.99)                         | 19.30               | (17.32 - 21.45)                       | 17.10             | (15.78 - 18.52)                     | 17.41             | (16.23 - 18.66)                     |
| North Carolina | 20.08             | (18.48 - 21.79)                     | 3.45                | (2.74 - 4.33)                         | 25.55               | (22.74 - 28.58)                       | 21.19             | (19.25 - 23.28)                     | 21.79             | (20.03 - 23.65)                     |
| North Dakota   | 20.23             | (18.27 - 22.34)                     | 5.22                | (4.11 - 6.62)                         | 25.49               | (22.13 - 29.17)                       | 20.82             | (18.45 - 23.41)                     | 21.61             | (19.48 - 23.91)                     |
| Ohio           | 22.89             | (21.46 - 24.39)                     | 4.71                | (3.88 - 5.69)                         | 28.04               | (25.56 - 30.65)                       | 24.22             | (22.48 - 26.05)                     | 24.74             | (23.18 - 26.38)                     |
| Oklahoma       | 22.91             | (20.82 - 25.14)                     | 4.36                | (3.40 - 5.57)                         | 26.63               | (23.12 - 30.46)                       | 24.66             | (22.13 - 27.37)                     | 24.94             | (22.64 - 27.40)                     |
| Oregon         | 18.69             | (16.84 - 20.68)                     | 3.74                | (2.88 - 4.83)                         | 26.59               | (23.23 - 30.25)                       | 19.06             | (16.89 - 21.45)                     | 20.05             | (18.05 - 22.21)                     |
| Pennsylvania   | 20.55             | (19.14 - 22.03)                     | 3.71                | (3.03 - 4.54)                         | 25.32               | (22.99 - 27.79)                       | 21.61             | (19.92 - 23.41)                     | 22.11             | (20.58 - 23.72)                     |
| Rhode Island   | 17.66             | (15.74 - 19.76)                     | 2.97                | (2.26 - 3.91)                         | 21.15               | (17.88 - 24.84)                       | 18.56             | (16.26 - 21.12)                     | 18.95             | (16.87 - 21.23)                     |
| South Carolina | 21.85             | (19.90 - 23.94)                     | 4.42                | (3.45 - 5.64)                         | 25.15               | (21.98 - 28.61)                       | 23.31             | (20.95 - 25.84)                     | 23.56             | (21.43 - 25.83)                     |
| South Dakota   | 22.56             | (20.53 - 24.73)                     | 6.48                | (5.11 - 8.19)                         | 29.34               | (25.59 - 33.39)                       | 23.40             | (20.95 - 26.05)                     | 24.26             | (22.04 - 26.63)                     |
| Tennessee      | 23.40             | (21.40 - 25.52)                     | 4.72                | (3.70 - 6.02)                         | 27.56               | (23.96 - 31.48)                       | 24.91             | (22.50 - 27.48)                     | 25.27             | (23.09 - 27.58)                     |
| Texas          | 18.33             | (17.24 - 19.48)                     | 2.41                | (1.93 - 3.00)                         | 22.38               | (20.39 - 24.50)                       | 19.87             | (18.50 - 21.32)                     | 20.25             | (19.02 - 21.53)                     |
| Utah           | 13.34             | (11.86 - 14.97)                     | 2.66                | (1.93 - 3.67)                         | 17.78               | (14.76 - 21.27)                       | 14.20             | (12.36 - 16.25)                     | 14.84             | (13.17 - 16.68)                     |
| Vermont        | 20.55             | (18.46 - 22.80)                     | 5.75                | (4.49 - 7.35)                         | 33.38               | (28.91 - 38.17)                       | 19.77             | (17.37 - 22.42)                     | 21.79             | (19.55 - 24.21)                     |
| Virginia       | 17.02             | (15.57 - 18.58)                     | 3.36                | (2.63 - 4.30)                         | 23.78               | (21.22 - 26.56)                       | 17.50             | (15.78 - 19.37)                     | 18.37             | (16.79 - 20.06)                     |
| Washington     | 16.50             | (14.75 - 18.42)                     | 3.40                | (2.64 - 4.38)                         | 21.96               | (18.81 - 25.49)                       | 17.11             | (15.06 - 19.37)                     | 17.76             | (15.84 - 19.84)                     |
| West Virginia  | 29.93             | (27.46 - 32.52)                     | 6.42                | (4.99 - 8.24)                         | 33.51               | (29.70 - 37.56)                       | 31.81             | (28.85 - 34.91)                     | 32.03             | (29.35 - 34.82)                     |
| Wisconsin      | 20.23             | (18.20 - 22.43)                     | 3.85                | (2.98 - 4.97)                         | 23.46               | (20.14 - 27.15)                       | 21.61             | (19.15 - 24.30)                     | 21.88             | (19.65 - 24.28)                     |
| Wyoming        | 19.95             | (18.03 - 22.02)                     | 4.48                | (3.45 - 5.81)                         | 29.28               | (25.53 - 33.34)                       | 20.29             | (18.01 - 22.78)                     | 21.52             | (19.42 - 23.79)                     |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 19 Perceptions of Great Risk from Smoking One or More Packs of Cigarettes per Day, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Total U.S.           | 72.21             | (71.82 - 72.60)                  | 68.24               | (67.54 - 68.92)                    | 67.57               | (66.90 - 68.22)                    | 73.44             | (72.96 - 73.91)                  | 72.61             | (72.19 - 73.04)                  |
| Northeast            | 74.26             | (73.47 - 75.03)                  | 71.19               | (69.91 - 72.43)                    | 69.24               | (67.97 - 70.48)                    | 75.39             | (74.45 - 76.30)                  | 74.54             | (73.71 - 75.35)                  |
| Midwest              | 68.59             | (67.86 - 69.30)                  | 65.71               | (64.56 - 66.84)                    | 64.09               | (62.98 - 65.20)                    | 69.67             | (68.81 - 70.53)                  | 68.88             | (68.11 - 69.64)                  |
| South                | 71.87             | (71.30 - 72.44)                  | 67.62               | (66.62 - 68.61)                    | 67.14               | (66.14 - 68.12)                    | 73.14             | (72.46 - 73.81)                  | 72.31             | (71.70 - 72.91)                  |
| West                 | 74.44             | (73.74 - 75.13)                  | 69.45               | (68.20 - 70.66)                    | 70.09               | (68.80 - 71.34)                    | 75.76             | (74.91 - 76.59)                  | 74.95             | (74.20 - 75.68)                  |
| Alabama              | 68.99             | (66.68 - 71.21)                  | 66.83               | (63.12 - 70.34)                    | 64.33               | (60.84 - 67.68)                    | 70.00             | (67.16 - 72.69)                  | 69.21             | (66.73 - 71.58)                  |
| Alaska               | 70.11             | (67.73 - 72.38)                  | 63.29               | (59.31 - 67.08)                    | 63.68               | (59.81 - 67.38)                    | 72.08             | (69.18 - 74.80)                  | 70.87             | (68.34 - 73.28)                  |
| Arizona              | 73.41             | (71.07 - 75.62)                  | 70.53               | (66.85 - 73.97)                    | 70.17               | (66.39 - 73.70)                    | 74.30             | (71.40 - 77.00)                  | 73.71             | (71.18 - 76.10)                  |
| Arkansas             | 68.13             | (65.80 - 70.37)                  | 64.80               | (61.14 - 68.29)                    | 63.01               | (59.24 - 66.63)                    | 69.38             | (66.53 - 72.09)                  | 68.48             | (65.98 - 70.88)                  |
| California           | 76.63             | (75.55 - 77.67)                  | 71.04               | (69.09 - 72.92)                    | 73.17               | (71.15 - 75.09)                    | 77.87             | (76.55 - 79.15)                  | 77.19             | (76.02 - 78.32)                  |
| Colorado             | 73.50             | (71.34 - 75.56)                  | 67.77               | (63.84 - 71.47)                    | 67.84               | (64.05 - 71.40)                    | 75.09             | (72.48 - 77.54)                  | 74.08             | (71.79 - 76.24)                  |
| Connecticut          | 74.30             | (71.94 - 76.53)                  | 72.10               | (68.13 - 75.76)                    | 70.71               | (67.19 - 74.00)                    | 75.13             | (72.26 - 77.80)                  | 74.51             | (72.00 - 76.87)                  |
| Delaware             | 71.90             | (69.49 - 74.18)                  | 69.23               | (65.55 - 72.68)                    | 70.28               | (66.65 - 73.68)                    | 72.42             | (69.52 - 75.14)                  | 72.14             | (69.58 - 74.57)                  |
| District of Columbia | 76.51             | (74.38 - 78.51)                  | 64.77               | (60.76 - 68.58)                    | 70.88               | (67.02 - 74.46)                    | 78.39             | (75.86 - 80.72)                  | 77.16             | (74.96 - 79.22)                  |
| Florida              | 76.68             | (75.27 - 78.04)                  | 71.49               | (69.31 - 73.58)                    | 72.05               | (69.83 - 74.17)                    | 77.82             | (76.14 - 79.42)                  | 77.13             | (75.62 - 78.58)                  |
| Georgia              | 71.73             | (69.83 - 73.55)                  | 70.74               | (67.46 - 73.83)                    | 67.48               | (64.41 - 70.40)                    | 72.57             | (70.26 - 74.77)                  | 71.83             | (69.79 - 73.79)                  |
| Hawaii               | 72.77             | (70.36 - 75.05)                  | 65.69               | (61.38 - 69.75)                    | 65.31               | (61.37 - 69.04)                    | 74.51             | (71.62 - 77.20)                  | 73.40             | (70.83 - 75.82)                  |
| Idaho                | 71.52             | (69.27 - 73.66)                  | 68.24               | (64.47 - 71.79)                    | 64.12               | (60.28 - 67.78)                    | 73.21             | (70.43 - 75.81)                  | 71.91             | (69.48 - 74.21)                  |
| Illinois             | 72.82             | (71.30 - 74.29)                  | 67.26               | (64.65 - 69.76)                    | 67.63               | (65.05 - 70.11)                    | 74.33             | (72.46 - 76.11)                  | 73.39             | (71.76 - 74.97)                  |
| Indiana              | 67.84             | (65.54 - 70.06)                  | 63.23               | (59.33 - 66.97)                    | 63.72               | (60.10 - 67.19)                    | 69.15             | (66.29 - 71.86)                  | 68.34             | (65.88 - 70.70)                  |
| Iowa                 | 65.98             | (63.51 - 68.37)                  | 64.61               | (60.84 - 68.20)                    | 60.73               | (57.07 - 64.28)                    | 67.08             | (64.05 - 69.98)                  | 66.12             | (63.48 - 68.66)                  |
| Kansas               | 68.69             | (66.31 - 70.97)                  | 69.04               | (65.17 - 72.67)                    | 63.87               | (60.12 - 67.45)                    | 69.50             | (66.57 - 72.29)                  | 68.65             | (66.10 - 71.09)                  |
| Kentucky             | 64.98             | (62.46 - 67.41)                  | 62.19               | (58.32 - 65.92)                    | 59.84               | (55.98 - 63.58)                    | 66.14             | (63.02 - 69.12)                  | 65.26             | (62.55 - 67.87)                  |
| Louisiana            | 67.72             | (65.36 - 69.99)                  | 62.51               | (58.65 - 66.22)                    | 63.36               | (59.66 - 66.90)                    | 69.08             | (66.22 - 71.79)                  | 68.26             | (65.75 - 70.68)                  |
| Maine                | 70.78             | (68.22 - 73.22)                  | 68.37               | (64.78 - 71.76)                    | 63.42               | (59.80 - 66.89)                    | 71.99             | (68.93 - 74.86)                  | 70.98             | (68.26 - 73.56)                  |
| Maryland             | 76.27             | (74.19 - 78.23)                  | 71.94               | (68.23 - 75.37)                    | 72.33               | (68.81 - 75.59)                    | 77.36             | (74.85 - 79.68)                  | 76.69             | (74.48 - 78.77)                  |
| Massachusetts        | 73.58             | (71.18 - 75.84)                  | 70.92               | (67.14 - 74.43)                    | 71.11               | (67.56 - 74.43)                    | 74.28             | (71.36 - 77.00)                  | 73.81             | (71.27 - 76.20)                  |
| Michigan             | 68.84             | (67.19 - 70.45)                  | 68.13               | (65.59 - 70.57)                    | 65.64               | (63.16 - 68.02)                    | 69.46             | (67.42 - 71.43)                  | 68.91             | (67.14 - 70.63)                  |
| Minnesota            | 68.67             | (66.37 - 70.88)                  | 63.77               | (59.82 - 67.54)                    | 61.93               | (58.04 - 65.67)                    | 70.31             | (67.53 - 72.95)                  | 69.17             | (66.70 - 71.53)                  |
| Mississippi          | 68.80             | (66.40 - 71.11)                  | 61.77               | (57.85 - 65.54)                    | 65.68               | (61.78 - 69.37)                    | 70.25             | (67.30 - 73.05)                  | 69.57             | (67.00 - 72.03)                  |
| Missouri             | 67.40             | (64.99 - 69.73)                  | 66.65               | (62.70 - 70.38)                    | 61.22               | (57.33 - 64.97)                    | 68.49             | (65.54 - 71.31)                  | 67.48             | (64.88 - 69.97)                  |
| Montana              | 69.38             | (67.10 - 71.57)                  | 63.20               | (59.22 - 67.01)                    | 60.11               | (56.38 - 63.73)                    | 71.52             | (68.77 - 74.13)                  | 69.95             | (67.54 - 72.26)                  |

See notes at end of table.

(continued)

**Table 19 Perceptions of Great Risk from Smoking One or More Packs of Cigarettes per Day, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Nebraska       | 66.83             | (64.43 - 69.14)                  | 64.08               | (60.32 - 67.68)                    | 63.42               | (59.75 - 66.94)                    | 67.79             | (64.85 - 70.59)                  | 67.12             | (64.57 - 69.58)                  |
| Nevada         | 71.86             | (69.38 - 74.22)                  | 66.17               | (62.13 - 69.98)                    | 69.77               | (65.91 - 73.37)                    | 72.82             | (69.88 - 75.57)                  | 72.43             | (69.81 - 74.91)                  |
| New Hampshire  | 71.37             | (69.02 - 73.62)                  | 70.42               | (66.74 - 73.85)                    | 66.00               | (62.35 - 69.46)                    | 72.30             | (69.44 - 74.99)                  | 71.46             | (68.94 - 73.84)                  |
| New Jersey     | 77.11             | (75.22 - 78.91)                  | 74.20               | (70.93 - 77.23)                    | 68.46               | (65.04 - 71.68)                    | 78.73             | (76.45 - 80.84)                  | 77.40             | (75.38 - 79.30)                  |
| New Mexico     | 71.37             | (69.09 - 73.54)                  | 62.42               | (58.43 - 66.25)                    | 64.74               | (60.86 - 68.43)                    | 73.57             | (70.81 - 76.15)                  | 72.32             | (69.89 - 74.62)                  |
| New York       | 76.63             | (75.28 - 77.93)                  | 72.35               | (70.14 - 74.46)                    | 70.47               | (68.26 - 72.60)                    | 78.08             | (76.44 - 79.64)                  | 77.01             | (75.57 - 78.40)                  |
| North Carolina | 69.92             | (67.96 - 71.81)                  | 66.26               | (62.97 - 69.39)                    | 65.06               | (62.01 - 67.99)                    | 71.12             | (68.73 - 73.39)                  | 70.29             | (68.19 - 72.31)                  |
| North Dakota   | 66.19             | (63.90 - 68.41)                  | 64.63               | (60.97 - 68.13)                    | 62.17               | (58.48 - 65.73)                    | 67.20             | (64.32 - 69.95)                  | 66.33             | (63.88 - 68.69)                  |
| Ohio           | 66.50             | (64.80 - 68.15)                  | 64.37               | (61.80 - 66.86)                    | 63.59               | (61.05 - 66.07)                    | 67.20             | (65.14 - 69.21)                  | 66.71             | (64.88 - 68.49)                  |
| Oklahoma       | 67.89             | (65.43 - 70.25)                  | 61.00               | (56.84 - 65.00)                    | 65.93               | (62.24 - 69.44)                    | 69.11             | (66.11 - 71.95)                  | 68.64             | (66.03 - 71.14)                  |
| Oregon         | 70.91             | (68.61 - 73.11)                  | 67.04               | (63.28 - 70.59)                    | 64.17               | (60.60 - 67.59)                    | 72.32             | (69.55 - 74.93)                  | 71.26             | (68.82 - 73.59)                  |
| Pennsylvania   | 69.83             | (68.23 - 71.38)                  | 67.74               | (65.16 - 70.21)                    | 67.40               | (64.84 - 69.85)                    | 70.42             | (68.48 - 72.30)                  | 70.02             | (68.31 - 71.67)                  |
| Rhode Island   | 73.68             | (71.46 - 75.78)                  | 68.47               | (64.56 - 72.14)                    | 68.66               | (64.91 - 72.18)                    | 75.12             | (72.46 - 77.60)                  | 74.13             | (71.80 - 76.34)                  |
| South Carolina | 69.46             | (67.04 - 71.77)                  | 64.24               | (60.50 - 67.81)                    | 64.61               | (61.20 - 67.87)                    | 70.79             | (67.88 - 73.55)                  | 69.96             | (67.40 - 72.41)                  |
| South Dakota   | 66.33             | (63.97 - 68.62)                  | 61.82               | (57.96 - 65.55)                    | 61.46               | (57.72 - 65.06)                    | 67.71             | (64.81 - 70.48)                  | 66.80             | (64.26 - 69.26)                  |
| Tennessee      | 68.93             | (66.67 - 71.11)                  | 64.36               | (60.69 - 67.88)                    | 63.99               | (60.28 - 67.55)                    | 70.24             | (67.48 - 72.87)                  | 69.39             | (66.97 - 71.70)                  |
| Texas          | 72.85             | (71.64 - 74.02)                  | 68.07               | (65.80 - 70.25)                    | 67.36               | (65.16 - 69.50)                    | 74.51             | (72.99 - 75.97)                  | 73.42             | (72.10 - 74.69)                  |
| Utah           | 74.93             | (72.83 - 76.91)                  | 74.79               | (70.89 - 78.33)                    | 68.10               | (64.08 - 71.87)                    | 76.48             | (73.87 - 78.90)                  | 74.94             | (72.70 - 77.06)                  |
| Vermont        | 71.36             | (68.97 - 73.63)                  | 68.10               | (64.19 - 71.76)                    | 65.33               | (61.43 - 69.04)                    | 72.72             | (69.83 - 75.44)                  | 71.63             | (69.10 - 74.02)                  |
| Virginia       | 72.64             | (70.76 - 74.44)                  | 69.65               | (66.62 - 72.51)                    | 68.82               | (65.88 - 71.61)                    | 73.59             | (71.31 - 75.75)                  | 72.93             | (70.92 - 74.85)                  |
| Washington     | 70.82             | (68.51 - 73.02)                  | 65.64               | (61.81 - 69.27)                    | 65.05               | (61.23 - 68.68)                    | 72.27             | (69.49 - 74.89)                  | 71.31             | (68.87 - 73.63)                  |
| West Virginia  | 65.07             | (62.52 - 67.53)                  | 65.37               | (61.47 - 69.07)                    | 59.93               | (56.07 - 63.67)                    | 65.78             | (62.73 - 68.71)                  | 65.04             | (62.32 - 67.66)                  |
| Wisconsin      | 67.56             | (65.19 - 69.84)                  | 64.76               | (61.18 - 68.18)                    | 63.06               | (59.32 - 66.65)                    | 68.62             | (65.68 - 71.42)                  | 67.83             | (65.30 - 70.27)                  |
| Wyoming        | 67.68             | (65.30 - 69.98)                  | 62.36               | (58.34 - 66.22)                    | 61.79               | (58.03 - 65.42)                    | 69.24             | (66.40 - 71.95)                  | 68.22             | (65.69 - 70.65)                  |

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 20 Illicit Drug Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 2.76              | (2.65 - 2.87)                       | 3.07                | (2.85 - 3.31)                         | 7.17                | (6.80 - 7.56)                         | 2.00              | (1.88 - 2.12)                       | 2.72              | (2.61 - 2.84)                       |
| Northeast            | 2.79              | (2.56 - 3.03)                       | 2.84                | (2.51 - 3.21)                         | 7.67                | (7.01 - 8.38)                         | 2.00              | (1.77 - 2.27)                       | 2.78              | (2.55 - 3.04)                       |
| Midwest              | 2.62              | (2.43 - 2.83)                       | 2.86                | (2.55 - 3.21)                         | 6.62                | (6.07 - 7.21)                         | 1.93              | (1.72 - 2.16)                       | 2.60              | (2.39 - 2.81)                       |
| South                | 2.62              | (2.46 - 2.79)                       | 2.88                | (2.61 - 3.17)                         | 6.99                | (6.52 - 7.50)                         | 1.89              | (1.72 - 2.08)                       | 2.60              | (2.43 - 2.78)                       |
| West                 | 3.07              | (2.83 - 3.33)                       | 3.73                | (3.28 - 4.24)                         | 7.58                | (6.88 - 8.34)                         | 2.24              | (1.98 - 2.53)                       | 3.00              | (2.74 - 3.28)                       |
| Alabama              | 2.86              | (2.29 - 3.57)                       | 2.73                | (2.02 - 3.67)                         | 7.25                | (5.58 - 9.36)                         | 2.16              | (1.59 - 2.93)                       | 2.87              | (2.27 - 3.63)                       |
| Alaska               | 3.69              | (2.98 - 4.57)                       | 4.55                | (3.41 - 6.04)                         | 7.88                | (6.08 - 10.14)                        | 2.88              | (2.14 - 3.86)                       | 3.60              | (2.86 - 4.53)                       |
| Arizona              | 2.79              | (2.22 - 3.49)                       | 3.52                | (2.64 - 4.67)                         | 7.07                | (5.35 - 9.30)                         | 1.98              | (1.44 - 2.72)                       | 2.71              | (2.12 - 3.45)                       |
| Arkansas             | 2.80              | (2.22 - 3.51)                       | 3.12                | (2.34 - 4.13)                         | 6.01                | (4.53 - 7.92)                         | 2.23              | (1.64 - 3.03)                       | 2.76              | (2.16 - 3.53)                       |
| California           | 2.97              | (2.62 - 3.37)                       | 3.73                | (3.07 - 4.52)                         | 7.27                | (6.23 - 8.48)                         | 2.15              | (1.78 - 2.59)                       | 2.89              | (2.52 - 3.31)                       |
| Colorado             | 3.43              | (2.78 - 4.23)                       | 3.88                | (2.93 - 5.13)                         | 9.66                | (7.53 - 12.31)                        | 2.37              | (1.76 - 3.18)                       | 3.39              | (2.71 - 4.22)                       |
| Connecticut          | 3.47              | (2.80 - 4.29)                       | 3.48                | (2.56 - 4.71)                         | 10.16               | (7.98 - 12.86)                        | 2.38              | (1.74 - 3.26)                       | 3.47              | (2.77 - 4.34)                       |
| Delaware             | 3.35              | (2.67 - 4.18)                       | 3.46                | (2.58 - 4.63)                         | 8.38                | (6.55 - 10.67)                        | 2.58              | (1.90 - 3.51)                       | 3.33              | (2.63 - 4.22)                       |
| District of Columbia | 3.93              | (3.15 - 4.88)                       | 3.68                | (2.76 - 4.91)                         | 8.36                | (6.43 - 10.79)                        | 3.08              | (2.31 - 4.10)                       | 3.94              | (3.14 - 4.93)                       |
| Florida              | 2.71              | (2.34 - 3.13)                       | 3.62                | (2.97 - 4.39)                         | 7.19                | (6.09 - 8.49)                         | 2.01              | (1.63 - 2.47)                       | 2.63              | (2.25 - 3.08)                       |
| Georgia              | 2.39              | (1.95 - 2.93)                       | 2.43                | (1.83 - 3.23)                         | 6.06                | (4.74 - 7.72)                         | 1.77              | (1.32 - 2.36)                       | 2.39              | (1.92 - 2.97)                       |
| Hawaii               | 2.31              | (1.81 - 2.94)                       | 2.89                | (2.12 - 3.92)                         | 6.57                | (5.00 - 8.58)                         | 1.67              | (1.17 - 2.36)                       | 2.26              | (1.74 - 2.92)                       |
| Idaho                | 2.63              | (2.10 - 3.28)                       | 3.10                | (2.33 - 4.12)                         | 5.94                | (4.45 - 7.88)                         | 2.01              | (1.48 - 2.72)                       | 2.57              | (2.01 - 3.27)                       |
| Illinois             | 2.59              | (2.19 - 3.07)                       | 2.94                | (2.33 - 3.70)                         | 6.81                | (5.60 - 8.27)                         | 1.87              | (1.45 - 2.40)                       | 2.56              | (2.13 - 3.07)                       |
| Indiana              | 2.48              | (1.97 - 3.12)                       | 2.52                | (1.85 - 3.43)                         | 6.22                | (4.74 - 8.13)                         | 1.82              | (1.32 - 2.49)                       | 2.47              | (1.94 - 3.15)                       |
| Iowa                 | 2.35              | (1.87 - 2.96)                       | 2.76                | (2.02 - 3.75)                         | 6.27                | (4.77 - 8.20)                         | 1.60              | (1.16 - 2.21)                       | 2.31              | (1.81 - 2.94)                       |
| Kansas               | 2.31              | (1.79 - 2.97)                       | 2.43                | (1.76 - 3.35)                         | 5.67                | (4.25 - 7.54)                         | 1.69              | (1.19 - 2.40)                       | 2.29              | (1.75 - 3.00)                       |
| Kentucky             | 2.82              | (2.27 - 3.49)                       | 2.92                | (2.18 - 3.89)                         | 7.38                | (5.72 - 9.48)                         | 2.07              | (1.54 - 2.77)                       | 2.81              | (2.24 - 3.52)                       |
| Louisiana            | 2.67              | (2.11 - 3.38)                       | 2.42                | (1.78 - 3.28)                         | 6.63                | (5.03 - 8.70)                         | 2.05              | (1.50 - 2.81)                       | 2.70              | (2.11 - 3.45)                       |
| Maine                | 3.03              | (2.42 - 3.80)                       | 3.55                | (2.66 - 4.71)                         | 8.00                | (6.23 - 10.22)                        | 2.32              | (1.71 - 3.15)                       | 2.99              | (2.35 - 3.79)                       |
| Maryland             | 2.79              | (2.24 - 3.47)                       | 2.73                | (2.03 - 3.65)                         | 8.01                | (6.26 - 10.19)                        | 1.99              | (1.45 - 2.73)                       | 2.79              | (2.21 - 3.52)                       |
| Massachusetts        | 3.22              | (2.57 - 4.02)                       | 3.13                | (2.34 - 4.16)                         | 8.33                | (6.46 - 10.67)                        | 2.34              | (1.72 - 3.19)                       | 3.22              | (2.55 - 4.07)                       |
| Michigan             | 2.96              | (2.52 - 3.47)                       | 2.91                | (2.32 - 3.63)                         | 7.16                | (5.95 - 8.59)                         | 2.26              | (1.80 - 2.84)                       | 2.97              | (2.50 - 3.51)                       |
| Minnesota            | 2.36              | (1.87 - 2.96)                       | 3.10                | (2.30 - 4.16)                         | 5.99                | (4.54 - 7.85)                         | 1.69              | (1.21 - 2.35)                       | 2.28              | (1.77 - 2.93)                       |
| Mississippi          | 2.73              | (2.18 - 3.42)                       | 2.88                | (2.17 - 3.81)                         | 6.54                | (4.99 - 8.54)                         | 2.05              | (1.50 - 2.79)                       | 2.71              | (2.13 - 3.45)                       |
| Missouri             | 2.54              | (2.02 - 3.19)                       | 2.66                | (1.97 - 3.56)                         | 6.20                | (4.66 - 8.21)                         | 1.93              | (1.41 - 2.63)                       | 2.53              | (1.98 - 3.22)                       |
| Montana              | 3.11              | (2.53 - 3.82)                       | 3.93                | (2.95 - 5.22)                         | 8.10                | (6.33 - 10.32)                        | 2.22              | (1.65 - 2.99)                       | 3.03              | (2.43 - 3.78)                       |

See notes at end of table.

(continued)

**Table 20 *Illicit Drug Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs***  
(continued)

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 2.54              | (2.01 - 3.21)                       | 2.71                | (2.03 - 3.62)                         | 6.95                | (5.33 - 9.01)                         | 1.73              | (1.24 - 2.41)                       | 2.52              | (1.96 - 3.23)                       |
| Nevada         | 3.48              | (2.80 - 4.33)                       | 4.17                | (3.12 - 5.56)                         | 9.48                | (7.31 - 12.22)                        | 2.53              | (1.86 - 3.44)                       | 3.41              | (2.70 - 4.31)                       |
| New Hampshire  | 3.15              | (2.56 - 3.89)                       | 3.44                | (2.57 - 4.57)                         | 9.57                | (7.51 - 12.10)                        | 2.13              | (1.57 - 2.90)                       | 3.13              | (2.50 - 3.90)                       |
| New Jersey     | 2.28              | (1.85 - 2.80)                       | 2.46                | (1.86 - 3.25)                         | 6.80                | (5.36 - 8.60)                         | 1.58              | (1.17 - 2.13)                       | 2.26              | (1.81 - 2.81)                       |
| New Mexico     | 3.17              | (2.55 - 3.93)                       | 4.11                | (3.06 - 5.50)                         | 8.41                | (6.48 - 10.83)                        | 2.18              | (1.58 - 3.01)                       | 3.07              | (2.42 - 3.87)                       |
| New York       | 2.73              | (2.36 - 3.17)                       | 2.87                | (2.34 - 3.53)                         | 7.67                | (6.52 - 8.99)                         | 1.92              | (1.53 - 2.40)                       | 2.72              | (2.32 - 3.18)                       |
| North Carolina | 2.72              | (2.25 - 3.29)                       | 2.99                | (2.30 - 3.89)                         | 7.49                | (6.01 - 9.29)                         | 1.94              | (1.47 - 2.56)                       | 2.69              | (2.20 - 3.29)                       |
| North Dakota   | 2.52              | (1.96 - 3.24)                       | 2.93                | (2.13 - 4.01)                         | 5.65                | (4.22 - 7.52)                         | 1.82              | (1.27 - 2.62)                       | 2.48              | (1.89 - 3.24)                       |
| Ohio           | 2.97              | (2.56 - 3.44)                       | 3.10                | (2.49 - 3.86)                         | 7.51                | (6.28 - 8.97)                         | 2.23              | (1.80 - 2.77)                       | 2.96              | (2.52 - 3.46)                       |
| Oklahoma       | 2.77              | (2.16 - 3.55)                       | 3.09                | (2.24 - 4.25)                         | 6.94                | (5.26 - 9.12)                         | 2.01              | (1.41 - 2.87)                       | 2.74              | (2.10 - 3.56)                       |
| Oregon         | 3.32              | (2.68 - 4.12)                       | 3.96                | (3.02 - 5.17)                         | 7.85                | (6.08 - 10.08)                        | 2.58              | (1.92 - 3.46)                       | 3.27              | (2.59 - 4.11)                       |
| Pennsylvania   | 2.63              | (2.22 - 3.12)                       | 2.47                | (1.92 - 3.17)                         | 6.64                | (5.46 - 8.04)                         | 2.03              | (1.60 - 2.58)                       | 2.65              | (2.21 - 3.17)                       |
| Rhode Island   | 3.46              | (2.77 - 4.31)                       | 3.88                | (2.91 - 5.16)                         | 8.45                | (6.53 - 10.87)                        | 2.52              | (1.85 - 3.42)                       | 3.43              | (2.71 - 4.32)                       |
| South Carolina | 2.75              | (2.20 - 3.44)                       | 3.13                | (2.36 - 4.15)                         | 7.65                | (5.94 - 9.78)                         | 1.95              | (1.42 - 2.66)                       | 2.71              | (2.14 - 3.44)                       |
| South Dakota   | 3.08              | (2.46 - 3.86)                       | 3.63                | (2.72 - 4.82)                         | 6.94                | (5.33 - 9.00)                         | 2.36              | (1.71 - 3.24)                       | 3.02              | (2.37 - 3.85)                       |
| Tennessee      | 2.70              | (2.17 - 3.36)                       | 3.10                | (2.35 - 4.09)                         | 7.34                | (5.62 - 9.53)                         | 1.92              | (1.41 - 2.60)                       | 2.66              | (2.11 - 3.35)                       |
| Texas          | 2.28              | (1.97 - 2.65)                       | 2.56                | (2.05 - 3.21)                         | 6.56                | (5.52 - 7.77)                         | 1.48              | (1.17 - 1.86)                       | 2.25              | (1.92 - 2.64)                       |
| Utah           | 2.95              | (2.38 - 3.65)                       | 2.72                | (2.02 - 3.66)                         | 6.93                | (5.28 - 9.06)                         | 2.10              | (1.55 - 2.85)                       | 2.99              | (2.38 - 3.74)                       |
| Vermont        | 3.76              | (3.05 - 4.63)                       | 3.99                | (2.99 - 5.30)                         | 11.17               | (8.55 - 14.47)                        | 2.45              | (1.80 - 3.32)                       | 3.74              | (2.99 - 4.67)                       |
| Virginia       | 2.74              | (2.26 - 3.31)                       | 2.57                | (1.95 - 3.38)                         | 7.38                | (5.98 - 9.08)                         | 2.01              | (1.54 - 2.64)                       | 2.75              | (2.25 - 3.36)                       |
| Washington     | 3.50              | (2.81 - 4.36)                       | 4.16                | (3.15 - 5.49)                         | 7.99                | (6.17 - 10.29)                        | 2.74              | (2.02 - 3.70)                       | 3.44              | (2.72 - 4.34)                       |
| West Virginia  | 2.73              | (2.20 - 3.38)                       | 3.36                | (2.50 - 4.49)                         | 7.17                | (5.53 - 9.26)                         | 2.02              | (1.50 - 2.70)                       | 2.67              | (2.12 - 3.35)                       |
| Wisconsin      | 2.17              | (1.70 - 2.77)                       | 2.76                | (2.03 - 3.73)                         | 5.69                | (4.26 - 7.55)                         | 1.52              | (1.07 - 2.16)                       | 2.11              | (1.62 - 2.75)                       |
| Wyoming        | 2.53              | (1.99 - 3.22)                       | 3.47                | (2.55 - 4.71)                         | 5.82                | (4.37 - 7.73)                         | 1.90              | (1.37 - 2.63)                       | 2.44              | (1.88 - 3.15)                       |

NOTE: Illicit Drug Use Disorder is defined as meeting criteria for illicit drug dependence or abuse. Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

NOTE: Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine.

Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 21 Pain Reliever Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 0.63              | (0.58 - 0.69)                       | 0.50                | (0.41 - 0.61)                         | 0.91                | (0.80 - 1.05)                         | 0.60              | (0.54 - 0.67)                       | 0.65              | (0.59 - 0.71)                       |
| Northeast            | 0.63              | (0.54 - 0.72)                       | 0.42                | (0.32 - 0.55)                         | 0.86                | (0.70 - 1.06)                         | 0.61              | (0.51 - 0.73)                       | 0.64              | (0.55 - 0.75)                       |
| Midwest              | 0.67              | (0.59 - 0.76)                       | 0.50                | (0.39 - 0.63)                         | 1.00                | (0.83 - 1.20)                         | 0.64              | (0.54 - 0.75)                       | 0.69              | (0.60 - 0.79)                       |
| South                | 0.65              | (0.58 - 0.73)                       | 0.51                | (0.41 - 0.64)                         | 1.00                | (0.84 - 1.18)                         | 0.61              | (0.52 - 0.70)                       | 0.66              | (0.58 - 0.75)                       |
| West                 | 0.59              | (0.51 - 0.67)                       | 0.55                | (0.42 - 0.72)                         | 0.76                | (0.61 - 0.94)                         | 0.56              | (0.47 - 0.67)                       | 0.59              | (0.51 - 0.68)                       |
| Alabama              | 0.77              | (0.57 - 1.03)                       | 0.52                | (0.32 - 0.84)                         | 1.33                | (0.88 - 2.02)                         | 0.71              | (0.49 - 1.03)                       | 0.80              | (0.58 - 1.09)                       |
| Alaska               | 0.67              | (0.49 - 0.91)                       | 0.60                | (0.36 - 0.97)                         | 0.79                | (0.49 - 1.26)                         | 0.66              | (0.45 - 0.97)                       | 0.68              | (0.48 - 0.95)                       |
| Arizona              | 0.63              | (0.46 - 0.85)                       | 0.52                | (0.32 - 0.83)                         | 0.93                | (0.59 - 1.45)                         | 0.59              | (0.40 - 0.86)                       | 0.64              | (0.46 - 0.88)                       |
| Arkansas             | 0.79              | (0.58 - 1.08)                       | 0.53                | (0.33 - 0.85)                         | 1.08                | (0.69 - 1.68)                         | 0.78              | (0.53 - 1.14)                       | 0.82              | (0.59 - 1.13)                       |
| California           | 0.51              | (0.40 - 0.64)                       | 0.57                | (0.39 - 0.84)                         | 0.56                | (0.38 - 0.82)                         | 0.49              | (0.36 - 0.66)                       | 0.50              | (0.39 - 0.64)                       |
| Colorado             | 0.67              | (0.49 - 0.90)                       | 0.49                | (0.29 - 0.82)                         | 1.19                | (0.78 - 1.82)                         | 0.60              | (0.41 - 0.88)                       | 0.68              | (0.50 - 0.94)                       |
| Connecticut          | 0.62              | (0.45 - 0.85)                       | 0.48                | (0.30 - 0.77)                         | 0.95                | (0.60 - 1.52)                         | 0.58              | (0.39 - 0.86)                       | 0.63              | (0.45 - 0.89)                       |
| Delaware             | 0.73              | (0.53 - 1.01)                       | 0.49                | (0.30 - 0.79)                         | 0.91                | (0.59 - 1.40)                         | 0.73              | (0.49 - 1.07)                       | 0.75              | (0.53 - 1.05)                       |
| District of Columbia | 0.55              | (0.38 - 0.78)                       | 0.45                | (0.25 - 0.81)                         | 0.66                | (0.41 - 1.07)                         | 0.53              | (0.34 - 0.83)                       | 0.56              | (0.38 - 0.80)                       |
| Florida              | 0.63              | (0.49 - 0.79)                       | 0.54                | (0.37 - 0.78)                         | 0.97                | (0.70 - 1.35)                         | 0.59              | (0.44 - 0.79)                       | 0.63              | (0.49 - 0.81)                       |
| Georgia              | 0.62              | (0.47 - 0.83)                       | 0.48                | (0.31 - 0.74)                         | 0.87                | (0.58 - 1.32)                         | 0.60              | (0.42 - 0.86)                       | 0.64              | (0.47 - 0.87)                       |
| Hawaii               | 0.47              | (0.33 - 0.66)                       | 0.54                | (0.31 - 0.94)                         | 0.58                | (0.35 - 0.96)                         | 0.44              | (0.29 - 0.68)                       | 0.46              | (0.31 - 0.67)                       |
| Idaho                | 0.76              | (0.57 - 1.03)                       | 0.58                | (0.37 - 0.90)                         | 1.07                | (0.71 - 1.62)                         | 0.74              | (0.51 - 1.08)                       | 0.79              | (0.57 - 1.08)                       |
| Illinois             | 0.58              | (0.44 - 0.76)                       | 0.55                | (0.36 - 0.83)                         | 0.81                | (0.54 - 1.21)                         | 0.54              | (0.38 - 0.77)                       | 0.58              | (0.43 - 0.78)                       |
| Indiana              | 0.74              | (0.55 - 1.00)                       | 0.49                | (0.31 - 0.78)                         | 1.23                | (0.81 - 1.85)                         | 0.69              | (0.47 - 1.01)                       | 0.77              | (0.56 - 1.05)                       |
| Iowa                 | 0.68              | (0.49 - 0.94)                       | 0.46                | (0.28 - 0.74)                         | 0.97                | (0.62 - 1.50)                         | 0.65              | (0.43 - 0.98)                       | 0.70              | (0.50 - 0.99)                       |
| Kansas               | 0.65              | (0.48 - 0.89)                       | 0.46                | (0.29 - 0.76)                         | 0.92                | (0.58 - 1.44)                         | 0.63              | (0.43 - 0.92)                       | 0.67              | (0.49 - 0.93)                       |
| Kentucky             | 0.82              | (0.61 - 1.11)                       | 0.45                | (0.28 - 0.72)                         | 1.36                | (0.90 - 2.05)                         | 0.78              | (0.54 - 1.12)                       | 0.86              | (0.63 - 1.17)                       |
| Louisiana            | 0.70              | (0.51 - 0.94)                       | 0.44                | (0.28 - 0.70)                         | 1.15                | (0.74 - 1.76)                         | 0.65              | (0.44 - 0.96)                       | 0.72              | (0.53 - 0.99)                       |
| Maine                | 0.78              | (0.58 - 1.05)                       | 0.46                | (0.29 - 0.74)                         | 1.39                | (0.92 - 2.10)                         | 0.73              | (0.50 - 1.05)                       | 0.80              | (0.59 - 1.10)                       |
| Maryland             | 0.59              | (0.43 - 0.82)                       | 0.47                | (0.29 - 0.76)                         | 0.78                | (0.49 - 1.22)                         | 0.58              | (0.38 - 0.86)                       | 0.60              | (0.42 - 0.86)                       |
| Massachusetts        | 0.68              | (0.49 - 0.94)                       | 0.44                | (0.27 - 0.72)                         | 0.80                | (0.51 - 1.25)                         | 0.68              | (0.46 - 1.01)                       | 0.70              | (0.50 - 0.98)                       |
| Michigan             | 0.74              | (0.58 - 0.95)                       | 0.49                | (0.32 - 0.73)                         | 0.98                | (0.69 - 1.41)                         | 0.73              | (0.54 - 0.99)                       | 0.77              | (0.59 - 0.99)                       |
| Minnesota            | 0.59              | (0.43 - 0.82)                       | 0.44                | (0.27 - 0.72)                         | 0.81                | (0.51 - 1.26)                         | 0.57              | (0.38 - 0.86)                       | 0.61              | (0.43 - 0.86)                       |
| Mississippi          | 0.75              | (0.55 - 1.02)                       | 0.50                | (0.31 - 0.81)                         | 1.23                | (0.79 - 1.89)                         | 0.70              | (0.47 - 1.03)                       | 0.78              | (0.56 - 1.07)                       |
| Missouri             | 0.69              | (0.51 - 0.93)                       | 0.50                | (0.31 - 0.81)                         | 1.04                | (0.67 - 1.60)                         | 0.65              | (0.44 - 0.95)                       | 0.70              | (0.51 - 0.97)                       |
| Montana              | 0.72              | (0.53 - 0.96)                       | 0.49                | (0.31 - 0.79)                         | 1.19                | (0.78 - 1.81)                         | 0.66              | (0.46 - 0.97)                       | 0.74              | (0.54 - 1.01)                       |

See notes at end of table.

(continued)

**Table 21 Pain Reliever Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 0.65              | (0.48 - 0.88)                       | 0.47                | (0.29 - 0.77)                         | 0.95                | (0.62 - 1.45)                         | 0.62              | (0.42 - 0.90)                       | 0.67              | (0.48 - 0.92)                       |
| Nevada         | 0.69              | (0.49 - 0.98)                       | 0.61                | (0.37 - 0.99)                         | 0.93                | (0.58 - 1.49)                         | 0.67              | (0.44 - 1.01)                       | 0.70              | (0.49 - 1.01)                       |
| New Hampshire  | 0.69              | (0.51 - 0.94)                       | 0.48                | (0.30 - 0.76)                         | 1.24                | (0.80 - 1.90)                         | 0.63              | (0.43 - 0.93)                       | 0.71              | (0.52 - 0.98)                       |
| New Jersey     | 0.60              | (0.44 - 0.83)                       | 0.43                | (0.27 - 0.71)                         | 0.82                | (0.52 - 1.27)                         | 0.59              | (0.40 - 0.87)                       | 0.62              | (0.44 - 0.87)                       |
| New Mexico     | 0.52              | (0.39 - 0.71)                       | 0.59                | (0.36 - 0.98)                         | 0.93                | (0.60 - 1.45)                         | 0.45              | (0.30 - 0.67)                       | 0.52              | (0.37 - 0.72)                       |
| New York       | 0.56              | (0.43 - 0.73)                       | 0.39                | (0.26 - 0.59)                         | 0.72                | (0.50 - 1.04)                         | 0.55              | (0.40 - 0.76)                       | 0.58              | (0.44 - 0.76)                       |
| North Carolina | 0.65              | (0.49 - 0.86)                       | 0.46                | (0.29 - 0.73)                         | 0.88                | (0.58 - 1.32)                         | 0.64              | (0.45 - 0.90)                       | 0.67              | (0.50 - 0.91)                       |
| North Dakota   | 0.66              | (0.49 - 0.89)                       | 0.46                | (0.29 - 0.74)                         | 1.05                | (0.70 - 1.58)                         | 0.60              | (0.41 - 0.89)                       | 0.68              | (0.50 - 0.93)                       |
| Ohio           | 0.73              | (0.57 - 0.93)                       | 0.51                | (0.35 - 0.76)                         | 1.20                | (0.85 - 1.70)                         | 0.68              | (0.50 - 0.92)                       | 0.75              | (0.58 - 0.97)                       |
| Oklahoma       | 0.69              | (0.50 - 0.93)                       | 0.52                | (0.33 - 0.82)                         | 0.88                | (0.55 - 1.40)                         | 0.67              | (0.46 - 0.97)                       | 0.70              | (0.51 - 0.98)                       |
| Oregon         | 0.69              | (0.50 - 0.95)                       | 0.51                | (0.32 - 0.80)                         | 0.87                | (0.55 - 1.38)                         | 0.69              | (0.47 - 1.00)                       | 0.71              | (0.51 - 0.99)                       |
| Pennsylvania   | 0.68              | (0.53 - 0.88)                       | 0.40                | (0.26 - 0.63)                         | 1.02                | (0.71 - 1.46)                         | 0.66              | (0.49 - 0.91)                       | 0.71              | (0.54 - 0.93)                       |
| Rhode Island   | 0.61              | (0.45 - 0.83)                       | 0.43                | (0.26 - 0.70)                         | 0.84                | (0.54 - 1.32)                         | 0.59              | (0.40 - 0.86)                       | 0.63              | (0.45 - 0.87)                       |
| South Carolina | 0.73              | (0.53 - 1.00)                       | 0.49                | (0.31 - 0.77)                         | 1.30                | (0.85 - 1.98)                         | 0.67              | (0.45 - 1.00)                       | 0.75              | (0.54 - 1.05)                       |
| South Dakota   | 0.69              | (0.50 - 0.96)                       | 0.51                | (0.32 - 0.82)                         | 0.93                | (0.59 - 1.46)                         | 0.68              | (0.45 - 1.01)                       | 0.71              | (0.50 - 1.01)                       |
| Tennessee      | 0.76              | (0.56 - 1.02)                       | 0.49                | (0.30 - 0.79)                         | 1.34                | (0.87 - 2.05)                         | 0.69              | (0.47 - 1.02)                       | 0.78              | (0.57 - 1.07)                       |
| Texas          | 0.55              | (0.43 - 0.69)                       | 0.58                | (0.39 - 0.87)                         | 0.91                | (0.63 - 1.29)                         | 0.48              | (0.35 - 0.66)                       | 0.54              | (0.42 - 0.71)                       |
| Utah           | 0.79              | (0.59 - 1.07)                       | 0.51                | (0.31 - 0.84)                         | 1.25                | (0.81 - 1.95)                         | 0.74              | (0.50 - 1.09)                       | 0.83              | (0.61 - 1.15)                       |
| Vermont        | 0.76              | (0.55 - 1.04)                       | 0.42                | (0.25 - 0.71)                         | 1.26                | (0.81 - 1.96)                         | 0.70              | (0.48 - 1.04)                       | 0.79              | (0.57 - 1.09)                       |
| Virginia       | 0.62              | (0.46 - 0.82)                       | 0.47                | (0.30 - 0.74)                         | 0.81                | (0.54 - 1.21)                         | 0.60              | (0.42 - 0.86)                       | 0.63              | (0.46 - 0.86)                       |
| Washington     | 0.69              | (0.50 - 0.95)                       | 0.54                | (0.34 - 0.86)                         | 0.82                | (0.52 - 1.29)                         | 0.68              | (0.47 - 1.00)                       | 0.70              | (0.50 - 0.98)                       |
| West Virginia  | 0.79              | (0.59 - 1.07)                       | 0.44                | (0.27 - 0.72)                         | 1.36                | (0.90 - 2.07)                         | 0.75              | (0.52 - 1.07)                       | 0.83              | (0.61 - 1.12)                       |
| Wisconsin      | 0.62              | (0.46 - 0.85)                       | 0.45                | (0.28 - 0.72)                         | 0.98                | (0.63 - 1.50)                         | 0.59              | (0.40 - 0.87)                       | 0.64              | (0.46 - 0.89)                       |
| Wyoming        | 0.67              | (0.49 - 0.92)                       | 0.53                | (0.32 - 0.86)                         | 1.02                | (0.65 - 1.59)                         | 0.64              | (0.43 - 0.93)                       | 0.69              | (0.50 - 0.96)                       |

NOTE: Pain Reliever Use Disorder is defined as meeting criteria for pain reliever dependence or abuse. Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

NOTE: Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.



**Table 22 Alcohol Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 5.46              | (5.29 - 5.64)                       | 1.87                | (1.70 - 2.06)                         | 10.35               | (9.90 - 10.81)                        | 5.09              | (4.88 - 5.30)                       | 5.82              | (5.63 - 6.02)                       |
| Northeast            | 5.61              | (5.24 - 6.01)                       | 1.82                | (1.55 - 2.14)                         | 10.98               | (10.14 - 11.89)                       | 5.17              | (4.75 - 5.62)                       | 5.97              | (5.57 - 6.39)                       |
| Midwest              | 5.82              | (5.52 - 6.14)                       | 1.99                | (1.75 - 2.27)                         | 11.47               | (10.75 - 12.23)                       | 5.35              | (5.00 - 5.71)                       | 6.22              | (5.89 - 6.56)                       |
| South                | 4.99              | (4.73 - 5.25)                       | 1.67                | (1.45 - 1.91)                         | 9.28                | (8.70 - 9.90)                         | 4.69              | (4.40 - 5.00)                       | 5.33              | (5.06 - 5.62)                       |
| West                 | 5.77              | (5.42 - 6.15)                       | 2.11                | (1.81 - 2.46)                         | 10.54               | (9.72 - 11.42)                        | 5.42              | (5.01 - 5.86)                       | 6.15              | (5.77 - 6.55)                       |
| Alabama              | 4.51              | (3.64 - 5.57)                       | 1.54                | (1.00 - 2.38)                         | 7.93                | (6.21 - 10.08)                        | 4.30              | (3.35 - 5.51)                       | 4.81              | (3.88 - 5.95)                       |
| Alaska               | 6.57              | (5.48 - 7.86)                       | 2.21                | (1.52 - 3.22)                         | 11.26               | (9.05 - 13.91)                        | 6.35              | (5.12 - 7.85)                       | 7.06              | (5.88 - 8.45)                       |
| Arizona              | 5.49              | (4.50 - 6.69)                       | 1.85                | (1.23 - 2.77)                         | 11.31               | (9.02 - 14.08)                        | 4.97              | (3.90 - 6.32)                       | 5.88              | (4.81 - 7.16)                       |
| Arkansas             | 5.38              | (4.45 - 6.50)                       | 2.12                | (1.44 - 3.10)                         | 9.32                | (7.40 - 11.68)                        | 5.14              | (4.11 - 6.40)                       | 5.73              | (4.72 - 6.93)                       |
| California           | 5.51              | (4.98 - 6.09)                       | 2.01                | (1.56 - 2.57)                         | 9.90                | (8.67 - 11.28)                        | 5.18              | (4.58 - 5.86)                       | 5.87              | (5.30 - 6.49)                       |
| Colorado             | 6.30              | (5.31 - 7.47)                       | 2.07                | (1.40 - 3.04)                         | 12.23               | (9.91 - 15.01)                        | 5.83              | (4.74 - 7.16)                       | 6.73              | (5.66 - 7.98)                       |
| Connecticut          | 6.10              | (5.02 - 7.40)                       | 2.68                | (1.77 - 4.03)                         | 11.18               | (8.95 - 13.87)                        | 5.68              | (4.50 - 7.13)                       | 6.44              | (5.29 - 7.82)                       |
| Delaware             | 6.15              | (5.08 - 7.42)                       | 1.79                | (1.20 - 2.67)                         | 10.09               | (8.06 - 12.56)                        | 6.03              | (4.84 - 7.48)                       | 6.56              | (5.41 - 7.92)                       |
| District of Columbia | 9.08              | (7.62 - 10.78)                      | 1.97                | (1.25 - 3.08)                         | 13.62               | (11.03 - 16.71)                       | 8.67              | (7.06 - 10.60)                      | 9.48              | (7.95 - 11.26)                      |
| Florida              | 5.29              | (4.68 - 5.96)                       | 2.03                | (1.55 - 2.64)                         | 9.95                | (8.63 - 11.46)                        | 4.97              | (4.29 - 5.75)                       | 5.57              | (4.92 - 6.29)                       |
| Georgia              | 4.42              | (3.69 - 5.29)                       | 1.27                | (0.83 - 1.94)                         | 7.83                | (6.28 - 9.72)                         | 4.26              | (3.44 - 5.27)                       | 4.78              | (3.98 - 5.72)                       |
| Hawaii               | 5.23              | (4.26 - 6.41)                       | 2.15                | (1.39 - 3.30)                         | 11.26               | (8.98 - 14.04)                        | 4.72              | (3.68 - 6.04)                       | 5.51              | (4.48 - 6.76)                       |
| Idaho                | 5.90              | (4.88 - 7.11)                       | 2.31                | (1.59 - 3.34)                         | 10.39               | (8.29 - 12.94)                        | 5.65              | (4.51 - 7.06)                       | 6.33              | (5.23 - 7.64)                       |
| Illinois             | 6.25              | (5.52 - 7.07)                       | 2.39                | (1.77 - 3.21)                         | 12.16               | (10.42 - 14.14)                       | 5.76              | (4.93 - 6.71)                       | 6.65              | (5.87 - 7.53)                       |
| Indiana              | 5.24              | (4.32 - 6.33)                       | 1.58                | (1.03 - 2.43)                         | 10.69               | (8.60 - 13.22)                        | 4.75              | (3.77 - 5.95)                       | 5.63              | (4.65 - 6.80)                       |
| Iowa                 | 7.08              | (5.97 - 8.39)                       | 2.25                | (1.54 - 3.29)                         | 14.25               | (11.82 - 17.09)                       | 6.39              | (5.17 - 7.87)                       | 7.58              | (6.38 - 8.99)                       |
| Kansas               | 5.52              | (4.59 - 6.64)                       | 2.39                | (1.63 - 3.51)                         | 11.27               | (9.00 - 14.01)                        | 4.91              | (3.91 - 6.14)                       | 5.87              | (4.87 - 7.07)                       |
| Kentucky             | 4.94              | (4.01 - 6.08)                       | 1.61                | (1.05 - 2.48)                         | 8.95                | (7.00 - 11.37)                        | 4.68              | (3.66 - 5.97)                       | 5.28              | (4.27 - 6.51)                       |
| Louisiana            | 6.16              | (5.11 - 7.41)                       | 2.26                | (1.53 - 3.34)                         | 10.03               | (7.96 - 12.55)                        | 6.00              | (4.82 - 7.44)                       | 6.57              | (5.44 - 7.92)                       |
| Maine                | 5.62              | (4.59 - 6.87)                       | 2.26                | (1.54 - 3.29)                         | 10.50               | (8.38 - 13.09)                        | 5.29              | (4.18 - 6.68)                       | 5.91              | (4.81 - 7.23)                       |
| Maryland             | 5.37              | (4.43 - 6.51)                       | 1.44                | (0.93 - 2.22)                         | 10.46               | (8.32 - 13.06)                        | 5.04              | (4.01 - 6.32)                       | 5.76              | (4.75 - 6.98)                       |
| Massachusetts        | 7.12              | (5.93 - 8.53)                       | 2.18                | (1.44 - 3.28)                         | 14.10               | (11.37 - 17.35)                       | 6.44              | (5.15 - 8.01)                       | 7.56              | (6.29 - 9.07)                       |
| Michigan             | 5.49              | (4.82 - 6.24)                       | 1.81                | (1.33 - 2.47)                         | 9.64                | (8.29 - 11.19)                        | 5.22              | (4.45 - 6.12)                       | 5.86              | (5.14 - 6.67)                       |
| Minnesota            | 5.06              | (4.22 - 6.06)                       | 1.70                | (1.14 - 2.53)                         | 10.94               | (8.81 - 13.51)                        | 4.53              | (3.63 - 5.64)                       | 5.41              | (4.50 - 6.48)                       |
| Mississippi          | 4.42              | (3.59 - 5.43)                       | 1.25                | (0.81 - 1.93)                         | 7.91                | (6.15 - 10.12)                        | 4.23              | (3.31 - 5.38)                       | 4.77              | (3.87 - 5.86)                       |
| Missouri             | 5.33              | (4.38 - 6.46)                       | 1.86                | (1.24 - 2.78)                         | 9.49                | (7.50 - 11.93)                        | 5.06              | (4.03 - 6.33)                       | 5.68              | (4.67 - 6.89)                       |
| Montana              | 7.65              | (6.48 - 9.01)                       | 3.72                | (2.50 - 5.52)                         | 13.85               | (11.28 - 16.90)                       | 7.08              | (5.81 - 8.61)                       | 8.01              | (6.78 - 9.45)                       |

See notes at end of table.

(continued)

**Table 22 Alcohol Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 5.80              | (4.82 - 6.95)                       | 2.17                | (1.46 - 3.22)                         | 12.54               | (10.16 - 15.37)                       | 5.06              | (4.03 - 6.34)                       | 6.19              | (5.15 - 7.43)                       |
| Nevada         | 5.66              | (4.65 - 6.88)                       | 2.33                | (1.55 - 3.48)                         | 11.75               | (9.43 - 14.55)                        | 5.16              | (4.07 - 6.53)                       | 6.00              | (4.92 - 7.30)                       |
| New Hampshire  | 6.13              | (5.09 - 7.37)                       | 1.98                | (1.35 - 2.90)                         | 12.94               | (10.40 - 15.99)                       | 5.52              | (4.40 - 6.89)                       | 6.51              | (5.40 - 7.83)                       |
| New Jersey     | 4.71              | (3.95 - 5.62)                       | 1.54                | (1.02 - 2.32)                         | 11.11               | (9.11 - 13.50)                        | 4.13              | (3.32 - 5.12)                       | 5.03              | (4.22 - 6.00)                       |
| New Mexico     | 6.01              | (5.00 - 7.22)                       | 2.22                | (1.48 - 3.33)                         | 10.87               | (8.71 - 13.49)                        | 5.68              | (4.58 - 7.03)                       | 6.42              | (5.33 - 7.71)                       |
| New York       | 5.67              | (5.00 - 6.42)                       | 1.79                | (1.33 - 2.40)                         | 9.80                | (8.44 - 11.35)                        | 5.41              | (4.66 - 6.27)                       | 6.02              | (5.31 - 6.83)                       |
| North Carolina | 4.38              | (3.63 - 5.28)                       | 1.31                | (0.86 - 2.00)                         | 7.34                | (5.80 - 9.24)                         | 4.28              | (3.44 - 5.31)                       | 4.69              | (3.89 - 5.66)                       |
| North Dakota   | 6.55              | (5.48 - 7.82)                       | 2.07                | (1.41 - 3.03)                         | 12.49               | (10.17 - 15.25)                       | 5.83              | (4.68 - 7.22)                       | 6.97              | (5.82 - 8.31)                       |
| Ohio           | 5.60              | (4.92 - 6.37)                       | 1.71                | (1.24 - 2.35)                         | 11.41               | (9.81 - 13.22)                        | 5.13              | (4.37 - 6.02)                       | 5.99              | (5.26 - 6.82)                       |
| Oklahoma       | 5.90              | (4.90 - 7.09)                       | 1.97                | (1.32 - 2.92)                         | 9.93                | (7.92 - 12.38)                        | 5.71              | (4.59 - 7.08)                       | 6.33              | (5.25 - 7.61)                       |
| Oregon         | 7.46              | (6.28 - 8.83)                       | 2.94                | (2.05 - 4.21)                         | 12.49               | (10.21 - 15.20)                       | 7.18              | (5.89 - 8.73)                       | 7.87              | (6.62 - 9.33)                       |
| Pennsylvania   | 4.97              | (4.35 - 5.67)                       | 1.50                | (1.06 - 2.12)                         | 10.32               | (8.85 - 12.00)                        | 4.52              | (3.83 - 5.32)                       | 5.29              | (4.63 - 6.04)                       |
| Rhode Island   | 6.74              | (5.61 - 8.07)                       | 2.25                | (1.52 - 3.33)                         | 12.48               | (10.08 - 15.36)                       | 6.17              | (4.93 - 7.70)                       | 7.13              | (5.93 - 8.56)                       |
| South Carolina | 5.43              | (4.50 - 6.53)                       | 1.57                | (1.02 - 2.40)                         | 11.44               | (9.33 - 13.96)                        | 4.93              | (3.91 - 6.20)                       | 5.80              | (4.81 - 6.99)                       |
| South Dakota   | 7.51              | (6.30 - 8.94)                       | 3.47                | (2.38 - 5.04)                         | 13.57               | (11.10 - 16.49)                       | 6.99              | (5.63 - 8.64)                       | 7.94              | (6.64 - 9.48)                       |
| Tennessee      | 4.82              | (3.97 - 5.85)                       | 1.66                | (1.10 - 2.50)                         | 9.42                | (7.40 - 11.91)                        | 4.46              | (3.54 - 5.61)                       | 5.14              | (4.22 - 6.25)                       |
| Texas          | 4.58              | (4.08 - 5.15)                       | 1.60                | (1.18 - 2.15)                         | 9.06                | (7.82 - 10.48)                        | 4.20              | (3.63 - 4.86)                       | 4.94              | (4.39 - 5.56)                       |
| Utah           | 4.89              | (4.07 - 5.86)                       | 1.75                | (1.17 - 2.62)                         | 8.92                | (7.03 - 11.27)                        | 4.52              | (3.64 - 5.61)                       | 5.33              | (4.43 - 6.39)                       |
| Vermont        | 7.26              | (6.05 - 8.69)                       | 2.53                | (1.69 - 3.78)                         | 16.03               | (12.96 - 19.66)                       | 6.20              | (4.94 - 7.74)                       | 7.65              | (6.37 - 9.17)                       |
| Virginia       | 5.49              | (4.69 - 6.41)                       | 1.90                | (1.33 - 2.70)                         | 10.77               | (8.95 - 12.89)                        | 5.05              | (4.16 - 6.13)                       | 5.84              | (4.99 - 6.83)                       |
| Washington     | 6.09              | (5.01 - 7.38)                       | 2.29                | (1.56 - 3.37)                         | 10.55               | (8.42 - 13.14)                        | 5.82              | (4.64 - 7.28)                       | 6.45              | (5.30 - 7.83)                       |
| West Virginia  | 4.44              | (3.57 - 5.51)                       | 1.67                | (1.09 - 2.55)                         | 9.28                | (7.22 - 11.86)                        | 4.02              | (3.10 - 5.20)                       | 4.69              | (3.76 - 5.83)                       |
| Wisconsin      | 6.96              | (5.85 - 8.25)                       | 2.27                | (1.56 - 3.29)                         | 14.44               | (11.95 - 17.34)                       | 6.28              | (5.07 - 7.74)                       | 7.43              | (6.24 - 8.82)                       |
| Wyoming        | 6.34              | (5.27 - 7.59)                       | 2.68                | (1.81 - 3.96)                         | 11.90               | (9.62 - 14.64)                        | 5.88              | (4.75 - 7.26)                       | 6.71              | (5.58 - 8.04)                       |

NOTE: Alcohol Use Disorder is defined as meeting criteria for alcohol dependence or abuse. Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 23 Substance Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 7.35              | (7.15 - 7.55)                       | 4.13                | (3.87 - 4.40)                         | 14.97               | (14.46 - 15.50)                       | 6.49              | (6.26 - 6.73)                       | 7.68              | (7.46 - 7.90)                       |
| Northeast            | 7.63              | (7.21 - 8.06)                       | 3.84                | (3.44 - 4.28)                         | 16.35               | (15.33 - 17.43)                       | 6.64              | (6.16 - 7.16)                       | 7.98              | (7.53 - 8.45)                       |
| Midwest              | 7.63              | (7.27 - 8.01)                       | 4.09                | (3.72 - 4.50)                         | 15.33               | (14.45 - 16.25)                       | 6.78              | (6.36 - 7.24)                       | 8.00              | (7.61 - 8.40)                       |
| South                | 6.77              | (6.47 - 7.09)                       | 3.82                | (3.48 - 4.19)                         | 13.97               | (13.20 - 14.77)                       | 5.97              | (5.60 - 6.36)                       | 7.08              | (6.75 - 7.42)                       |
| West                 | 7.82              | (7.42 - 8.24)                       | 4.85                | (4.33 - 5.42)                         | 15.20               | (14.20 - 16.26)                       | 6.95              | (6.48 - 7.45)                       | 8.12              | (7.69 - 8.59)                       |
| Alabama              | 6.59              | (5.54 - 7.83)                       | 3.96                | (2.93 - 5.33)                         | 12.09               | (9.88 - 14.71)                        | 6.01              | (4.83 - 7.46)                       | 6.86              | (5.72 - 8.20)                       |
| Alaska               | 8.98              | (7.75 - 10.39)                      | 6.54                | (4.98 - 8.55)                         | 16.53               | (13.90 - 19.54)                       | 8.04              | (6.65 - 9.68)                       | 9.26              | (7.94 - 10.77)                      |
| Arizona              | 7.45              | (6.31 - 8.77)                       | 4.77                | (3.67 - 6.17)                         | 15.98               | (13.23 - 19.17)                       | 6.36              | (5.13 - 7.86)                       | 7.73              | (6.51 - 9.16)                       |
| Arkansas             | 7.37              | (6.28 - 8.64)                       | 4.10                | (3.17 - 5.30)                         | 13.55               | (11.15 - 16.38)                       | 6.76              | (5.53 - 8.24)                       | 7.72              | (6.53 - 9.10)                       |
| California           | 7.48              | (6.90 - 8.11)                       | 4.63                | (3.93 - 5.44)                         | 14.20               | (12.70 - 15.85)                       | 6.69              | (6.01 - 7.43)                       | 7.78              | (7.14 - 8.46)                       |
| Colorado             | 8.76              | (7.59 - 10.07)                      | 5.60                | (4.29 - 7.27)                         | 19.39               | (16.37 - 22.82)                       | 7.39              | (6.14 - 8.88)                       | 9.07              | (7.83 - 10.49)                      |
| Connecticut          | 8.40              | (7.21 - 9.78)                       | 4.64                | (3.53 - 6.08)                         | 18.34               | (15.50 - 21.56)                       | 7.22              | (5.89 - 8.83)                       | 8.77              | (7.49 - 10.26)                      |
| Delaware             | 8.53              | (7.28 - 9.97)                       | 4.32                | (3.31 - 5.63)                         | 16.08               | (13.46 - 19.11)                       | 7.86              | (6.46 - 9.54)                       | 8.93              | (7.59 - 10.48)                      |
| District of Columbia | 11.21             | (9.73 - 12.87)                      | 5.14                | (3.93 - 6.70)                         | 19.23               | (16.19 - 22.69)                       | 10.05             | (8.43 - 11.94)                      | 11.55             | (10.00 - 13.29)                     |
| Florida              | 6.95              | (6.24 - 7.72)                       | 4.54                | (3.78 - 5.43)                         | 14.56               | (12.89 - 16.41)                       | 6.14              | (5.34 - 7.04)                       | 7.16              | (6.40 - 7.99)                       |
| Georgia              | 6.00              | (5.15 - 6.98)                       | 3.18                | (2.44 - 4.13)                         | 11.59               | (9.72 - 13.78)                        | 5.43              | (4.47 - 6.58)                       | 6.32              | (5.40 - 7.38)                       |
| Hawaii               | 6.77              | (5.73 - 8.00)                       | 3.93                | (2.96 - 5.19)                         | 15.37               | (12.71 - 18.47)                       | 5.88              | (4.74 - 7.28)                       | 7.03              | (5.91 - 8.34)                       |
| Idaho                | 7.79              | (6.64 - 9.13)                       | 4.65                | (3.61 - 5.96)                         | 13.18               | (10.77 - 16.02)                       | 7.34              | (6.01 - 8.94)                       | 8.18              | (6.91 - 9.64)                       |
| Illinois             | 7.98              | (7.15 - 8.90)                       | 4.67                | (3.75 - 5.79)                         | 16.03               | (14.08 - 18.20)                       | 7.07              | (6.14 - 8.14)                       | 8.32              | (7.43 - 9.32)                       |
| Indiana              | 7.14              | (6.03 - 8.44)                       | 3.29                | (2.47 - 4.37)                         | 14.61               | (12.11 - 17.52)                       | 6.33              | (5.12 - 7.81)                       | 7.56              | (6.36 - 8.97)                       |
| Iowa                 | 8.73              | (7.51 - 10.12)                      | 4.18                | (3.23 - 5.38)                         | 17.23               | (14.49 - 20.38)                       | 7.76              | (6.41 - 9.38)                       | 9.20              | (7.88 - 10.71)                      |
| Kansas               | 6.92              | (5.90 - 8.10)                       | 4.09                | (3.18 - 5.25)                         | 14.05               | (11.59 - 16.92)                       | 6.02              | (4.90 - 7.37)                       | 7.24              | (6.14 - 8.51)                       |
| Kentucky             | 7.12              | (6.00 - 8.42)                       | 3.62                | (2.77 - 4.72)                         | 13.72               | (11.28 - 16.59)                       | 6.46              | (5.21 - 7.97)                       | 7.47              | (6.27 - 8.88)                       |
| Louisiana            | 8.02              | (6.85 - 9.37)                       | 3.89                | (2.98 - 5.05)                         | 14.25               | (11.79 - 17.12)                       | 7.50              | (6.18 - 9.08)                       | 8.46              | (7.19 - 9.92)                       |
| Maine                | 8.08              | (6.84 - 9.52)                       | 4.75                | (3.69 - 6.09)                         | 16.02               | (13.39 - 19.04)                       | 7.33              | (5.94 - 9.02)                       | 8.36              | (7.04 - 9.90)                       |
| Maryland             | 7.49              | (6.41 - 8.75)                       | 3.45                | (2.65 - 4.48)                         | 16.84               | (14.09 - 20.00)                       | 6.52              | (5.32 - 7.97)                       | 7.89              | (6.72 - 9.25)                       |
| Massachusetts        | 9.64              | (8.24 - 11.25)                      | 4.26                | (3.26 - 5.55)                         | 19.92               | (16.83 - 23.41)                       | 8.44              | (6.89 - 10.30)                      | 10.13             | (8.62 - 11.86)                      |
| Michigan             | 7.56              | (6.77 - 8.44)                       | 3.87                | (3.15 - 4.75)                         | 14.47               | (12.70 - 16.45)                       | 6.84              | (5.92 - 7.89)                       | 7.93              | (7.08 - 8.88)                       |
| Minnesota            | 6.72              | (5.69 - 7.92)                       | 4.27                | (3.25 - 5.60)                         | 14.88               | (12.38 - 17.78)                       | 5.72              | (4.62 - 7.06)                       | 6.97              | (5.87 - 8.27)                       |
| Mississippi          | 6.44              | (5.40 - 7.67)                       | 3.49                | (2.64 - 4.61)                         | 12.82               | (10.43 - 15.65)                       | 5.72              | (4.57 - 7.14)                       | 6.77              | (5.64 - 8.11)                       |
| Missouri             | 7.29              | (6.18 - 8.59)                       | 3.72                | (2.83 - 4.87)                         | 13.08               | (10.65 - 15.97)                       | 6.77              | (5.53 - 8.27)                       | 7.66              | (6.45 - 9.06)                       |
| Montana              | 8.98              | (7.75 - 10.38)                      | 6.30                | (4.86 - 8.11)                         | 17.91               | (15.23 - 20.95)                       | 7.84              | (6.48 - 9.47)                       | 9.23              | (7.92 - 10.73)                      |

See notes at end of table.

(continued)

**Table 23 Substance Use Disorder in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 7.69              | (6.60 - 8.94)                       | 4.05                | (3.14 - 5.21)                         | 16.10               | (13.44 - 19.18)                       | 6.66              | (5.45 - 8.10)                       | 8.08              | (6.90 - 9.45)                       |
| Nevada         | 8.04              | (6.82 - 9.45)                       | 5.20                | (3.96 - 6.78)                         | 18.76               | (15.63 - 22.35)                       | 6.81              | (5.48 - 8.42)                       | 8.32              | (7.02 - 9.85)                       |
| New Hampshire  | 8.32              | (7.20 - 9.60)                       | 4.25                | (3.29 - 5.49)                         | 19.33               | (16.38 - 22.68)                       | 7.04              | (5.81 - 8.51)                       | 8.69              | (7.48 - 10.06)                      |
| New Jersey     | 6.23              | (5.35 - 7.24)                       | 3.34                | (2.58 - 4.32)                         | 15.80               | (13.31 - 18.66)                       | 5.14              | (4.20 - 6.27)                       | 6.52              | (5.57 - 7.61)                       |
| New Mexico     | 8.01              | (6.84 - 9.35)                       | 6.01                | (4.61 - 7.82)                         | 16.81               | (14.06 - 19.97)                       | 6.80              | (5.52 - 8.36)                       | 8.22              | (6.96 - 9.68)                       |
| New York       | 7.71              | (6.99 - 8.50)                       | 4.04                | (3.33 - 4.89)                         | 15.18               | (13.47 - 17.06)                       | 6.88              | (6.05 - 7.82)                       | 8.04              | (7.27 - 8.89)                       |
| North Carolina | 6.27              | (5.39 - 7.29)                       | 3.63                | (2.84 - 4.62)                         | 12.25               | (10.22 - 14.61)                       | 5.64              | (4.67 - 6.81)                       | 6.54              | (5.59 - 7.64)                       |
| North Dakota   | 8.24              | (7.06 - 9.60)                       | 4.39                | (3.38 - 5.68)                         | 15.13               | (12.55 - 18.13)                       | 7.25              | (5.95 - 8.80)                       | 8.60              | (7.33 - 10.06)                      |
| Ohio           | 7.67              | (6.87 - 8.55)                       | 3.99                | (3.26 - 4.87)                         | 15.97               | (14.15 - 17.97)                       | 6.79              | (5.87 - 7.83)                       | 8.05              | (7.19 - 9.00)                       |
| Oklahoma       | 7.44              | (6.30 - 8.77)                       | 4.36                | (3.34 - 5.67)                         | 13.93               | (11.46 - 16.84)                       | 6.72              | (5.45 - 8.26)                       | 7.78              | (6.54 - 9.22)                       |
| Oregon         | 9.39              | (8.06 - 10.92)                      | 5.30                | (4.14 - 6.78)                         | 17.17               | (14.56 - 20.13)                       | 8.65              | (7.14 - 10.45)                      | 9.76              | (8.33 - 11.41)                      |
| Pennsylvania   | 6.88              | (6.13 - 7.71)                       | 3.19                | (2.55 - 3.97)                         | 15.19               | (13.37 - 17.20)                       | 5.99              | (5.14 - 6.96)                       | 7.22              | (6.42 - 8.12)                       |
| Rhode Island   | 8.44              | (7.23 - 9.82)                       | 4.69                | (3.60 - 6.09)                         | 17.28               | (14.41 - 20.58)                       | 7.24              | (5.94 - 8.80)                       | 8.77              | (7.49 - 10.24)                      |
| South Carolina | 7.53              | (6.41 - 8.82)                       | 4.09                | (3.13 - 5.33)                         | 16.69               | (14.05 - 19.72)                       | 6.49              | (5.26 - 7.99)                       | 7.86              | (6.66 - 9.26)                       |
| South Dakota   | 9.18              | (7.87 - 10.67)                      | 5.59                | (4.38 - 7.11)                         | 17.38               | (14.58 - 20.58)                       | 8.23              | (6.76 - 9.99)                       | 9.56              | (8.14 - 11.18)                      |
| Tennessee      | 6.66              | (5.66 - 7.82)                       | 3.86                | (2.97 - 4.99)                         | 14.12               | (11.63 - 17.04)                       | 5.81              | (4.73 - 7.10)                       | 6.94              | (5.87 - 8.20)                       |
| Texas          | 6.14              | (5.53 - 6.81)                       | 3.61                | (2.96 - 4.41)                         | 13.62               | (11.98 - 15.45)                       | 5.16              | (4.46 - 5.95)                       | 6.44              | (5.78 - 7.18)                       |
| Utah           | 6.78              | (5.78 - 7.93)                       | 3.84                | (2.88 - 5.10)                         | 12.42               | (10.02 - 15.28)                       | 6.03              | (4.95 - 7.33)                       | 7.19              | (6.10 - 8.46)                       |
| Vermont        | 9.64              | (8.25 - 11.23)                      | 5.47                | (4.21 - 7.07)                         | 22.65               | (19.02 - 26.74)                       | 7.79              | (6.31 - 9.57)                       | 9.99              | (8.51 - 11.69)                      |
| Virginia       | 7.41              | (6.44 - 8.50)                       | 3.65                | (2.85 - 4.65)                         | 16.10               | (13.92 - 18.55)                       | 6.45              | (5.38 - 7.71)                       | 7.78              | (6.74 - 8.97)                       |
| Washington     | 8.56              | (7.32 - 9.99)                       | 5.18                | (4.01 - 6.67)                         | 15.44               | (12.85 - 18.44)                       | 7.88              | (6.50 - 9.52)                       | 8.89              | (7.56 - 10.42)                      |
| West Virginia  | 6.30              | (5.32 - 7.45)                       | 4.42                | (3.40 - 5.73)                         | 13.99               | (11.60 - 16.78)                       | 5.37              | (4.31 - 6.67)                       | 6.47              | (5.42 - 7.70)                       |
| Wisconsin      | 8.13              | (6.92 - 9.53)                       | 4.23                | (3.31 - 5.40)                         | 16.68               | (13.92 - 19.87)                       | 7.18              | (5.84 - 8.80)                       | 8.52              | (7.22 - 10.04)                      |
| Wyoming        | 7.80              | (6.66 - 9.12)                       | 5.40                | (4.13 - 7.04)                         | 14.37               | (11.91 - 17.24)                       | 7.04              | (5.77 - 8.56)                       | 8.05              | (6.82 - 9.47)                       |

NOTE: Substance Use Disorder is defined as meeting criteria for illicit drug or alcohol dependence or abuse. Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*.

NOTE: Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine. Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 24** *Needing But Not Receiving Treatment at a Specialty Facility for Illicit Drug Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs*

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 2.45              | (2.35 - 2.55)                       | 2.92                | (2.70 - 3.15)                         | 6.58                | (6.22 - 6.95)                         | 1.72              | (1.62 - 1.84)                       | 2.40              | (2.30 - 2.52)                       |
| Northeast            | 2.48              | (2.27 - 2.70)                       | 2.65                | (2.33 - 3.01)                         | 6.73                | (6.09 - 7.42)                         | 1.78              | (1.56 - 2.03)                       | 2.46              | (2.24 - 2.70)                       |
| Midwest              | 2.30              | (2.11 - 2.49)                       | 2.56                | (2.27 - 2.88)                         | 5.91                | (5.37 - 6.50)                         | 1.67              | (1.48 - 1.88)                       | 2.27              | (2.08 - 2.48)                       |
| South                | 2.30              | (2.15 - 2.46)                       | 2.73                | (2.46 - 3.03)                         | 6.59                | (6.11 - 7.10)                         | 1.56              | (1.41 - 1.73)                       | 2.26              | (2.10 - 2.43)                       |
| West                 | 2.80              | (2.57 - 3.06)                       | 3.72                | (3.26 - 4.25)                         | 7.04                | (6.35 - 7.79)                         | 1.99              | (1.74 - 2.27)                       | 2.71              | (2.46 - 2.98)                       |
| Alabama              | 2.48              | (1.98 - 3.09)                       | 2.49                | (1.83 - 3.37)                         | 7.08                | (5.42 - 9.19)                         | 1.73              | (1.27 - 2.34)                       | 2.47              | (1.96 - 3.13)                       |
| Alaska               | 3.07              | (2.48 - 3.80)                       | 4.15                | (3.04 - 5.63)                         | 7.33                | (5.61 - 9.51)                         | 2.21              | (1.63 - 3.00)                       | 2.95              | (2.33 - 3.73)                       |
| Arizona              | 2.32              | (1.86 - 2.88)                       | 3.52                | (2.64 - 4.69)                         | 6.39                | (4.73 - 8.59)                         | 1.49              | (1.10 - 2.04)                       | 2.19              | (1.73 - 2.78)                       |
| Arkansas             | 2.26              | (1.80 - 2.85)                       | 2.74                | (2.02 - 3.71)                         | 5.37                | (3.99 - 7.19)                         | 1.69              | (1.24 - 2.31)                       | 2.21              | (1.73 - 2.83)                       |
| California           | 2.80              | (2.46 - 3.19)                       | 3.79                | (3.14 - 4.56)                         | 6.73                | (5.73 - 7.90)                         | 2.02              | (1.67 - 2.44)                       | 2.70              | (2.34 - 3.11)                       |
| Colorado             | 3.30              | (2.66 - 4.10)                       | 3.98                | (2.97 - 5.33)                         | 9.34                | (7.19 - 12.06)                        | 2.24              | (1.65 - 3.03)                       | 3.24              | (2.56 - 4.08)                       |
| Connecticut          | 3.11              | (2.47 - 3.90)                       | 3.25                | (2.37 - 4.46)                         | 8.71                | (6.65 - 11.33)                        | 2.18              | (1.59 - 2.99)                       | 3.09              | (2.43 - 3.93)                       |
| Delaware             | 2.82              | (2.26 - 3.51)                       | 3.24                | (2.45 - 4.28)                         | 7.32                | (5.60 - 9.51)                         | 2.10              | (1.54 - 2.86)                       | 2.78              | (2.19 - 3.51)                       |
| District of Columbia | 3.50              | (2.78 - 4.40)                       | 3.36                | (2.48 - 4.54)                         | 7.81                | (5.91 - 10.26)                        | 2.67              | (1.97 - 3.61)                       | 3.51              | (2.76 - 4.44)                       |
| Florida              | 2.41              | (2.06 - 2.81)                       | 3.51                | (2.86 - 4.30)                         | 6.55                | (5.45 - 7.85)                         | 1.73              | (1.38 - 2.18)                       | 2.31              | (1.95 - 2.74)                       |
| Georgia              | 2.18              | (1.78 - 2.65)                       | 2.39                | (1.80 - 3.15)                         | 5.93                | (4.59 - 7.65)                         | 1.51              | (1.14 - 2.00)                       | 2.15              | (1.74 - 2.66)                       |
| Hawaii               | 2.01              | (1.57 - 2.58)                       | 2.96                | (2.14 - 4.06)                         | 5.86                | (4.35 - 7.83)                         | 1.39              | (0.97 - 1.98)                       | 1.93              | (1.47 - 2.52)                       |
| Idaho                | 2.09              | (1.66 - 2.64)                       | 2.86                | (2.09 - 3.89)                         | 5.33                | (3.87 - 7.30)                         | 1.45              | (1.05 - 1.99)                       | 2.00              | (1.55 - 2.58)                       |
| Illinois             | 2.32              | (1.94 - 2.78)                       | 2.68                | (2.11 - 3.40)                         | 5.88                | (4.70 - 7.33)                         | 1.70              | (1.32 - 2.19)                       | 2.29              | (1.88 - 2.78)                       |
| Indiana              | 2.18              | (1.71 - 2.78)                       | 2.31                | (1.69 - 3.15)                         | 5.51                | (4.03 - 7.48)                         | 1.58              | (1.14 - 2.20)                       | 2.17              | (1.67 - 2.81)                       |
| Iowa                 | 2.21              | (1.73 - 2.82)                       | 2.42                | (1.76 - 3.32)                         | 5.84                | (4.40 - 7.71)                         | 1.54              | (1.09 - 2.17)                       | 2.19              | (1.69 - 2.83)                       |
| Kansas               | 1.91              | (1.47 - 2.49)                       | 2.24                | (1.61 - 3.12)                         | 5.02                | (3.61 - 6.94)                         | 1.32              | (0.92 - 1.88)                       | 1.88              | (1.42 - 2.48)                       |
| Kentucky             | 2.41              | (1.91 - 3.04)                       | 2.55                | (1.89 - 3.44)                         | 6.58                | (4.95 - 8.68)                         | 1.72              | (1.25 - 2.36)                       | 2.40              | (1.87 - 3.07)                       |
| Louisiana            | 2.37              | (1.89 - 2.98)                       | 2.15                | (1.58 - 2.93)                         | 6.39                | (4.80 - 8.44)                         | 1.74              | (1.27 - 2.38)                       | 2.40              | (1.89 - 3.05)                       |
| Maine                | 2.70              | (2.13 - 3.43)                       | 2.90                | (2.14 - 3.91)                         | 7.35                | (5.56 - 9.67)                         | 2.06              | (1.49 - 2.85)                       | 2.69              | (2.08 - 3.45)                       |
| Maryland             | 2.44              | (1.95 - 3.05)                       | 2.56                | (1.88 - 3.48)                         | 6.98                | (5.29 - 9.17)                         | 1.74              | (1.28 - 2.35)                       | 2.43              | (1.92 - 3.08)                       |
| Massachusetts        | 3.03              | (2.39 - 3.83)                       | 2.90                | (2.16 - 3.87)                         | 7.47                | (5.67 - 9.79)                         | 2.28              | (1.64 - 3.14)                       | 3.04              | (2.37 - 3.90)                       |
| Michigan             | 2.49              | (2.10 - 2.96)                       | 2.59                | (2.04 - 3.29)                         | 6.21                | (5.08 - 7.57)                         | 1.86              | (1.45 - 2.38)                       | 2.48              | (2.07 - 2.98)                       |
| Minnesota            | 2.12              | (1.65 - 2.71)                       | 2.69                | (1.99 - 3.63)                         | 5.34                | (3.92 - 7.24)                         | 1.54              | (1.09 - 2.16)                       | 2.06              | (1.57 - 2.69)                       |
| Mississippi          | 2.38              | (1.88 - 2.99)                       | 2.48                | (1.81 - 3.39)                         | 6.45                | (4.81 - 8.60)                         | 1.65              | (1.20 - 2.27)                       | 2.36              | (1.84 - 3.03)                       |
| Missouri             | 2.27              | (1.82 - 2.84)                       | 2.34                | (1.73 - 3.16)                         | 5.81                | (4.35 - 7.71)                         | 1.69              | (1.25 - 2.28)                       | 2.27              | (1.79 - 2.87)                       |
| Montana              | 2.64              | (2.14 - 3.24)                       | 3.39                | (2.54 - 4.49)                         | 7.63                | (5.91 - 9.81)                         | 1.76              | (1.31 - 2.36)                       | 2.57              | (2.05 - 3.20)                       |

See notes at end of table.

(continued)

**Table 24** *Needing But Not Receiving Treatment at a Specialty Facility for Illicit Drug Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)*

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 2.29              | (1.82 - 2.88)                       | 2.57                | (1.92 - 3.43)                         | 6.51                | (4.89 - 8.62)                         | 1.50              | (1.08 - 2.08)                       | 2.26              | (1.76 - 2.89)                       |
| Nevada         | 3.05              | (2.42 - 3.84)                       | 4.21                | (3.11 - 5.67)                         | 9.16                | (6.93 - 12.01)                        | 2.03              | (1.46 - 2.83)                       | 2.94              | (2.29 - 3.76)                       |
| New Hampshire  | 2.66              | (2.14 - 3.31)                       | 2.92                | (2.18 - 3.89)                         | 8.51                | (6.53 - 11.01)                        | 1.73              | (1.25 - 2.39)                       | 2.64              | (2.09 - 3.33)                       |
| New Jersey     | 1.85              | (1.48 - 2.31)                       | 2.40                | (1.80 - 3.20)                         | 5.52                | (4.18 - 7.26)                         | 1.25              | (0.90 - 1.72)                       | 1.80              | (1.41 - 2.28)                       |
| New Mexico     | 2.81              | (2.26 - 3.49)                       | 4.25                | (3.16 - 5.69)                         | 8.11                | (6.17 - 10.59)                        | 1.76              | (1.26 - 2.46)                       | 2.66              | (2.09 - 3.38)                       |
| New York       | 2.52              | (2.18 - 2.91)                       | 2.80                | (2.25 - 3.47)                         | 7.02                | (5.89 - 8.35)                         | 1.76              | (1.41 - 2.18)                       | 2.50              | (2.14 - 2.90)                       |
| North Carolina | 2.32              | (1.90 - 2.84)                       | 2.83                | (2.17 - 3.66)                         | 6.78                | (5.30 - 8.62)                         | 1.56              | (1.17 - 2.08)                       | 2.27              | (1.83 - 2.82)                       |
| North Dakota   | 2.08              | (1.62 - 2.68)                       | 2.52                | (1.83 - 3.47)                         | 5.20                | (3.74 - 7.18)                         | 1.39              | (0.99 - 1.96)                       | 2.04              | (1.56 - 2.68)                       |
| Ohio           | 2.53              | (2.16 - 2.97)                       | 2.69                | (2.14 - 3.37)                         | 6.77                | (5.61 - 8.14)                         | 1.84              | (1.46 - 2.31)                       | 2.51              | (2.12 - 2.98)                       |
| Oklahoma       | 2.23              | (1.79 - 2.78)                       | 3.12                | (2.31 - 4.21)                         | 6.60                | (4.97 - 8.72)                         | 1.37              | (0.98 - 1.89)                       | 2.13              | (1.67 - 2.72)                       |
| Oregon         | 2.99              | (2.42 - 3.69)                       | 4.01                | (3.03 - 5.28)                         | 7.46                | (5.69 - 9.73)                         | 2.21              | (1.66 - 2.96)                       | 2.90              | (2.30 - 3.64)                       |
| Pennsylvania   | 2.23              | (1.86 - 2.67)                       | 2.14                | (1.66 - 2.75)                         | 5.47                | (4.40 - 6.79)                         | 1.74              | (1.36 - 2.23)                       | 2.24              | (1.85 - 2.71)                       |
| Rhode Island   | 3.07              | (2.45 - 3.83)                       | 3.64                | (2.71 - 4.87)                         | 7.70                | (5.84 - 10.10)                        | 2.18              | (1.60 - 2.96)                       | 3.02              | (2.38 - 3.82)                       |
| South Carolina | 2.37              | (1.89 - 2.97)                       | 2.88                | (2.18 - 3.81)                         | 6.93                | (5.26 - 9.07)                         | 1.61              | (1.17 - 2.22)                       | 2.32              | (1.82 - 2.96)                       |
| South Dakota   | 2.45              | (1.96 - 3.06)                       | 3.13                | (2.33 - 4.19)                         | 6.73                | (5.12 - 8.81)                         | 1.64              | (1.18 - 2.27)                       | 2.38              | (1.87 - 3.03)                       |
| Tennessee      | 2.43              | (1.94 - 3.03)                       | 2.85                | (2.10 - 3.86)                         | 6.98                | (5.29 - 9.17)                         | 1.66              | (1.21 - 2.26)                       | 2.39              | (1.88 - 3.03)                       |
| Texas          | 2.06              | (1.78 - 2.38)                       | 2.52                | (2.00 - 3.17)                         | 6.47                | (5.41 - 7.73)                         | 1.20              | (0.94 - 1.53)                       | 2.00              | (1.71 - 2.35)                       |
| Utah           | 2.55              | (2.04 - 3.18)                       | 2.57                | (1.91 - 3.46)                         | 6.16                | (4.56 - 8.29)                         | 1.73              | (1.27 - 2.36)                       | 2.54              | (2.00 - 3.23)                       |
| Vermont        | 3.30              | (2.63 - 4.14)                       | 3.25                | (2.35 - 4.47)                         | 10.33               | (7.77 - 13.60)                        | 2.09              | (1.49 - 2.92)                       | 3.31              | (2.60 - 4.20)                       |
| Virginia       | 2.37              | (1.95 - 2.88)                       | 2.43                | (1.85 - 3.18)                         | 7.11                | (5.65 - 8.91)                         | 1.61              | (1.21 - 2.13)                       | 2.36              | (1.92 - 2.91)                       |
| Washington     | 3.15              | (2.49 - 3.98)                       | 3.92                | (2.95 - 5.20)                         | 7.35                | (5.55 - 9.67)                         | 2.42              | (1.76 - 3.31)                       | 3.08              | (2.39 - 3.95)                       |
| West Virginia  | 2.32              | (1.84 - 2.91)                       | 2.78                | (2.04 - 3.79)                         | 6.00                | (4.49 - 7.98)                         | 1.74              | (1.28 - 2.36)                       | 2.28              | (1.79 - 2.90)                       |
| Wisconsin      | 2.00              | (1.54 - 2.59)                       | 2.55                | (1.88 - 3.45)                         | 5.18                | (3.74 - 7.14)                         | 1.41              | (0.99 - 2.02)                       | 1.95              | (1.47 - 2.57)                       |
| Wyoming        | 2.05              | (1.60 - 2.63)                       | 3.13                | (2.27 - 4.32)                         | 5.40                | (3.95 - 7.35)                         | 1.39              | (0.99 - 1.95)                       | 1.94              | (1.48 - 2.54)                       |

NOTE: Respondents were classified as needing illicit drug treatment if they met the criteria for an illicit drug use disorder as defined in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV) or received treatment for illicit drug use at a specialty facility (i.e., drug and alcohol rehabilitation facility [inpatient or outpatient], hospital [inpatient only], or mental health center). Needing But Not Receiving Illicit Drug Treatment refers to respondents who are classified as needing illicit drug treatment, but who did not receive illicit drug treatment at a specialty facility. Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine. Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 25 *Needing But Not Receiving Treatment at a Specialty Facility for Alcohol Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs***

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 5.22              | (5.05 - 5.39)                       | 1.79                | (1.62 - 1.98)                         | 9.99                | (9.56 - 10.45)                        | 4.85              | (4.65 - 5.05)                       | 5.57              | (5.38 - 5.76)                       |
| Northeast            | 5.40              | (5.05 - 5.78)                       | 1.72                | (1.45 - 2.03)                         | 10.54               | (9.72 - 11.41)                        | 4.98              | (4.58 - 5.42)                       | 5.75              | (5.36 - 6.16)                       |
| Midwest              | 5.52              | (5.23 - 5.82)                       | 1.89                | (1.65 - 2.16)                         | 10.67               | (9.99 - 11.38)                        | 5.10              | (4.76 - 5.46)                       | 5.89              | (5.58 - 6.22)                       |
| South                | 4.73              | (4.49 - 4.98)                       | 1.64                | (1.43 - 1.89)                         | 9.09                | (8.54 - 9.68)                         | 4.40              | (4.12 - 4.70)                       | 5.05              | (4.79 - 5.32)                       |
| West                 | 5.59              | (5.26 - 5.94)                       | 1.99                | (1.69 - 2.35)                         | 10.40               | (9.58 - 11.27)                        | 5.23              | (4.84 - 5.65)                       | 5.96              | (5.61 - 6.34)                       |
| Alabama              | 4.24              | (3.49 - 5.14)                       | 1.64                | (1.08 - 2.48)                         | 7.80                | (6.16 - 9.84)                         | 3.97              | (3.14 - 5.00)                       | 4.50              | (3.70 - 5.47)                       |
| Alaska               | 6.35              | (5.30 - 7.59)                       | 1.98                | (1.33 - 2.93)                         | 10.27               | (8.28 - 12.67)                        | 6.26              | (5.06 - 7.73)                       | 6.84              | (5.71 - 8.18)                       |
| Arizona              | 5.16              | (4.30 - 6.18)                       | 1.82                | (1.21 - 2.73)                         | 11.30               | (9.09 - 13.95)                        | 4.55              | (3.63 - 5.69)                       | 5.51              | (4.59 - 6.61)                       |
| Arkansas             | 4.73              | (3.94 - 5.66)                       | 1.99                | (1.36 - 2.92)                         | 8.94                | (7.14 - 11.14)                        | 4.37              | (3.50 - 5.44)                       | 5.01              | (4.18 - 6.01)                       |
| California           | 5.41              | (4.90 - 5.97)                       | 1.95                | (1.50 - 2.53)                         | 9.93                | (8.70 - 11.30)                        | 5.05              | (4.47 - 5.71)                       | 5.76              | (5.21 - 6.36)                       |
| Colorado             | 6.27              | (5.32 - 7.39)                       | 1.88                | (1.26 - 2.80)                         | 12.01               | (9.83 - 14.61)                        | 5.86              | (4.79 - 7.14)                       | 6.72              | (5.69 - 7.92)                       |
| Connecticut          | 5.77              | (4.81 - 6.91)                       | 2.41                | (1.59 - 3.64)                         | 10.21               | (8.18 - 12.67)                        | 5.44              | (4.36 - 6.76)                       | 6.10              | (5.08 - 7.31)                       |
| Delaware             | 5.97              | (4.97 - 7.14)                       | 1.59                | (1.06 - 2.37)                         | 9.72                | (7.76 - 12.11)                        | 5.88              | (4.76 - 7.24)                       | 6.38              | (5.31 - 7.64)                       |
| District of Columbia | 8.19              | (6.94 - 9.64)                       | 1.74                | (1.11 - 2.73)                         | 13.64               | (11.06 - 16.70)                       | 7.56              | (6.20 - 9.20)                       | 8.55              | (7.25 - 10.07)                      |
| Florida              | 5.03              | (4.43 - 5.70)                       | 1.99                | (1.52 - 2.61)                         | 9.76                | (8.46 - 11.24)                        | 4.68              | (4.01 - 5.45)                       | 5.29              | (4.65 - 6.01)                       |
| Georgia              | 4.10              | (3.43 - 4.88)                       | 1.31                | (0.86 - 1.97)                         | 7.57                | (6.17 - 9.25)                         | 3.88              | (3.12 - 4.80)                       | 4.41              | (3.70 - 5.25)                       |
| Hawaii               | 4.96              | (4.10 - 5.99)                       | 1.99                | (1.28 - 3.08)                         | 11.42               | (9.17 - 14.12)                        | 4.38              | (3.46 - 5.54)                       | 5.23              | (4.32 - 6.33)                       |
| Idaho                | 5.41              | (4.50 - 6.48)                       | 2.03                | (1.35 - 3.03)                         | 9.32                | (7.43 - 11.63)                        | 5.23              | (4.21 - 6.48)                       | 5.81              | (4.83 - 6.98)                       |
| Illinois             | 5.93              | (5.22 - 6.74)                       | 2.26                | (1.67 - 3.06)                         | 11.41               | (9.80 - 13.23)                        | 5.49              | (4.68 - 6.43)                       | 6.31              | (5.55 - 7.18)                       |
| Indiana              | 4.94              | (4.12 - 5.92)                       | 1.56                | (1.02 - 2.38)                         | 9.84                | (7.89 - 12.22)                        | 4.52              | (3.62 - 5.62)                       | 5.31              | (4.42 - 6.36)                       |
| Iowa                 | 6.89              | (5.82 - 8.13)                       | 2.06                | (1.40 - 3.03)                         | 13.33               | (11.06 - 15.97)                       | 6.32              | (5.11 - 7.79)                       | 7.38              | (6.23 - 8.73)                       |
| Kansas               | 5.38              | (4.49 - 6.42)                       | 2.29                | (1.55 - 3.37)                         | 11.34               | (9.22 - 13.88)                        | 4.71              | (3.75 - 5.92)                       | 5.72              | (4.77 - 6.84)                       |
| Kentucky             | 4.72              | (3.89 - 5.72)                       | 1.64                | (1.06 - 2.51)                         | 8.67                | (6.93 - 10.80)                        | 4.44              | (3.53 - 5.58)                       | 5.03              | (4.14 - 6.10)                       |
| Louisiana            | 5.55              | (4.64 - 6.63)                       | 2.05                | (1.37 - 3.05)                         | 9.13                | (7.28 - 11.38)                        | 5.39              | (4.35 - 6.67)                       | 5.92              | (4.94 - 7.08)                       |
| Maine                | 5.41              | (4.49 - 6.50)                       | 2.13                | (1.46 - 3.11)                         | 9.80                | (7.89 - 12.13)                        | 5.14              | (4.12 - 6.38)                       | 5.69              | (4.71 - 6.85)                       |
| Maryland             | 5.28              | (4.41 - 6.31)                       | 1.38                | (0.89 - 2.14)                         | 10.64               | (8.56 - 13.16)                        | 4.90              | (3.95 - 6.07)                       | 5.67              | (4.73 - 6.78)                       |
| Massachusetts        | 6.70              | (5.63 - 7.96)                       | 2.01                | (1.34 - 2.99)                         | 13.13               | (10.75 - 15.94)                       | 6.09              | (4.92 - 7.52)                       | 7.12              | (5.98 - 8.47)                       |
| Michigan             | 5.15              | (4.51 - 5.87)                       | 1.71                | (1.26 - 2.30)                         | 8.87                | (7.54 - 10.40)                        | 4.93              | (4.18 - 5.79)                       | 5.49              | (4.80 - 6.27)                       |
| Minnesota            | 4.96              | (4.11 - 5.97)                       | 1.64                | (1.07 - 2.50)                         | 10.55               | (8.53 - 12.98)                        | 4.47              | (3.55 - 5.62)                       | 5.30              | (4.40 - 6.39)                       |
| Mississippi          | 4.06              | (3.34 - 4.93)                       | 1.27                | (0.82 - 1.98)                         | 7.35                | (5.71 - 9.41)                         | 3.85              | (3.05 - 4.84)                       | 4.36              | (3.58 - 5.31)                       |
| Missouri             | 4.93              | (4.10 - 5.91)                       | 1.82                | (1.21 - 2.72)                         | 8.83                | (7.02 - 11.04)                        | 4.66              | (3.75 - 5.78)                       | 5.24              | (4.36 - 6.29)                       |
| Montana              | 7.08              | (6.01 - 8.34)                       | 3.27                | (2.14 - 4.95)                         | 13.06               | (10.68 - 15.87)                       | 6.54              | (5.35 - 7.98)                       | 7.44              | (6.30 - 8.76)                       |

See notes at end of table.

(continued)

**Table 25 Needing But Not Receiving Treatment at a Specialty Facility for Alcohol Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 5.66              | (4.76 - 6.72)                       | 2.03                | (1.36 - 3.03)                         | 12.01               | (9.80 - 14.64)                        | 5.00              | (4.02 - 6.19)                       | 6.06              | (5.09 - 7.20)                       |
| Nevada         | 5.20              | (4.33 - 6.23)                       | 2.28                | (1.53 - 3.38)                         | 10.98               | (8.81 - 13.59)                        | 4.69              | (3.75 - 5.85)                       | 5.49              | (4.57 - 6.59)                       |
| New Hampshire  | 5.95              | (4.96 - 7.12)                       | 1.84                | (1.23 - 2.74)                         | 11.83               | (9.59 - 14.51)                        | 5.46              | (4.38 - 6.80)                       | 6.32              | (5.26 - 7.57)                       |
| New Jersey     | 4.61              | (3.88 - 5.48)                       | 1.54                | (1.01 - 2.32)                         | 11.08               | (9.06 - 13.49)                        | 4.00              | (3.21 - 4.98)                       | 4.92              | (4.13 - 5.85)                       |
| New Mexico     | 5.57              | (4.66 - 6.64)                       | 2.07                | (1.37 - 3.10)                         | 10.64               | (8.49 - 13.26)                        | 5.16              | (4.15 - 6.41)                       | 5.94              | (4.96 - 7.09)                       |
| New York       | 5.43              | (4.82 - 6.11)                       | 1.71                | (1.27 - 2.29)                         | 9.36                | (8.08 - 10.83)                        | 5.19              | (4.49 - 5.99)                       | 5.77              | (5.12 - 6.50)                       |
| North Carolina | 4.10              | (3.45 - 4.86)                       | 1.34                | (0.88 - 2.03)                         | 7.20                | (5.79 - 8.93)                         | 3.93              | (3.21 - 4.82)                       | 4.38              | (3.68 - 5.20)                       |
| North Dakota   | 6.69              | (5.70 - 7.85)                       | 1.91                | (1.32 - 2.74)                         | 12.20               | (10.03 - 14.77)                       | 6.09              | (4.98 - 7.43)                       | 7.14              | (6.07 - 8.37)                       |
| Ohio           | 5.21              | (4.60 - 5.90)                       | 1.64                | (1.19 - 2.26)                         | 10.15               | (8.77 - 11.72)                        | 4.85              | (4.15 - 5.66)                       | 5.58              | (4.91 - 6.32)                       |
| Oklahoma       | 5.28              | (4.41 - 6.31)                       | 1.88                | (1.27 - 2.78)                         | 9.39                | (7.56 - 11.60)                        | 5.01              | (4.03 - 6.22)                       | 5.66              | (4.72 - 6.77)                       |
| Oregon         | 7.13              | (6.06 - 8.39)                       | 2.67                | (1.81 - 3.92)                         | 11.71               | (9.53 - 14.31)                        | 6.92              | (5.70 - 8.37)                       | 7.54              | (6.39 - 8.87)                       |
| Pennsylvania   | 4.90              | (4.26 - 5.63)                       | 1.41                | (0.98 - 2.01)                         | 10.19               | (8.70 - 11.90)                        | 4.46              | (3.74 - 5.30)                       | 5.22              | (4.54 - 6.00)                       |
| Rhode Island   | 6.49              | (5.46 - 7.70)                       | 2.10                | (1.43 - 3.09)                         | 12.05               | (9.77 - 14.78)                        | 5.95              | (4.82 - 7.33)                       | 6.88              | (5.78 - 8.17)                       |
| South Carolina | 4.98              | (4.16 - 5.95)                       | 1.56                | (1.03 - 2.37)                         | 10.45               | (8.57 - 12.70)                        | 4.52              | (3.61 - 5.64)                       | 5.32              | (4.44 - 6.36)                       |
| South Dakota   | 7.16              | (6.05 - 8.45)                       | 2.93                | (1.98 - 4.33)                         | 12.51               | (10.27 - 15.16)                       | 6.77              | (5.50 - 8.32)                       | 7.60              | (6.42 - 8.99)                       |
| Tennessee      | 4.58              | (3.78 - 5.54)                       | 1.75                | (1.18 - 2.60)                         | 9.39                | (7.48 - 11.72)                        | 4.14              | (3.29 - 5.19)                       | 4.86              | (4.00 - 5.89)                       |
| Texas          | 4.46              | (3.96 - 5.03)                       | 1.57                | (1.14 - 2.14)                         | 9.05                | (7.80 - 10.47)                        | 4.05              | (3.48 - 4.72)                       | 4.81              | (4.26 - 5.43)                       |
| Utah           | 4.66              | (3.87 - 5.59)                       | 1.60                | (1.03 - 2.48)                         | 8.93                | (7.04 - 11.26)                        | 4.23              | (3.38 - 5.29)                       | 5.09              | (4.23 - 6.11)                       |
| Vermont        | 6.65              | (5.62 - 7.85)                       | 2.32                | (1.57 - 3.41)                         | 14.44               | (11.74 - 17.64)                       | 5.72              | (4.61 - 7.09)                       | 7.01              | (5.92 - 8.30)                       |
| Virginia       | 5.45              | (4.68 - 6.35)                       | 1.81                | (1.26 - 2.60)                         | 10.88               | (9.13 - 12.92)                        | 5.00              | (4.14 - 6.04)                       | 5.81              | (4.98 - 6.77)                       |
| Washington     | 5.97              | (4.99 - 7.13)                       | 2.00                | (1.35 - 2.96)                         | 10.31               | (8.30 - 12.73)                        | 5.74              | (4.64 - 7.09)                       | 6.35              | (5.31 - 7.58)                       |
| West Virginia  | 4.26              | (3.52 - 5.15)                       | 1.74                | (1.14 - 2.65)                         | 8.89                | (7.09 - 11.08)                        | 3.84              | (3.05 - 4.83)                       | 4.48              | (3.70 - 5.43)                       |
| Wisconsin      | 6.56              | (5.54 - 7.76)                       | 2.05                | (1.39 - 3.00)                         | 13.36               | (10.99 - 16.14)                       | 5.97              | (4.83 - 7.37)                       | 7.01              | (5.91 - 8.30)                       |
| Wyoming        | 6.36              | (5.35 - 7.54)                       | 2.35                | (1.60 - 3.43)                         | 11.20               | (9.14 - 13.67)                        | 6.06              | (4.92 - 7.45)                       | 6.77              | (5.69 - 8.04)                       |

NOTE: Respondents were classified as needing alcohol treatment if they met the criteria for an alcohol use disorder as defined in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV) or received treatment for alcohol use at a specialty facility (i.e., drug and alcohol rehabilitation facility [inpatient or outpatient], hospital [inpatient only], or mental health center). Needing But Not Receiving Alcohol Treatment refers to respondents who are classified as needing alcohol treatment, but who did not receive alcohol treatment at a specialty facility.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.



**Table 26** *Needing But Not Receiving Treatment at a Specialty Facility for Substance Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs*

| State                | 12+<br>(Estimate) | 12+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 6.82              | (6.62 - 7.01)                       | 3.89                | (3.64 - 4.15)                         | 14.07               | (13.57 - 14.58)                       | 5.98              | (5.75 - 6.21)                       | 7.11              | (6.90 - 7.33)                       |
| Northeast            | 6.94              | (6.54 - 7.36)                       | 3.65                | (3.26 - 4.08)                         | 15.07               | (14.11 - 16.08)                       | 6.00              | (5.54 - 6.50)                       | 7.25              | (6.82 - 7.69)                       |
| Midwest              | 6.99              | (6.65 - 7.34)                       | 3.83                | (3.48 - 4.21)                         | 14.46               | (13.66 - 15.30)                       | 6.13              | (5.73 - 6.55)                       | 7.31              | (6.95 - 7.69)                       |
| South                | 6.28              | (6.00 - 6.58)                       | 3.60                | (3.27 - 3.96)                         | 13.22               | (12.54 - 13.94)                       | 5.49              | (5.15 - 5.85)                       | 6.56              | (6.25 - 6.88)                       |
| West                 | 7.42              | (7.01 - 7.84)                       | 4.57                | (4.09 - 5.09)                         | 14.29               | (13.30 - 15.34)                       | 6.62              | (6.14 - 7.13)                       | 7.71              | (7.27 - 8.17)                       |
| Alabama              | 6.09              | (5.15 - 7.20)                       | 3.42                | (2.59 - 4.50)                         | 12.18               | (9.93 - 14.86)                        | 5.42              | (4.38 - 6.69)                       | 6.36              | (5.35 - 7.56)                       |
| Alaska               | 8.46              | (7.26 - 9.84)                       | 5.33                | (4.11 - 6.89)                         | 14.18               | (11.64 - 17.17)                       | 7.91              | (6.52 - 9.55)                       | 8.81              | (7.51 - 10.31)                      |
| Arizona              | 7.12              | (6.01 - 8.40)                       | 4.34                | (3.33 - 5.63)                         | 15.46               | (12.69 - 18.70)                       | 6.07              | (4.89 - 7.50)                       | 7.41              | (6.23 - 8.80)                       |
| Arkansas             | 6.55              | (5.52 - 7.76)                       | 3.80                | (2.91 - 4.94)                         | 13.36               | (11.00 - 16.14)                       | 5.77              | (4.64 - 7.16)                       | 6.85              | (5.74 - 8.15)                       |
| California           | 7.14              | (6.55 - 7.78)                       | 4.47                | (3.79 - 5.27)                         | 13.28               | (11.84 - 14.87)                       | 6.42              | (5.72 - 7.19)                       | 7.41              | (6.77 - 8.11)                       |
| Colorado             | 8.57              | (7.37 - 9.94)                       | 4.89                | (3.75 - 6.35)                         | 18.86               | (15.69 - 22.49)                       | 7.32              | (6.04 - 8.86)                       | 8.94              | (7.65 - 10.42)                      |
| Connecticut          | 7.51              | (6.40 - 8.80)                       | 4.54                | (3.49 - 5.89)                         | 16.35               | (13.61 - 19.52)                       | 6.42              | (5.21 - 7.87)                       | 7.80              | (6.61 - 9.20)                       |
| Delaware             | 7.70              | (6.52 - 9.07)                       | 4.00                | (3.03 - 5.26)                         | 14.61               | (12.03 - 17.64)                       | 7.07              | (5.76 - 8.65)                       | 8.05              | (6.79 - 9.52)                       |
| District of Columbia | 10.37             | (8.92 - 12.03)                      | 4.98                | (3.78 - 6.52)                         | 17.95               | (14.92 - 21.45)                       | 9.26              | (7.65 - 11.15)                      | 10.67             | (9.15 - 12.41)                      |
| Florida              | 6.65              | (5.98 - 7.39)                       | 4.42                | (3.70 - 5.26)                         | 13.94               | (12.37 - 15.66)                       | 5.87              | (5.11 - 6.74)                       | 6.84              | (6.12 - 7.64)                       |
| Georgia              | 5.72              | (4.91 - 6.66)                       | 2.90                | (2.20 - 3.81)                         | 11.04               | (9.19 - 13.22)                        | 5.20              | (4.29 - 6.27)                       | 6.04              | (5.16 - 7.06)                       |
| Hawaii               | 6.30              | (5.27 - 7.51)                       | 4.08                | (3.08 - 5.37)                         | 14.41               | (11.71 - 17.62)                       | 5.41              | (4.31 - 6.76)                       | 6.50              | (5.40 - 7.79)                       |
| Idaho                | 6.98              | (5.85 - 8.30)                       | 4.04                | (3.07 - 5.31)                         | 12.39               | (10.04 - 15.21)                       | 6.49              | (5.21 - 8.06)                       | 7.33              | (6.11 - 8.77)                       |
| Illinois             | 7.45              | (6.64 - 8.36)                       | 4.35                | (3.54 - 5.35)                         | 14.96               | (13.01 - 17.14)                       | 6.61              | (5.69 - 7.67)                       | 7.78              | (6.90 - 8.76)                       |
| Indiana              | 6.54              | (5.51 - 7.74)                       | 3.16                | (2.38 - 4.18)                         | 13.68               | (11.15 - 16.69)                       | 5.72              | (4.61 - 7.06)                       | 6.90              | (5.79 - 8.20)                       |
| Iowa                 | 8.15              | (6.96 - 9.51)                       | 3.92                | (2.99 - 5.14)                         | 16.82               | (14.09 - 19.96)                       | 7.11              | (5.80 - 8.70)                       | 8.58              | (7.30 - 10.06)                      |
| Kansas               | 6.32              | (5.33 - 7.47)                       | 3.89                | (2.99 - 5.05)                         | 13.62               | (11.14 - 16.55)                       | 5.33              | (4.26 - 6.64)                       | 6.59              | (5.53 - 7.83)                       |
| Kentucky             | 6.34              | (5.38 - 7.46)                       | 3.53                | (2.70 - 4.61)                         | 13.20               | (10.89 - 15.90)                       | 5.56              | (4.52 - 6.82)                       | 6.63              | (5.60 - 7.83)                       |
| Louisiana            | 7.22              | (6.17 - 8.43)                       | 3.49                | (2.64 - 4.58)                         | 13.59               | (11.08 - 16.56)                       | 6.62              | (5.46 - 8.01)                       | 7.61              | (6.48 - 8.92)                       |
| Maine                | 7.69              | (6.52 - 9.04)                       | 4.64                | (3.61 - 5.95)                         | 15.55               | (12.91 - 18.62)                       | 6.93              | (5.64 - 8.48)                       | 7.94              | (6.70 - 9.39)                       |
| Maryland             | 6.81              | (5.79 - 8.00)                       | 3.33                | (2.52 - 4.39)                         | 15.07               | (12.61 - 17.91)                       | 5.94              | (4.83 - 7.29)                       | 7.15              | (6.06 - 8.43)                       |
| Massachusetts        | 8.75              | (7.47 - 10.22)                      | 4.26                | (3.21 - 5.63)                         | 19.02               | (16.04 - 22.40)                       | 7.46              | (6.07 - 9.13)                       | 9.15              | (7.79 - 10.73)                      |
| Michigan             | 6.93              | (6.19 - 7.75)                       | 3.63                | (2.94 - 4.47)                         | 13.12               | (11.46 - 14.98)                       | 6.28              | (5.45 - 7.23)                       | 7.26              | (6.47 - 8.14)                       |
| Minnesota            | 5.97              | (5.02 - 7.08)                       | 3.75                | (2.81 - 4.98)                         | 13.67               | (11.22 - 16.55)                       | 5.01              | (3.99 - 6.27)                       | 6.19              | (5.18 - 7.39)                       |
| Mississippi          | 5.73              | (4.81 - 6.81)                       | 3.37                | (2.52 - 4.49)                         | 11.94               | (9.59 - 14.77)                        | 4.96              | (3.97 - 6.18)                       | 5.99              | (5.00 - 7.16)                       |
| Missouri             | 6.54              | (5.55 - 7.69)                       | 3.59                | (2.73 - 4.71)                         | 12.88               | (10.44 - 15.79)                       | 5.86              | (4.79 - 7.15)                       | 6.84              | (5.77 - 8.09)                       |
| Montana              | 8.32              | (7.16 - 9.65)                       | 5.71                | (4.38 - 7.41)                         | 17.19               | (14.47 - 20.29)                       | 7.19              | (5.92 - 8.71)                       | 8.57              | (7.34 - 9.98)                       |

See notes at end of table.

(continued)

**Table 26 Needing But Not Receiving Treatment at a Specialty Facility for Substance Use in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 12+<br>(Estimate) | 12+<br>(95% Confidence Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|----------------|-------------------|----------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| Nebraska       | 6.78              | (5.80 - 7.92)                    | 3.86                | (2.95 - 5.04)                      | 16.20               | (13.53 - 19.28)                    | 5.48              | (4.45 - 6.75)                    | 7.10              | (6.05 - 8.33)                    |
| Nevada         | 7.68              | (6.51 - 9.03)                    | 5.42                | (4.16 - 7.03)                      | 16.50               | (13.55 - 19.95)                    | 6.66              | (5.39 - 8.20)                    | 7.91              | (6.66 - 9.36)                    |
| New Hampshire  | 7.80              | (6.67 - 9.11)                    | 4.17                | (3.19 - 5.42)                      | 18.13               | (15.20 - 21.49)                    | 6.58              | (5.35 - 8.07)                    | 8.13              | (6.92 - 9.53)                    |
| New Jersey     | 5.74              | (4.87 - 6.75)                    | 3.21                | (2.46 - 4.17)                      | 14.07               | (11.78 - 16.72)                    | 4.79              | (3.85 - 5.95)                    | 5.99              | (5.06 - 7.08)                    |
| New Mexico     | 7.44              | (6.32 - 8.74)                    | 5.20                | (4.01 - 6.71)                      | 15.54               | (12.81 - 18.74)                    | 6.38              | (5.16 - 7.88)                    | 7.68              | (6.47 - 9.09)                    |
| New York       | 7.05              | (6.35 - 7.81)                    | 3.73                | (3.09 - 4.51)                      | 14.19               | (12.53 - 16.03)                    | 6.24              | (5.45 - 7.13)                    | 7.35              | (6.61 - 8.17)                    |
| North Carolina | 5.59              | (4.78 - 6.53)                    | 3.34                | (2.57 - 4.33)                      | 11.33               | (9.38 - 13.62)                     | 4.95              | (4.05 - 6.03)                    | 5.82              | (4.95 - 6.83)                    |
| North Dakota   | 7.57              | (6.47 - 8.84)                    | 3.93                | (3.05 - 5.06)                      | 14.59               | (12.14 - 17.45)                    | 6.52              | (5.32 - 7.98)                    | 7.90              | (6.73 - 9.26)                    |
| Ohio           | 7.04              | (6.26 - 7.90)                    | 3.74                | (3.02 - 4.62)                      | 14.76               | (13.01 - 16.71)                    | 6.20              | (5.31 - 7.22)                    | 7.37              | (6.54 - 8.31)                    |
| Oklahoma       | 6.83              | (5.78 - 8.06)                    | 4.25                | (3.26 - 5.52)                      | 13.40               | (10.93 - 16.32)                    | 6.04              | (4.91 - 7.41)                    | 7.12              | (5.99 - 8.44)                    |
| Oregon         | 8.88              | (7.61 - 10.35)                   | 5.24                | (4.12 - 6.66)                      | 16.54               | (13.78 - 19.73)                    | 8.12              | (6.70 - 9.81)                    | 9.22              | (7.85 - 10.79)                   |
| Pennsylvania   | 6.12              | (5.41 - 6.91)                    | 2.97                | (2.36 - 3.73)                      | 13.58               | (11.87 - 15.50)                    | 5.30              | (4.51 - 6.22)                    | 6.41              | (5.66 - 7.26)                    |
| Rhode Island   | 7.96              | (6.80 - 9.29)                    | 4.61                | (3.54 - 5.97)                      | 16.40               | (13.46 - 19.85)                    | 6.79              | (5.54 - 8.30)                    | 8.25              | (7.02 - 9.67)                    |
| South Carolina | 6.90              | (5.86 - 8.10)                    | 3.94                | (3.01 - 5.13)                      | 16.01               | (13.44 - 18.96)                    | 5.81              | (4.70 - 7.17)                    | 7.18              | (6.07 - 8.48)                    |
| South Dakota   | 8.24              | (7.05 - 9.61)                    | 5.35                | (4.18 - 6.83)                      | 17.09               | (14.32 - 20.28)                    | 7.09              | (5.77 - 8.69)                    | 8.54              | (7.26 - 10.02)                   |
| Tennessee      | 6.14              | (5.19 - 7.24)                    | 3.72                | (2.83 - 4.88)                      | 13.60               | (11.15 - 16.49)                    | 5.23              | (4.23 - 6.47)                    | 6.38              | (5.37 - 7.57)                    |
| Texas          | 5.72              | (5.15 - 6.35)                    | 3.35                | (2.73 - 4.10)                      | 12.71               | (11.24 - 14.35)                    | 4.81              | (4.16 - 5.55)                    | 6.01              | (5.39 - 6.69)                    |
| Utah           | 6.11              | (5.17 - 7.20)                    | 3.09                | (2.30 - 4.14)                      | 12.11               | (9.78 - 14.90)                     | 5.29              | (4.28 - 6.53)                    | 6.53              | (5.51 - 7.74)                    |
| Vermont        | 8.75              | (7.48 - 10.20)                   | 4.87                | (3.73 - 6.33)                      | 21.49               | (17.92 - 25.56)                    | 6.91              | (5.60 - 8.50)                    | 9.07              | (7.72 - 10.63)                   |
| Virginia       | 7.06              | (6.14 - 8.10)                    | 3.60                | (2.79 - 4.63)                      | 15.42               | (13.31 - 17.81)                    | 6.12              | (5.09 - 7.33)                    | 7.40              | (6.42 - 8.52)                    |
| Washington     | 7.97              | (6.76 - 9.37)                    | 4.99                | (3.83 - 6.47)                      | 14.09               | (11.52 - 17.13)                    | 7.36              | (6.01 - 8.98)                    | 8.26              | (6.97 - 9.76)                    |
| West Virginia  | 5.98              | (5.00 - 7.12)                    | 4.27                | (3.22 - 5.64)                      | 13.05               | (10.62 - 15.94)                    | 5.12              | (4.08 - 6.40)                    | 6.13              | (5.10 - 7.35)                    |
| Wisconsin      | 7.42              | (6.33 - 8.67)                    | 4.00                | (3.08 - 5.18)                      | 16.52               | (13.87 - 19.57)                    | 6.32              | (5.13 - 7.76)                    | 7.76              | (6.60 - 9.11)                    |
| Wyoming        | 7.12              | (6.03 - 8.38)                    | 4.48                | (3.38 - 5.91)                      | 13.23               | (10.89 - 15.99)                    | 6.46              | (5.27 - 7.90)                    | 7.39              | (6.23 - 8.74)                    |

NOTE: Respondents were classified as needing substance use treatment if they met the criteria for an illicit drug or alcohol use disorder as defined in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV) or received treatment for illicit drug or alcohol use at a specialty facility (i.e., drug and alcohol rehabilitation facility [inpatient or outpatient], hospital [inpatient only], or mental health center). Needing But Not Receiving Substance Use Treatment refers to respondents who are classified as needing illicit drug or alcohol treatment, but who did not receive illicit drug or alcohol treatment at a specialty facility. Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine. Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 27 Serious Mental Illness in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 4.38              | (4.21 - 4.56)                       | 6.68                | (6.32 - 7.06)                         | 4.01              | (3.82 - 4.20)                       |
| Northeast            | 4.16              | (3.85 - 4.50)                       | 6.58                | (5.98 - 7.23)                         | 3.78              | (3.44 - 4.15)                       |
| Midwest              | 4.64              | (4.38 - 4.93)                       | 7.09                | (6.57 - 7.64)                         | 4.24              | (3.95 - 4.55)                       |
| South                | 4.31              | (4.08 - 4.55)                       | 6.25                | (5.82 - 6.72)                         | 4.00              | (3.75 - 4.27)                       |
| West                 | 4.43              | (4.12 - 4.76)                       | 7.05                | (6.40 - 7.77)                         | 3.99              | (3.67 - 4.35)                       |
| Alabama              | 4.80              | (4.01 - 5.74)                       | 5.95                | (4.68 - 7.54)                         | 4.62              | (3.75 - 5.67)                       |
| Alaska               | 5.02              | (4.16 - 6.05)                       | 8.53                | (6.83 - 10.62)                        | 4.43              | (3.54 - 5.54)                       |
| Arizona              | 4.13              | (3.39 - 5.04)                       | 6.37                | (5.00 - 8.08)                         | 3.76              | (2.97 - 4.76)                       |
| Arkansas             | 5.44              | (4.54 - 6.52)                       | 6.65                | (5.23 - 8.43)                         | 5.25              | (4.26 - 6.45)                       |
| California           | 3.94              | (3.51 - 4.42)                       | 6.61                | (5.67 - 7.69)                         | 3.48              | (3.03 - 4.01)                       |
| Colorado             | 5.08              | (4.20 - 6.12)                       | 8.67                | (6.88 - 10.87)                        | 4.49              | (3.60 - 5.59)                       |
| Connecticut          | 4.16              | (3.40 - 5.08)                       | 7.43                | (5.86 - 9.38)                         | 3.63              | (2.84 - 4.63)                       |
| Delaware             | 4.90              | (4.03 - 5.94)                       | 7.70                | (6.11 - 9.67)                         | 4.48              | (3.57 - 5.60)                       |
| District of Columbia | 4.43              | (3.68 - 5.33)                       | 6.25                | (4.87 - 7.99)                         | 4.08              | (3.27 - 5.07)                       |
| Florida              | 3.83              | (3.32 - 4.41)                       | 6.41                | (5.46 - 7.52)                         | 3.48              | (2.95 - 4.10)                       |
| Georgia              | 4.35              | (3.65 - 5.17)                       | 5.83                | (4.70 - 7.21)                         | 4.09              | (3.34 - 5.01)                       |
| Hawaii               | 3.49              | (2.84 - 4.28)                       | 6.76                | (5.31 - 8.58)                         | 3.04              | (2.37 - 3.90)                       |
| Idaho                | 5.81              | (4.85 - 6.95)                       | 7.90                | (6.30 - 9.88)                         | 5.47              | (4.43 - 6.73)                       |
| Illinois             | 4.14              | (3.56 - 4.81)                       | 6.41                | (5.33 - 7.69)                         | 3.77              | (3.15 - 4.51)                       |
| Indiana              | 5.19              | (4.35 - 6.18)                       | 7.85                | (6.30 - 9.76)                         | 4.72              | (3.83 - 5.82)                       |
| Iowa                 | 4.59              | (3.83 - 5.48)                       | 6.99                | (5.56 - 8.77)                         | 4.16              | (3.36 - 5.13)                       |
| Kansas               | 4.79              | (3.99 - 5.75)                       | 7.17                | (5.68 - 9.00)                         | 4.37              | (3.52 - 5.41)                       |
| Kentucky             | 5.58              | (4.64 - 6.70)                       | 7.53                | (6.01 - 9.39)                         | 5.26              | (4.24 - 6.51)                       |
| Louisiana            | 4.72              | (3.88 - 5.74)                       | 5.47                | (4.24 - 7.03)                         | 4.60              | (3.69 - 5.73)                       |
| Maine                | 4.60              | (3.80 - 5.57)                       | 7.71                | (6.10 - 9.71)                         | 4.19              | (3.35 - 5.22)                       |
| Maryland             | 3.90              | (3.22 - 4.73)                       | 6.48                | (5.13 - 8.15)                         | 3.51              | (2.79 - 4.40)                       |
| Massachusetts        | 4.76              | (3.94 - 5.72)                       | 7.46                | (5.91 - 9.36)                         | 4.29              | (3.44 - 5.34)                       |
| Michigan             | 4.56              | (3.96 - 5.23)                       | 6.64                | (5.62 - 7.83)                         | 4.21              | (3.56 - 4.96)                       |
| Minnesota            | 4.24              | (3.54 - 5.08)                       | 7.33                | (5.82 - 9.21)                         | 3.75              | (3.02 - 4.65)                       |
| Mississippi          | 4.64              | (3.84 - 5.60)                       | 5.94                | (4.65 - 7.57)                         | 4.41              | (3.55 - 5.48)                       |
| Missouri             | 4.91              | (4.09 - 5.88)                       | 6.85                | (5.40 - 8.65)                         | 4.59              | (3.72 - 5.65)                       |
| Montana              | 5.18              | (4.35 - 6.16)                       | 7.75                | (6.16 - 9.70)                         | 4.77              | (3.90 - 5.84)                       |

See notes at end of table.

(continued)

**Table 27 Serious Mental Illness in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 4.30              | (3.58 - 5.15)                       | 6.58                | (5.21 - 8.27)                         | 3.89              | (3.13 - 4.83)                       |
| Nevada         | 4.28              | (3.46 - 5.28)                       | 6.49                | (5.05 - 8.30)                         | 3.96              | (3.10 - 5.04)                       |
| New Hampshire  | 5.28              | (4.36 - 6.38)                       | 8.90                | (7.12 - 11.08)                        | 4.72              | (3.76 - 5.92)                       |
| New Jersey     | 3.67              | (3.04 - 4.44)                       | 6.31                | (5.03 - 7.89)                         | 3.28              | (2.62 - 4.11)                       |
| New Mexico     | 4.39              | (3.57 - 5.39)                       | 6.29                | (4.91 - 8.02)                         | 4.08              | (3.20 - 5.18)                       |
| New York       | 3.83              | (3.30 - 4.45)                       | 5.87                | (4.89 - 7.04)                         | 3.50              | (2.93 - 4.17)                       |
| North Carolina | 4.66              | (3.96 - 5.49)                       | 6.27                | (5.09 - 7.70)                         | 4.41              | (3.64 - 5.33)                       |
| North Dakota   | 4.61              | (3.85 - 5.51)                       | 7.39                | (5.88 - 9.25)                         | 4.03              | (3.23 - 5.02)                       |
| Ohio           | 4.95              | (4.33 - 5.66)                       | 7.60                | (6.44 - 8.95)                         | 4.53              | (3.86 - 5.31)                       |
| Oklahoma       | 4.99              | (4.13 - 6.02)                       | 7.04                | (5.54 - 8.92)                         | 4.64              | (3.71 - 5.78)                       |
| Oregon         | 5.37              | (4.51 - 6.39)                       | 8.32                | (6.71 - 10.28)                        | 4.93              | (4.02 - 6.04)                       |
| Pennsylvania   | 4.44              | (3.85 - 5.12)                       | 6.66                | (5.57 - 7.94)                         | 4.10              | (3.47 - 4.84)                       |
| Rhode Island   | 4.52              | (3.75 - 5.44)                       | 7.07                | (5.61 - 8.87)                         | 4.06              | (3.25 - 5.08)                       |
| South Carolina | 4.36              | (3.59 - 5.29)                       | 6.12                | (4.84 - 7.71)                         | 4.09              | (3.26 - 5.11)                       |
| South Dakota   | 4.44              | (3.72 - 5.31)                       | 7.48                | (6.03 - 9.26)                         | 3.93              | (3.15 - 4.89)                       |
| Tennessee      | 5.19              | (4.36 - 6.18)                       | 7.12                | (5.66 - 8.93)                         | 4.89              | (3.99 - 5.97)                       |
| Texas          | 3.76              | (3.28 - 4.31)                       | 5.90                | (4.95 - 7.01)                         | 3.38              | (2.87 - 3.98)                       |
| Utah           | 6.18              | (5.21 - 7.31)                       | 9.51                | (7.52 - 11.96)                        | 5.43              | (4.42 - 6.65)                       |
| Vermont        | 5.41              | (4.48 - 6.52)                       | 7.78                | (6.14 - 9.83)                         | 5.00              | (4.00 - 6.23)                       |
| Virginia       | 4.01              | (3.38 - 4.76)                       | 5.99                | (4.84 - 7.39)                         | 3.70              | (3.02 - 4.52)                       |
| Washington     | 5.37              | (4.43 - 6.50)                       | 7.01                | (5.52 - 8.87)                         | 5.12              | (4.11 - 6.37)                       |
| West Virginia  | 5.69              | (4.72 - 6.83)                       | 7.55                | (6.06 - 9.37)                         | 5.41              | (4.38 - 6.68)                       |
| Wisconsin      | 4.88              | (4.11 - 5.80)                       | 7.53                | (6.02 - 9.38)                         | 4.45              | (3.63 - 5.44)                       |
| Wyoming        | 4.84              | (4.05 - 5.78)                       | 7.66                | (6.14 - 9.52)                         | 4.39              | (3.55 - 5.42)                       |

NOTE: Serious mental illness (SMI) is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, assessed by the Mental Health Surveillance Study (MHSS) *Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders—Fourth Edition—Research Version—Axis I Disorders* (MHSS-SCID), which is based on the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV). SMI includes individuals with diagnoses resulting in serious functional impairment. For details, see Section B of the "2016-2017 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 28 Any Mental Illness in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 18.57             | (18.20 - 18.93)                     | 23.93               | (23.28 - 24.60)                       | 17.69             | (17.29 - 18.10)                     |
| Northeast            | 18.01             | (17.30 - 18.73)                     | 24.10               | (22.98 - 25.27)                       | 17.03             | (16.24 - 17.86)                     |
| Midwest              | 18.78             | (18.16 - 19.41)                     | 24.92               | (23.98 - 25.89)                       | 17.76             | (17.06 - 18.48)                     |
| South                | 18.18             | (17.67 - 18.70)                     | 22.47               | (21.65 - 23.31)                       | 17.49             | (16.91 - 18.09)                     |
| West                 | 19.41             | (18.70 - 20.14)                     | 25.19               | (24.04 - 26.37)                       | 18.45             | (17.65 - 19.28)                     |
| Alabama              | 19.95             | (17.96 - 22.10)                     | 21.52               | (18.77 - 24.56)                       | 19.69             | (17.44 - 22.16)                     |
| Alaska               | 20.32             | (18.30 - 22.50)                     | 27.34               | (24.11 - 30.83)                       | 19.14             | (16.90 - 21.59)                     |
| Arizona              | 18.02             | (15.98 - 20.27)                     | 22.39               | (19.29 - 25.83)                       | 17.30             | (15.01 - 19.86)                     |
| Arkansas             | 20.73             | (18.70 - 22.91)                     | 24.46               | (21.41 - 27.79)                       | 20.11             | (17.83 - 22.61)                     |
| California           | 18.18             | (17.14 - 19.26)                     | 24.75               | (22.97 - 26.62)                       | 17.06             | (15.89 - 18.30)                     |
| Colorado             | 19.86             | (17.94 - 21.93)                     | 27.72               | (24.33 - 31.39)                       | 18.58             | (16.44 - 20.93)                     |
| Connecticut          | 18.18             | (16.21 - 20.34)                     | 25.56               | (22.35 - 29.06)                       | 16.98             | (14.81 - 19.41)                     |
| Delaware             | 18.65             | (16.69 - 20.79)                     | 23.52               | (20.49 - 26.85)                       | 17.93             | (15.74 - 20.34)                     |
| District of Columbia | 21.17             | (18.99 - 23.54)                     | 23.89               | (20.77 - 27.32)                       | 20.65             | (18.17 - 23.37)                     |
| Florida              | 17.54             | (16.36 - 18.79)                     | 22.74               | (20.81 - 24.79)                       | 16.83             | (15.50 - 18.24)                     |
| Georgia              | 18.07             | (16.46 - 19.80)                     | 21.26               | (18.85 - 23.89)                       | 17.53             | (15.72 - 19.51)                     |
| Hawaii               | 16.27             | (14.41 - 18.33)                     | 22.94               | (19.92 - 26.27)                       | 15.36             | (13.30 - 17.67)                     |
| Idaho                | 25.03             | (22.64 - 27.59)                     | 27.79               | (24.36 - 31.51)                       | 24.57             | (21.86 - 27.51)                     |
| Illinois             | 16.76             | (15.44 - 18.17)                     | 22.82               | (20.56 - 25.24)                       | 15.78             | (14.30 - 17.38)                     |
| Indiana              | 20.90             | (18.89 - 23.06)                     | 27.45               | (24.23 - 30.92)                       | 19.75             | (17.52 - 22.19)                     |
| Iowa                 | 19.02             | (17.15 - 21.03)                     | 25.26               | (22.23 - 28.55)                       | 17.90             | (15.80 - 20.22)                     |
| Kansas               | 19.71             | (17.80 - 21.77)                     | 24.72               | (21.66 - 28.05)                       | 18.81             | (16.65 - 21.19)                     |
| Kentucky             | 22.29             | (20.15 - 24.59)                     | 22.83               | (19.87 - 26.10)                       | 22.21             | (19.81 - 24.80)                     |
| Louisiana            | 19.11             | (17.17 - 21.22)                     | 19.67               | (16.86 - 22.81)                       | 19.02             | (16.83 - 21.42)                     |
| Maine                | 19.01             | (17.08 - 21.09)                     | 26.59               | (23.40 - 30.04)                       | 17.99             | (15.88 - 20.32)                     |
| Maryland             | 16.94             | (15.17 - 18.88)                     | 23.18               | (20.20 - 26.46)                       | 15.99             | (14.05 - 18.14)                     |
| Massachusetts        | 20.57             | (18.52 - 22.78)                     | 26.23               | (22.87 - 29.90)                       | 19.59             | (17.31 - 22.10)                     |
| Michigan             | 18.34             | (17.01 - 19.76)                     | 24.05               | (21.92 - 26.32)                       | 17.39             | (15.87 - 19.02)                     |
| Minnesota            | 18.21             | (16.40 - 20.18)                     | 28.73               | (25.46 - 32.24)                       | 16.55             | (14.52 - 18.79)                     |
| Mississippi          | 19.04             | (16.99 - 21.27)                     | 19.70               | (16.84 - 22.91)                       | 18.92             | (16.60 - 21.49)                     |
| Missouri             | 20.05             | (18.06 - 22.19)                     | 23.27               | (20.18 - 26.68)                       | 19.52             | (17.31 - 21.95)                     |
| Montana              | 19.78             | (17.88 - 21.84)                     | 26.11               | (23.10 - 29.35)                       | 18.77             | (16.64 - 21.10)                     |

See notes at end of table.

(continued)

**Table 28 Any Mental Illness in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 17.88             | (16.03 - 19.88)                     | 24.79               | (21.73 - 28.12)                       | 16.64             | (14.57 - 18.95)                     |
| Nevada         | 18.87             | (16.88 - 21.04)                     | 24.82               | (21.69 - 28.24)                       | 18.01             | (15.80 - 20.44)                     |
| New Hampshire  | 19.15             | (17.30 - 21.14)                     | 26.70               | (23.59 - 30.06)                       | 17.98             | (15.92 - 20.24)                     |
| New Jersey     | 16.19             | (14.56 - 17.95)                     | 20.96               | (18.41 - 23.76)                       | 15.48             | (13.68 - 17.47)                     |
| New Mexico     | 17.73             | (15.88 - 19.74)                     | 24.08               | (21.03 - 27.41)                       | 16.68             | (14.63 - 18.96)                     |
| New York       | 17.61             | (16.39 - 18.91)                     | 23.63               | (21.68 - 25.70)                       | 16.63             | (15.25 - 18.11)                     |
| North Carolina | 18.02             | (16.41 - 19.75)                     | 22.32               | (19.66 - 25.23)                       | 17.34             | (15.56 - 19.28)                     |
| North Dakota   | 18.30             | (16.46 - 20.31)                     | 23.90               | (20.84 - 27.25)                       | 17.15             | (15.04 - 19.49)                     |
| Ohio           | 19.85             | (18.49 - 21.29)                     | 25.42               | (23.31 - 27.65)                       | 18.97             | (17.44 - 20.60)                     |
| Oklahoma       | 20.02             | (17.98 - 22.22)                     | 23.59               | (20.54 - 26.94)                       | 19.40             | (17.10 - 21.93)                     |
| Oregon         | 23.59             | (21.31 - 26.03)                     | 27.85               | (24.36 - 31.63)                       | 22.95             | (20.44 - 25.66)                     |
| Pennsylvania   | 17.98             | (16.64 - 19.40)                     | 24.38               | (22.17 - 26.72)                       | 16.99             | (15.51 - 18.59)                     |
| Rhode Island   | 19.59             | (17.60 - 21.76)                     | 24.76               | (21.61 - 28.20)                       | 18.67             | (16.42 - 21.14)                     |
| South Carolina | 18.56             | (16.63 - 20.66)                     | 23.73               | (20.79 - 26.95)                       | 17.76             | (15.61 - 20.12)                     |
| South Dakota   | 17.70             | (15.82 - 19.76)                     | 23.75               | (20.76 - 27.03)                       | 16.68             | (14.58 - 19.01)                     |
| Tennessee      | 19.24             | (17.37 - 21.26)                     | 23.90               | (20.84 - 27.24)                       | 18.50             | (16.42 - 20.79)                     |
| Texas          | 16.32             | (15.22 - 17.49)                     | 21.62               | (19.79 - 23.57)                       | 15.37             | (14.14 - 16.69)                     |
| Utah           | 23.47             | (21.50 - 25.57)                     | 28.99               | (25.46 - 32.79)                       | 22.24             | (19.98 - 24.69)                     |
| Vermont        | 19.84             | (17.87 - 21.96)                     | 30.05               | (26.33 - 34.05)                       | 18.06             | (15.88 - 20.47)                     |
| Virginia       | 18.78             | (17.18 - 20.50)                     | 25.39               | (22.75 - 28.23)                       | 17.72             | (15.92 - 19.68)                     |
| Washington     | 22.81             | (20.50 - 25.31)                     | 24.81               | (21.49 - 28.46)                       | 22.51             | (19.91 - 25.33)                     |
| West Virginia  | 22.89             | (20.69 - 25.25)                     | 23.96               | (20.82 - 27.41)                       | 22.73             | (20.27 - 25.39)                     |
| Wisconsin      | 18.54             | (16.67 - 20.58)                     | 25.53               | (22.38 - 28.95)                       | 17.40             | (15.34 - 19.66)                     |
| Wyoming        | 20.25             | (18.22 - 22.44)                     | 26.55               | (23.42 - 29.93)                       | 19.25             | (16.97 - 21.76)                     |

NOTE: Any mental illness (AMI) is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, assessed by the Mental Health Surveillance Study (MHSS) *Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders—Fourth Edition—Research Version—Axis I Disorders* (MHSS-SCID), which is based on the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV). For details, see Section B of the "2016-2017 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 29 Received Mental Health Services in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 14.60             | (14.28 - 14.93)                     | 13.90               | (13.40 - 14.41)                       | 14.72             | (14.36 - 15.08)                     |
| Northeast            | 15.66             | (15.01 - 16.34)                     | 15.18               | (14.28 - 16.14)                       | 15.74             | (15.00 - 16.50)                     |
| Midwest              | 16.45             | (15.86 - 17.06)                     | 16.04               | (15.21 - 16.91)                       | 16.52             | (15.85 - 17.21)                     |
| South                | 13.81             | (13.36 - 14.28)                     | 12.72               | (12.04 - 13.43)                       | 13.99             | (13.47 - 14.52)                     |
| West                 | 13.42             | (12.81 - 14.04)                     | 12.88               | (12.03 - 13.77)                       | 13.51             | (12.83 - 14.21)                     |
| Alabama              | 13.97             | (12.27 - 15.85)                     | 11.62               | (9.60 - 13.99)                        | 14.35             | (12.46 - 16.47)                     |
| Alaska               | 13.02             | (11.36 - 14.87)                     | 13.42               | (11.16 - 16.04)                       | 12.95             | (11.14 - 15.01)                     |
| Arizona              | 13.24             | (11.40 - 15.32)                     | 11.31               | (9.21 - 13.82)                        | 13.56             | (11.55 - 15.85)                     |
| Arkansas             | 16.07             | (14.16 - 18.19)                     | 14.44               | (12.14 - 17.09)                       | 16.34             | (14.23 - 18.71)                     |
| California           | 11.72             | (10.85 - 12.64)                     | 11.34               | (10.07 - 12.75)                       | 11.78             | (10.81 - 12.83)                     |
| Colorado             | 15.62             | (13.78 - 17.65)                     | 17.01               | (14.36 - 20.03)                       | 15.39             | (13.41 - 17.60)                     |
| Connecticut          | 16.61             | (14.58 - 18.85)                     | 18.42               | (15.63 - 21.58)                       | 16.31             | (14.10 - 18.80)                     |
| Delaware             | 15.95             | (14.08 - 18.03)                     | 14.60               | (12.16 - 17.43)                       | 16.15             | (14.11 - 18.43)                     |
| District of Columbia | 16.82             | (14.90 - 18.94)                     | 15.34               | (12.78 - 18.31)                       | 17.12             | (14.98 - 19.48)                     |
| Florida              | 13.37             | (12.27 - 14.55)                     | 12.49               | (11.01 - 14.14)                       | 13.48             | (12.27 - 14.80)                     |
| Georgia              | 13.17             | (11.73 - 14.76)                     | 11.26               | (9.49 - 13.31)                        | 13.50             | (11.89 - 15.28)                     |
| Hawaii               | 10.67             | (9.15 - 12.41)                      | 11.77               | (9.71 - 14.19)                        | 10.51             | (8.87 - 12.42)                      |
| Idaho                | 17.28             | (15.40 - 19.33)                     | 17.22               | (14.58 - 20.23)                       | 17.29             | (15.23 - 19.56)                     |
| Illinois             | 14.50             | (13.30 - 15.80)                     | 14.49               | (12.67 - 16.52)                       | 14.51             | (13.18 - 15.94)                     |
| Indiana              | 17.64             | (15.73 - 19.74)                     | 17.82               | (15.17 - 20.81)                       | 17.62             | (15.50 - 19.96)                     |
| Iowa                 | 17.59             | (15.67 - 19.70)                     | 18.49               | (15.81 - 21.49)                       | 17.43             | (15.30 - 19.80)                     |
| Kansas               | 15.39             | (13.59 - 17.39)                     | 15.03               | (12.71 - 17.69)                       | 15.46             | (13.45 - 17.72)                     |
| Kentucky             | 17.61             | (15.74 - 19.65)                     | 16.63               | (14.00 - 19.65)                       | 17.77             | (15.71 - 20.03)                     |
| Louisiana            | 13.49             | (11.78 - 15.40)                     | 11.52               | (9.45 - 13.98)                        | 13.81             | (11.93 - 15.93)                     |
| Maine                | 19.16             | (17.06 - 21.46)                     | 19.18               | (16.37 - 22.34)                       | 19.15             | (16.86 - 21.68)                     |
| Maryland             | 14.19             | (12.46 - 16.11)                     | 15.15               | (12.70 - 17.97)                       | 14.04             | (12.16 - 16.15)                     |
| Massachusetts        | 19.69             | (17.53 - 22.06)                     | 17.31               | (14.51 - 20.52)                       | 20.11             | (17.69 - 22.76)                     |
| Michigan             | 16.42             | (15.11 - 17.83)                     | 15.31               | (13.58 - 17.22)                       | 16.61             | (15.13 - 18.20)                     |
| Minnesota            | 17.99             | (16.05 - 20.10)                     | 18.30               | (15.58 - 21.37)                       | 17.94             | (15.82 - 20.26)                     |
| Mississippi          | 13.28             | (11.55 - 15.22)                     | 10.15               | (8.09 - 12.66)                        | 13.82             | (11.91 - 15.99)                     |
| Missouri             | 16.82             | (14.96 - 18.86)                     | 15.50               | (13.00 - 18.37)                       | 17.03             | (14.98 - 19.30)                     |
| Montana              | 15.23             | (13.50 - 17.13)                     | 16.24               | (13.78 - 19.05)                       | 15.07             | (13.20 - 17.15)                     |

See notes at end of table.

(continued)

**Table 29 Received Mental Health Services in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) |
|----------------|-------------------|----------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|
| Nebraska       | 15.77             | (13.91 - 17.81)                  | 16.63               | (14.07 - 19.55)                    | 15.61             | (13.57 - 17.90)                  |
| Nevada         | 12.40             | (10.68 - 14.34)                  | 10.98               | (8.95 - 13.40)                     | 12.60             | (10.73 - 14.74)                  |
| New Hampshire  | 19.12             | (17.02 - 21.41)                  | 19.88               | (16.94 - 23.19)                    | 19.00             | (16.69 - 21.55)                  |
| New Jersey     | 12.45             | (10.99 - 14.09)                  | 12.09               | (10.13 - 14.35)                    | 12.51             | (10.90 - 14.32)                  |
| New Mexico     | 12.74             | (11.14 - 14.53)                  | 12.32               | (10.23 - 14.78)                    | 12.80             | (11.05 - 14.79)                  |
| New York       | 14.16             | (13.04 - 15.36)                  | 13.83               | (12.29 - 15.53)                    | 14.21             | (12.97 - 15.55)                  |
| North Carolina | 15.12             | (13.63 - 16.75)                  | 13.07               | (11.16 - 15.26)                    | 15.44             | (13.79 - 17.26)                  |
| North Dakota   | 15.51             | (13.67 - 17.55)                  | 15.10               | (12.54 - 18.07)                    | 15.61             | (13.57 - 17.88)                  |
| Ohio           | 17.05             | (15.71 - 18.47)                  | 16.05               | (14.27 - 17.99)                    | 17.20             | (15.71 - 18.81)                  |
| Oklahoma       | 14.52             | (12.82 - 16.41)                  | 13.49               | (11.23 - 16.11)                    | 14.70             | (12.83 - 16.80)                  |
| Oregon         | 16.90             | (15.05 - 18.93)                  | 15.84               | (13.35 - 18.69)                    | 17.06             | (15.04 - 19.28)                  |
| Pennsylvania   | 16.39             | (15.04 - 17.83)                  | 15.59               | (13.79 - 17.58)                    | 16.51             | (15.02 - 18.12)                  |
| Rhode Island   | 19.73             | (17.62 - 22.03)                  | 18.57               | (15.64 - 21.90)                    | 19.94             | (17.60 - 22.51)                  |
| South Carolina | 14.62             | (12.96 - 16.45)                  | 13.91               | (11.72 - 16.42)                    | 14.73             | (12.89 - 16.77)                  |
| South Dakota   | 15.38             | (13.62 - 17.33)                  | 16.86               | (14.23 - 19.86)                    | 15.14             | (13.20 - 17.30)                  |
| Tennessee      | 14.92             | (13.24 - 16.79)                  | 13.53               | (11.23 - 16.22)                    | 15.14             | (13.29 - 17.20)                  |
| Texas          | 11.54             | (10.60 - 12.55)                  | 11.37               | (10.01 - 12.89)                    | 11.57             | (10.51 - 12.71)                  |
| Utah           | 17.53             | (15.71 - 19.51)                  | 18.21               | (15.25 - 21.60)                    | 17.38             | (15.38 - 19.59)                  |
| Vermont        | 21.38             | (19.11 - 23.84)                  | 23.04               | (19.47 - 27.05)                    | 21.09             | (18.65 - 23.76)                  |
| Virginia       | 15.51             | (14.04 - 17.11)                  | 14.27               | (12.31 - 16.48)                    | 15.71             | (14.07 - 17.50)                  |
| Washington     | 17.42             | (15.41 - 19.63)                  | 14.86               | (12.39 - 17.73)                    | 17.81             | (15.60 - 20.26)                  |
| West Virginia  | 17.78             | (15.80 - 19.96)                  | 16.68               | (14.03 - 19.71)                    | 17.94             | (15.79 - 20.32)                  |
| Wisconsin      | 16.76             | (14.88 - 18.83)                  | 15.99               | (13.44 - 18.91)                    | 16.89             | (14.83 - 19.17)                  |
| Wyoming        | 13.48             | (11.76 - 15.41)                  | 15.78               | (13.28 - 18.66)                    | 13.12             | (11.25 - 15.24)                  |

NOTE: Mental Health Services are defined as having received inpatient treatment/counseling or outpatient treatment/counseling or having used prescription medication for problems with emotions, nerves, or mental health. Respondents were not to include treatment for drug or alcohol use.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.



**Table 30** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017*  
NSDUHs

| State                | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 4.19              | (4.03 - 4.35)                       | 9.64                | (9.22 - 10.08)                        | 3.31              | (3.14 - 3.48)                       |
| Northeast            | 3.99              | (3.68 - 4.32)                       | 9.50                | (8.79 - 10.26)                        | 3.11              | (2.79 - 3.46)                       |
| Midwest              | 4.35              | (4.08 - 4.63)                       | 9.98                | (9.37 - 10.62)                        | 3.41              | (3.13 - 3.72)                       |
| South                | 4.03              | (3.81 - 4.27)                       | 9.24                | (8.71 - 9.81)                         | 3.20              | (2.96 - 3.46)                       |
| West                 | 4.45              | (4.13 - 4.80)                       | 10.07               | (9.31 - 10.89)                        | 3.52              | (3.19 - 3.89)                       |
| Alabama              | 3.89              | (3.16 - 4.78)                       | 8.71                | (7.05 - 10.73)                        | 3.11              | (2.36 - 4.08)                       |
| Alaska               | 5.34              | (4.40 - 6.46)                       | 13.26               | (10.91 - 16.02)                       | 4.01              | (3.08 - 5.20)                       |
| Arizona              | 4.02              | (3.23 - 4.99)                       | 9.28                | (7.47 - 11.47)                        | 3.15              | (2.36 - 4.19)                       |
| Arkansas             | 4.59              | (3.78 - 5.57)                       | 9.83                | (8.00 - 12.01)                        | 3.73              | (2.91 - 4.78)                       |
| California           | 4.04              | (3.58 - 4.55)                       | 9.68                | (8.53 - 10.97)                        | 3.09              | (2.62 - 3.63)                       |
| Colorado             | 5.41              | (4.44 - 6.58)                       | 11.25               | (9.18 - 13.73)                        | 4.46              | (3.46 - 5.74)                       |
| Connecticut          | 4.05              | (3.27 - 5.01)                       | 10.03               | (8.13 - 12.30)                        | 3.08              | (2.30 - 4.11)                       |
| Delaware             | 4.16              | (3.41 - 5.07)                       | 9.61                | (7.84 - 11.73)                        | 3.35              | (2.59 - 4.33)                       |
| District of Columbia | 4.11              | (3.35 - 5.02)                       | 8.55                | (6.87 - 10.61)                        | 3.24              | (2.48 - 4.24)                       |
| Florida              | 3.49              | (3.01 - 4.04)                       | 9.38                | (8.16 - 10.75)                        | 2.69              | (2.20 - 3.27)                       |
| Georgia              | 4.38              | (3.67 - 5.23)                       | 8.73                | (7.29 - 10.41)                        | 3.65              | (2.91 - 4.58)                       |
| Hawaii               | 4.08              | (3.25 - 5.10)                       | 10.08               | (8.17 - 12.39)                        | 3.26              | (2.41 - 4.38)                       |
| Idaho                | 5.60              | (4.62 - 6.78)                       | 10.59               | (8.67 - 12.86)                        | 4.78              | (3.75 - 6.07)                       |
| Illinois             | 3.87              | (3.31 - 4.51)                       | 9.33                | (7.93 - 10.96)                        | 2.98              | (2.43 - 3.67)                       |
| Indiana              | 5.04              | (4.16 - 6.08)                       | 11.05               | (9.00 - 13.48)                        | 3.99              | (3.11 - 5.11)                       |
| Iowa                 | 4.69              | (3.87 - 5.66)                       | 10.58               | (8.70 - 12.80)                        | 3.64              | (2.80 - 4.72)                       |
| Kansas               | 4.87              | (4.01 - 5.90)                       | 10.29               | (8.38 - 12.58)                        | 3.90              | (3.02 - 5.02)                       |
| Kentucky             | 4.71              | (3.88 - 5.72)                       | 10.47               | (8.59 - 12.71)                        | 3.78              | (2.93 - 4.87)                       |
| Louisiana            | 4.25              | (3.46 - 5.21)                       | 8.07                | (6.46 - 10.05)                        | 3.62              | (2.79 - 4.68)                       |
| Maine                | 3.99              | (3.25 - 4.89)                       | 9.98                | (8.19 - 12.12)                        | 3.19              | (2.44 - 4.17)                       |
| Maryland             | 4.00              | (3.26 - 4.90)                       | 9.04                | (7.35 - 11.08)                        | 3.23              | (2.47 - 4.21)                       |
| Massachusetts        | 4.57              | (3.75 - 5.57)                       | 10.07               | (8.20 - 12.32)                        | 3.63              | (2.78 - 4.72)                       |
| Michigan             | 3.99              | (3.44 - 4.62)                       | 9.33                | (8.04 - 10.80)                        | 3.10              | (2.54 - 3.77)                       |
| Minnesota            | 4.52              | (3.74 - 5.45)                       | 10.17               | (8.30 - 12.39)                        | 3.63              | (2.85 - 4.62)                       |
| Mississippi          | 4.01              | (3.24 - 4.94)                       | 8.54                | (6.91 - 10.52)                        | 3.22              | (2.44 - 4.23)                       |
| Missouri             | 4.04              | (3.32 - 4.90)                       | 9.75                | (7.94 - 11.91)                        | 3.11              | (2.39 - 4.04)                       |
| Montana              | 4.91              | (4.04 - 5.96)                       | 11.26               | (9.24 - 13.65)                        | 3.90              | (3.04 - 5.00)                       |

See notes at end of table.

(continued)

**Table 30 *Had Serious Thoughts of Suicide in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017***  
**NSDUHs (continued)**

| State          | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 4.05              | (3.30 - 4.96)                       | 9.21                | (7.41 - 11.40)                        | 3.13              | (2.38 - 4.11)                       |
| Nevada         | 4.62              | (3.72 - 5.72)                       | 10.40               | (8.37 - 12.86)                        | 3.78              | (2.88 - 4.95)                       |
| New Hampshire  | 4.89              | (3.99 - 5.97)                       | 10.87               | (8.83 - 13.31)                        | 3.97              | (3.06 - 5.13)                       |
| New Jersey     | 3.41              | (2.80 - 4.14)                       | 9.14                | (7.55 - 11.04)                        | 2.56              | (1.95 - 3.35)                       |
| New Mexico     | 4.01              | (3.25 - 4.95)                       | 8.78                | (7.06 - 10.87)                        | 3.23              | (2.44 - 4.26)                       |
| New York       | 3.68              | (3.19 - 4.25)                       | 9.22                | (8.02 - 10.58)                        | 2.79              | (2.27 - 3.41)                       |
| North Carolina | 4.57              | (3.86 - 5.40)                       | 9.67                | (8.09 - 11.53)                        | 3.77              | (3.02 - 4.68)                       |
| North Dakota   | 4.57              | (3.77 - 5.52)                       | 10.07               | (8.21 - 12.30)                        | 3.43              | (2.65 - 4.44)                       |
| Ohio           | 4.56              | (3.95 - 5.25)                       | 10.09               | (8.74 - 11.62)                        | 3.68              | (3.05 - 4.44)                       |
| Oklahoma       | 4.10              | (3.34 - 5.03)                       | 9.03                | (7.22 - 11.23)                        | 3.25              | (2.48 - 4.26)                       |
| Oregon         | 5.18              | (4.26 - 6.29)                       | 11.01               | (9.06 - 13.32)                        | 4.32              | (3.37 - 5.52)                       |
| Pennsylvania   | 4.28              | (3.69 - 4.97)                       | 9.30                | (7.96 - 10.85)                        | 3.51              | (2.89 - 4.26)                       |
| Rhode Island   | 4.78              | (3.92 - 5.81)                       | 10.62               | (8.65 - 12.97)                        | 3.73              | (2.89 - 4.81)                       |
| South Carolina | 4.11              | (3.35 - 5.04)                       | 9.27                | (7.56 - 11.32)                        | 3.31              | (2.54 - 4.31)                       |
| South Dakota   | 4.40              | (3.62 - 5.33)                       | 9.85                | (8.07 - 11.97)                        | 3.48              | (2.68 - 4.50)                       |
| Tennessee      | 4.50              | (3.67 - 5.49)                       | 9.29                | (7.54 - 11.39)                        | 3.74              | (2.89 - 4.83)                       |
| Texas          | 3.72              | (3.28 - 4.21)                       | 9.31                | (8.13 - 10.64)                        | 2.72              | (2.27 - 3.24)                       |
| Utah           | 5.99              | (5.00 - 7.17)                       | 12.23               | (9.97 - 14.90)                        | 4.60              | (3.61 - 5.86)                       |
| Vermont        | 5.31              | (4.35 - 6.45)                       | 11.29               | (9.08 - 13.96)                        | 4.27              | (3.30 - 5.51)                       |
| Virginia       | 4.20              | (3.52 - 5.02)                       | 9.26                | (7.75 - 11.03)                        | 3.40              | (2.69 - 4.29)                       |
| Washington     | 5.06              | (4.13 - 6.20)                       | 10.08               | (8.21 - 12.34)                        | 4.30              | (3.33 - 5.53)                       |
| West Virginia  | 4.75              | (3.87 - 5.81)                       | 10.01               | (8.16 - 12.21)                        | 3.99              | (3.07 - 5.16)                       |
| Wisconsin      | 4.60              | (3.77 - 5.59)                       | 10.87               | (8.94 - 13.16)                        | 3.57              | (2.74 - 4.63)                       |
| Wyoming        | 4.39              | (3.60 - 5.35)                       | 10.57               | (8.69 - 12.81)                        | 3.41              | (2.63 - 4.42)                       |

NOTE: Respondents were asked, "At any time in the past 12 months, did you seriously think about trying to kill yourself?" If they answered "Yes," they were categorized as having serious thoughts of suicide in the past year.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

**Table 31 Major Depressive Episode in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs**

| State                | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) |
|----------------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|
| Total U.S.           | 6.89              | (6.68 - 7.11)                       | 13.01               | (12.56 - 13.48)                       | 11.95               | (11.49 - 12.43)                       | 6.07              | (5.84 - 6.31)                       |
| Northeast            | 6.76              | (6.35 - 7.18)                       | 12.14               | (11.35 - 12.98)                       | 11.77               | (10.91 - 12.69)                       | 5.96              | (5.52 - 6.43)                       |
| Midwest              | 7.24              | (6.89 - 7.59)                       | 13.93               | (13.23 - 14.67)                       | 12.61               | (11.86 - 13.39)                       | 6.35              | (5.96 - 6.76)                       |
| South                | 6.66              | (6.37 - 6.97)                       | 12.39               | (11.76 - 13.04)                       | 10.91               | (10.30 - 11.56)                       | 5.98              | (5.65 - 6.33)                       |
| West                 | 7.05              | (6.66 - 7.47)                       | 13.79               | (12.98 - 14.65)                       | 13.11               | (12.21 - 14.07)                       | 6.05              | (5.61 - 6.51)                       |
| Alabama              | 7.24              | (6.15 - 8.51)                       | 11.90               | (10.04 - 14.04)                       | 10.47               | (8.55 - 12.77)                        | 6.72              | (5.51 - 8.16)                       |
| Alaska               | 7.69              | (6.59 - 8.96)                       | 14.27               | (12.18 - 16.64)                       | 13.28               | (10.98 - 15.98)                       | 6.76              | (5.57 - 8.18)                       |
| Arizona              | 6.53              | (5.53 - 7.71)                       | 13.06               | (11.07 - 15.34)                       | 10.62               | (8.62 - 13.01)                        | 5.86              | (4.75 - 7.20)                       |
| Arkansas             | 8.19              | (7.03 - 9.52)                       | 13.36               | (11.33 - 15.69)                       | 12.24               | (10.14 - 14.70)                       | 7.53              | (6.25 - 9.04)                       |
| California           | 6.48              | (5.91 - 7.10)                       | 13.23               | (11.98 - 14.59)                       | 13.14               | (11.70 - 14.72)                       | 5.36              | (4.73 - 6.05)                       |
| Colorado             | 7.70              | (6.63 - 8.92)                       | 13.89               | (11.77 - 16.33)                       | 15.01               | (12.46 - 17.96)                       | 6.51              | (5.37 - 7.88)                       |
| Connecticut          | 6.97              | (5.93 - 8.19)                       | 13.16               | (11.19 - 15.41)                       | 13.10               | (10.80 - 15.81)                       | 5.98              | (4.84 - 7.37)                       |
| Delaware             | 7.07              | (6.02 - 8.30)                       | 11.58               | (9.72 - 13.74)                        | 11.82               | (9.63 - 14.43)                        | 6.37              | (5.23 - 7.74)                       |
| District of Columbia | 7.89              | (6.76 - 9.18)                       | 10.49               | (8.75 - 12.53)                        | 12.25               | (9.95 - 15.00)                        | 7.04              | (5.82 - 8.49)                       |
| Florida              | 6.20              | (5.51 - 6.96)                       | 13.09               | (11.73 - 14.57)                       | 11.15               | (9.74 - 12.74)                        | 5.52              | (4.77 - 6.38)                       |
| Georgia              | 6.90              | (5.96 - 7.97)                       | 11.44               | (9.78 - 13.33)                        | 10.48               | (8.76 - 12.48)                        | 6.30              | (5.27 - 7.51)                       |
| Hawaii               | 5.67              | (4.75 - 6.76)                       | 11.97               | (9.93 - 14.37)                        | 11.22               | (9.20 - 13.62)                        | 4.91              | (3.94 - 6.11)                       |
| Idaho                | 8.32              | (7.15 - 9.66)                       | 16.22               | (13.87 - 18.89)                       | 14.15               | (11.66 - 17.07)                       | 7.35              | (6.08 - 8.86)                       |
| Illinois             | 6.30              | (5.53 - 7.16)                       | 14.00               | (12.38 - 15.78)                       | 11.59               | (9.90 - 13.53)                        | 5.44              | (4.62 - 6.40)                       |
| Indiana              | 7.98              | (6.86 - 9.27)                       | 13.77               | (11.69 - 16.14)                       | 13.52               | (11.15 - 16.30)                       | 7.02              | (5.79 - 8.48)                       |
| Iowa                 | 7.73              | (6.64 - 8.98)                       | 14.10               | (11.96 - 16.54)                       | 12.94               | (10.80 - 15.42)                       | 6.80              | (5.59 - 8.24)                       |
| Kansas               | 7.58              | (6.44 - 8.90)                       | 13.84               | (11.86 - 16.09)                       | 11.87               | (9.75 - 14.38)                        | 6.81              | (5.54 - 8.35)                       |
| Kentucky             | 7.87              | (6.72 - 9.20)                       | 11.94               | (10.03 - 14.17)                       | 12.09               | (9.92 - 14.65)                        | 7.19              | (5.92 - 8.71)                       |
| Louisiana            | 7.17              | (6.06 - 8.47)                       | 10.76               | (8.95 - 12.87)                        | 8.80                | (6.96 - 11.07)                        | 6.90              | (5.65 - 8.41)                       |
| Maine                | 7.48              | (6.41 - 8.71)                       | 15.07               | (12.95 - 17.46)                       | 15.31               | (12.84 - 18.15)                       | 6.44              | (5.29 - 7.82)                       |
| Maryland             | 6.93              | (5.94 - 8.08)                       | 12.91               | (10.87 - 15.27)                       | 12.93               | (10.73 - 15.49)                       | 6.02              | (4.94 - 7.31)                       |
| Massachusetts        | 7.56              | (6.46 - 8.83)                       | 13.60               | (11.51 - 15.99)                       | 14.11               | (11.65 - 17.00)                       | 6.44              | (5.27 - 7.84)                       |
| Michigan             | 7.13              | (6.36 - 7.98)                       | 13.87               | (12.36 - 15.54)                       | 11.85               | (10.27 - 13.64)                       | 6.34              | (5.50 - 7.30)                       |
| Minnesota            | 6.77              | (5.77 - 7.93)                       | 13.56               | (11.53 - 15.90)                       | 15.20               | (12.61 - 18.21)                       | 5.44              | (4.38 - 6.74)                       |
| Mississippi          | 7.02              | (5.97 - 8.24)                       | 11.56               | (9.78 - 13.61)                        | 10.08               | (8.11 - 12.47)                        | 6.49              | (5.33 - 7.89)                       |
| Missouri             | 7.96              | (6.78 - 9.34)                       | 14.57               | (12.31 - 17.18)                       | 11.87               | (9.72 - 14.42)                        | 7.33              | (6.02 - 8.91)                       |
| Montana              | 7.94              | (6.85 - 9.18)                       | 14.07               | (11.99 - 16.44)                       | 13.90               | (11.59 - 16.58)                       | 6.99              | (5.80 - 8.40)                       |

See notes at end of table.

(continued)

**Table 31 Major Depressive Episode in the Past Year, by Age Group and State: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs (continued)**

| State          | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) |
|----------------|-------------------|-------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|
| Nebraska       | 6.64              | (5.68 - 7.75)                       | 13.01               | (11.00 - 15.32)                       | 11.60               | (9.55 - 14.02)                        | 5.76              | (4.72 - 7.02)                       |
| Nevada         | 6.74              | (5.70 - 7.95)                       | 14.97               | (12.77 - 17.47)                       | 12.79               | (10.47 - 15.55)                       | 5.86              | (4.74 - 7.23)                       |
| New Hampshire  | 8.29              | (7.08 - 9.69)                       | 13.91               | (11.91 - 16.18)                       | 14.23               | (11.78 - 17.09)                       | 7.37              | (6.05 - 8.96)                       |
| New Jersey     | 6.05              | (5.18 - 7.07)                       | 11.17               | (9.45 - 13.16)                        | 10.03               | (8.14 - 12.29)                        | 5.46              | (4.52 - 6.59)                       |
| New Mexico     | 6.63              | (5.58 - 7.85)                       | 14.88               | (12.66 - 17.42)                       | 11.18               | (9.05 - 13.75)                        | 5.88              | (4.74 - 7.28)                       |
| New York       | 6.49              | (5.79 - 7.26)                       | 11.46               | (10.16 - 12.90)                       | 10.70               | (9.31 - 12.27)                        | 5.80              | (5.04 - 6.67)                       |
| North Carolina | 6.72              | (5.83 - 7.74)                       | 12.03               | (10.39 - 13.89)                       | 10.35               | (8.61 - 12.39)                        | 6.15              | (5.17 - 7.30)                       |
| North Dakota   | 7.10              | (6.08 - 8.29)                       | 12.13               | (10.27 - 14.28)                       | 11.86               | (9.73 - 14.37)                        | 6.13              | (5.01 - 7.47)                       |
| Ohio           | 7.56              | (6.77 - 8.44)                       | 14.35               | (12.79 - 16.06)                       | 12.63               | (11.03 - 14.43)                       | 6.76              | (5.88 - 7.77)                       |
| Oklahoma       | 7.75              | (6.62 - 9.06)                       | 13.86               | (11.76 - 16.26)                       | 11.81               | (9.63 - 14.41)                        | 7.06              | (5.81 - 8.55)                       |
| Oregon         | 8.49              | (7.30 - 9.85)                       | 16.34               | (14.01 - 18.98)                       | 15.16               | (12.65 - 18.07)                       | 7.49              | (6.19 - 9.04)                       |
| Pennsylvania   | 6.82              | (6.06 - 7.67)                       | 12.23               | (10.75 - 13.89)                       | 12.13               | (10.57 - 13.88)                       | 6.01              | (5.17 - 6.96)                       |
| Rhode Island   | 7.41              | (6.33 - 8.65)                       | 13.30               | (11.26 - 15.65)                       | 12.06               | (9.89 - 14.64)                        | 6.57              | (5.39 - 7.99)                       |
| South Carolina | 6.76              | (5.73 - 7.97)                       | 12.31               | (10.42 - 14.50)                       | 10.70               | (8.83 - 12.92)                        | 6.15              | (5.00 - 7.55)                       |
| South Dakota   | 6.73              | (5.78 - 7.82)                       | 12.56               | (10.59 - 14.83)                       | 13.06               | (10.77 - 15.74)                       | 5.66              | (4.64 - 6.88)                       |
| Tennessee      | 7.18              | (6.19 - 8.31)                       | 12.79               | (10.87 - 14.99)                       | 12.34               | (10.15 - 14.92)                       | 6.37              | (5.28 - 7.65)                       |
| Texas          | 5.76              | (5.14 - 6.44)                       | 12.19               | (10.81 - 13.71)                       | 9.89                | (8.59 - 11.37)                        | 5.02              | (4.35 - 5.78)                       |
| Utah           | 9.06              | (7.90 - 10.37)                      | 15.48               | (13.22 - 18.05)                       | 14.95               | (12.28 - 18.08)                       | 7.75              | (6.48 - 9.23)                       |
| Vermont        | 7.60              | (6.53 - 8.84)                       | 12.83               | (10.86 - 15.11)                       | 14.33               | (11.75 - 17.36)                       | 6.43              | (5.28 - 7.81)                       |
| Virginia       | 6.77              | (5.90 - 7.76)                       | 13.22               | (11.40 - 15.27)                       | 12.35               | (10.55 - 14.40)                       | 5.88              | (4.92 - 7.02)                       |
| Washington     | 8.52              | (7.20 - 10.04)                      | 13.98               | (11.83 - 16.44)                       | 12.50               | (10.17 - 15.27)                       | 7.91              | (6.47 - 9.64)                       |
| West Virginia  | 8.52              | (7.29 - 9.94)                       | 14.05               | (11.90 - 16.51)                       | 13.06               | (10.76 - 15.76)                       | 7.86              | (6.51 - 9.47)                       |
| Wisconsin      | 7.50              | (6.44 - 8.73)                       | 13.66               | (11.72 - 15.87)                       | 13.99               | (11.59 - 16.79)                       | 6.44              | (5.27 - 7.84)                       |
| Wyoming        | 7.15              | (6.11 - 8.36)                       | 14.20               | (12.09 - 16.62)                       | 12.85               | (10.71 - 15.35)                       | 6.25              | (5.11 - 7.62)                       |

NOTE: Major depressive episode (MDE) is defined as in the 5th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-5), which specifies a period of at least 2 weeks when an individual experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms. For details, see Section B of the "2016-2017 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

NOTE: There are minor wording differences in the questions in the adult and adolescent MDE modules. Therefore, data from youths aged 12 to 17 were not combined with data from adults aged 18 or older to produce an estimate for those aged 12 or older.

NOTE: State and census region estimates, along with the 95 percent Bayesian confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.



# **2014-2016 National Survey on Drug Use and Health Substate Age Group Tables**

NOTE: The methodology used to suppress small area age group estimates with low precision is provided after [Table 14](#).

**Table 1** *Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs*

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 12.56               | (12.20 - 12.94)                       | 32.37               | (31.79 - 32.97)                       | 10.52             | (10.26 - 10.78)                     | 13.66             | (13.40 - 13.92)                     |
| <b>Northeast</b>           | 12.89               | (12.16 - 13.65)                       | 36.67               | (35.50 - 37.85)                       | 11.53             | (10.89 - 12.20)                     | 15.05             | (14.46 - 15.66)                     |
| <b>Midwest</b>             | 12.54               | (11.95 - 13.15)                       | 31.86               | (30.95 - 32.78)                       | 9.70              | (9.15 - 10.27)                      | 12.90             | (12.39 - 13.42)                     |
| <b>South</b>               | 11.41               | (10.91 - 11.94)                       | 29.52               | (28.75 - 30.30)                       | 8.72              | (8.22 - 9.25)                       | 11.69             | (11.24 - 12.15)                     |
| <b>West</b>                | 14.20               | (13.45 - 14.98)                       | 34.09               | (33.04 - 35.16)                       | 13.35             | (12.69 - 14.04)                     | 16.40             | (15.80 - 17.01)                     |
| <b>Alabama</b>             | 9.54                | (7.89 - 11.49)                        | 26.20               | (23.38 - 29.23)                       | 6.62              | (5.48 - 7.99)                       | 9.42              | (8.27 - 10.71)                      |
| Region 1                   | 10.32               | (7.92 - 13.34)                        | 27.14               | (22.34 - 32.54)                       | 6.84              | (5.25 - 8.85)                       | 9.47              | (7.77 - 11.50)                      |
| Region 2                   | 9.59                | (7.33 - 12.45)                        | 29.72               | (24.81 - 35.15)                       | 7.18              | (5.47 - 9.37)                       | 10.47             | (8.67 - 12.59)                      |
| Region 3                   | 7.93                | (5.89 - 10.59)                        | 21.62               | (17.19 - 26.81)                       | 5.77              | (4.20 - 7.88)                       | 8.47              | (6.70 - 10.67)                      |
| Region 4                   | 9.72                | (7.42 - 12.64)                        | 24.21               | (19.30 - 29.91)                       | 6.22              | (4.63 - 8.30)                       | 8.60              | (6.84 - 10.76)                      |
| <b>Alaska</b>              | 19.05               | (16.56 - 21.81)                       | 41.04               | (37.55 - 44.63)                       | 19.96             | (17.87 - 22.23)                     | 23.26             | (21.36 - 25.28)                     |
| Anchorage                  | 18.81               | (15.47 - 22.69)                       | 39.99               | (35.34 - 44.83)                       | 18.39             | (15.74 - 21.37)                     | 21.83             | (19.37 - 24.50)                     |
| Northern                   | 19.19               | (15.41 - 23.63)                       | 40.44               | (34.37 - 46.82)                       | 23.49             | (19.52 - 27.97)                     | 26.59             | (22.87 - 30.66)                     |
| South Central              | 19.25               | (15.62 - 23.48)                       | 42.80               | (36.58 - 49.25)                       | 18.80             | (15.45 - 22.68)                     | 22.21             | (18.96 - 25.84)                     |
| Southeast                  | 19.12               | (14.71 - 24.48)                       | *                   | (* - *)                               | 21.79             | (17.27 - 27.11)                     | 24.51             | (20.10 - 29.54)                     |
| <b>Arizona</b>             | 12.56               | (10.69 - 14.71)                       | 29.75               | (26.68 - 33.00)                       | 9.58              | (8.18 - 11.20)                      | 12.52             | (11.13 - 14.06)                     |
| Central                    | 12.43               | (10.16 - 15.11)                       | 30.67               | (26.78 - 34.85)                       | 10.10             | (8.43 - 12.05)                      | 13.12             | (11.47 - 14.96)                     |
| North                      | 12.21               | (9.14 - 16.13)                        | *                   | (* - *)                               | 8.15              | (5.92 - 11.13)                      | 10.87             | (8.38 - 13.99)                      |
| South                      | 13.02               | (10.54 - 15.98)                       | 28.57               | (23.93 - 33.72)                       | 9.11              | (7.15 - 11.55)                      | 11.98             | (9.90 - 14.43)                      |
| South A                    | 12.75               | (9.78 - 16.46)                        | *                   | (* - *)                               | 9.74              | (7.34 - 12.83)                      | 12.76             | (10.20 - 15.85)                     |
| South B                    | 13.30               | (10.15 - 17.25)                       | *                   | (* - *)                               | 8.34              | (6.04 - 11.40)                      | 11.03             | (8.47 - 14.24)                      |
| <b>Arkansas</b>            | 11.47               | (9.73 - 13.48)                        | 27.81               | (24.83 - 31.00)                       | 8.80              | (7.50 - 10.31)                      | 11.53             | (10.22 - 12.97)                     |
| Catchment Area 1           | 11.77               | (8.92 - 15.38)                        | 27.12               | (21.72 - 33.29)                       | 8.92              | (6.81 - 11.59)                      | 11.83             | (9.56 - 14.56)                      |
| Catchment Area 2           | 9.95                | (7.34 - 13.37)                        | 22.73               | (17.59 - 28.85)                       | 6.63              | (4.75 - 9.20)                       | 8.62              | (6.57 - 11.24)                      |
| Catchment Area 3           | 10.22               | (7.69 - 13.45)                        | 26.33               | (20.93 - 32.55)                       | 8.26              | (6.23 - 10.87)                      | 10.90             | (8.71 - 13.56)                      |
| Catchment Area 4           | 10.56               | (7.94 - 13.92)                        | *                   | (* - *)                               | 7.10              | (5.20 - 9.62)                       | 9.32              | (7.18 - 12.01)                      |
| Catchment Area 5           | 11.44               | (8.74 - 14.83)                        | 26.77               | (21.36 - 32.98)                       | 7.83              | (5.78 - 10.54)                      | 10.89             | (8.62 - 13.68)                      |
| Catchment Area 6           | 11.23               | (8.39 - 14.88)                        | *                   | (* - *)                               | 10.13             | (7.39 - 13.72)                      | 13.26             | (10.26 - 16.98)                     |
| Catchment Area 7           | 10.41               | (7.67 - 13.99)                        | *                   | (* - *)                               | 7.58              | (5.35 - 10.64)                      | 10.12             | (7.55 - 13.43)                      |
| Catchment Area 8           | 13.82               | (10.69 - 17.69)                       | *                   | (* - *)                               | 11.91             | (9.29 - 15.15)                      | 14.89             | (12.17 - 18.10)                     |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 13.95               | (12.81 - 15.18)                       | 33.85               | (32.20 - 35.54)                       | 12.93             | (12.02 - 13.90)                     | 16.07             | (15.24 - 16.94)                     |
| Region 1R                   | 17.66               | (13.89 - 22.19)                       | *                   | (* - *)                               | 18.82             | (15.08 - 23.22)                     | 21.89             | (18.22 - 26.07)                     |
| Region 2R                   | 15.47               | (12.31 - 19.26)                       | *                   | (* - *)                               | 13.03             | (10.31 - 16.34)                     | 17.20             | (14.34 - 20.50)                     |
| Region 3R (Sacramento)      | 15.05               | (11.95 - 18.77)                       | 36.02               | (30.42 - 42.02)                       | 14.49             | (11.79 - 17.68)                     | 17.64             | (14.91 - 20.74)                     |
| Region 4R                   | 17.42               | (13.89 - 21.63)                       | *                   | (* - *)                               | 14.98             | (11.99 - 18.55)                     | 17.98             | (14.90 - 21.54)                     |
| Region 5R (San Francisco)   | *                   | (* - *)                               | *                   | (* - *)                               | 22.85             | (18.51 - 27.86)                     | 25.09             | (20.77 - 29.96)                     |
| Region 6 (Santa Clara)      | 13.11               | (10.50 - 16.24)                       | 31.93               | (26.79 - 37.55)                       | 11.02             | (8.95 - 13.50)                      | 13.72             | (11.59 - 16.17)                     |
| Region 7R (Contra Costa)    | 15.36               | (12.08 - 19.34)                       | 40.43               | (33.99 - 47.22)                       | 13.43             | (10.57 - 16.92)                     | 17.00             | (14.06 - 20.41)                     |
| Region 8R (Alameda)         | 14.90               | (11.71 - 18.78)                       | 39.03               | (33.03 - 45.38)                       | 14.79             | (12.03 - 18.05)                     | 18.01             | (15.23 - 21.16)                     |
| Region 9R (San Mateo)       | 16.98               | (13.23 - 21.54)                       | *                   | (* - *)                               | 13.20             | (10.27 - 16.81)                     | 15.96             | (12.87 - 19.62)                     |
| Region 10                   | 15.95               | (12.45 - 20.21)                       | *                   | (* - *)                               | 12.76             | (9.91 - 16.29)                      | 17.10             | (14.05 - 20.65)                     |
| Region 11 (Los Angeles)     | 12.90               | (11.47 - 14.49)                       | 32.24               | (29.75 - 34.84)                       | 12.58             | (11.29 - 13.99)                     | 15.54             | (14.30 - 16.88)                     |
| LA SPA 1 and 5              | 14.45               | (11.26 - 18.36)                       | *                   | (* - *)                               | 15.35             | (12.08 - 19.32)                     | 18.81             | (15.45 - 22.70)                     |
| LA SPA 2                    | 13.03               | (10.47 - 16.09)                       | 32.77               | (27.69 - 38.28)                       | 12.63             | (10.21 - 15.53)                     | 15.43             | (12.99 - 18.23)                     |
| LA SPA 3                    | 10.02               | (7.67 - 12.98)                        | 25.86               | (20.78 - 31.69)                       | 8.31              | (6.38 - 10.75)                      | 10.90             | (8.82 - 13.40)                      |
| LA SPA 4                    | 12.92               | (9.99 - 16.54)                        | *                   | (* - *)                               | 18.04             | (14.36 - 22.42)                     | 20.19             | (16.52 - 24.42)                     |
| LA SPA 6                    | 13.75               | (10.74 - 17.43)                       | *                   | (* - *)                               | 11.80             | (9.18 - 15.06)                      | 15.89             | (13.00 - 19.29)                     |
| LA SPA 7                    | 12.92               | (10.14 - 16.32)                       | *                   | (* - *)                               | 9.12              | (6.98 - 11.82)                      | 12.55             | (10.16 - 15.41)                     |
| LA SPA 8                    | 14.38               | (11.44 - 17.92)                       | 35.65               | (29.81 - 41.96)                       | 14.32             | (11.68 - 17.44)                     | 17.37             | (14.68 - 20.43)                     |
| Region 12R                  | 13.68               | (10.58 - 17.52)                       | *                   | (* - *)                               | 11.81             | (8.97 - 15.40)                      | 14.73             | (11.72 - 18.36)                     |
| Regions 13 and 19R          | 13.25               | (10.67 - 16.34)                       | 28.09               | (23.73 - 32.90)                       | 10.37             | (8.44 - 12.68)                      | 13.31             | (11.37 - 15.53)                     |
| Region 14 (Orange)          | 12.56               | (10.16 - 15.43)                       | 33.20               | (28.21 - 38.60)                       | 10.52             | (8.48 - 12.97)                      | 13.80             | (11.71 - 16.20)                     |
| Region 15R (Fresno)         | 13.08               | (10.14 - 16.70)                       | 29.70               | (24.00 - 36.11)                       | 10.53             | (8.11 - 13.57)                      | 13.93             | (11.30 - 17.05)                     |
| Region 16R (San Diego)      | 14.69               | (12.15 - 17.65)                       | 37.88               | (32.88 - 43.14)                       | 14.34             | (12.15 - 16.86)                     | 18.01             | (15.78 - 20.46)                     |
| Region 17R                  | 11.42               | (9.16 - 14.14)                        | 26.27               | (21.63 - 31.52)                       | 10.89             | (8.81 - 13.38)                      | 13.59             | (11.48 - 16.02)                     |
| Region 18R (San Bernardino) | 13.90               | (11.21 - 17.12)                       | 27.72               | (22.89 - 33.12)                       | 10.84             | (8.68 - 13.46)                      | 13.77             | (11.54 - 16.35)                     |
| Region 20R                  | 12.98               | (10.05 - 16.61)                       | *                   | (* - *)                               | 10.67             | (8.20 - 13.78)                      | 13.59             | (10.91 - 16.80)                     |
| Region 21R                  | 17.64               | (14.03 - 21.93)                       | *                   | (* - *)                               | 16.32             | (12.88 - 20.48)                     | 20.83             | (17.16 - 25.03)                     |

See notes at end of table.

(continued)



**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 17.49               | (15.20 - 20.03)                       | 45.71               | (42.13 - 49.33)                       | 19.50             | (17.44 - 21.74)                     | 23.27             | (21.33 - 25.33)                     |
| Region 1                                  | 18.71               | (14.64 - 23.60)                       | *                   | (* - *)                               | 19.51             | (15.78 - 23.87)                     | 23.94             | (20.24 - 28.08)                     |
| Region 2                                  | 16.60               | (12.69 - 21.42)                       | *                   | (* - *)                               | 16.22             | (12.23 - 21.19)                     | 19.85             | (15.76 - 24.70)                     |
| Region 3                                  | 17.01               | (13.73 - 20.88)                       | 42.42               | (36.47 - 48.59)                       | 16.16             | (13.18 - 19.67)                     | 19.81             | (16.88 - 23.09)                     |
| Region 4                                  | 15.68               | (11.78 - 20.58)                       | *                   | (* - *)                               | 16.38             | (12.36 - 21.39)                     | 19.57             | (15.46 - 24.45)                     |
| Region 5                                  | 17.09               | (13.14 - 21.93)                       | *                   | (* - *)                               | 28.07             | (23.06 - 33.70)                     | 30.81             | (25.99 - 36.10)                     |
| Region 6                                  | 19.43               | (15.55 - 23.99)                       | *                   | (* - *)                               | 22.85             | (18.82 - 27.45)                     | 26.97             | (23.07 - 31.27)                     |
| Region 7                                  | 16.72               | (12.93 - 21.35)                       | *                   | (* - *)                               | 16.69             | (13.19 - 20.89)                     | 20.93             | (17.32 - 25.08)                     |
| <b>Connecticut</b>                        | 14.72               | (12.45 - 17.31)                       | 42.16               | (38.38 - 46.03)                       | 10.56             | (9.01 - 12.34)                      | 14.97             | (13.41 - 16.67)                     |
| Eastern                                   | 15.87               | (12.04 - 20.64)                       | *                   | (* - *)                               | 12.31             | (9.33 - 16.07)                      | 18.24             | (15.00 - 21.99)                     |
| North Central                             | 14.74               | (11.54 - 18.63)                       | 42.50               | (36.04 - 49.22)                       | 11.33             | (9.04 - 14.10)                      | 15.50             | (13.08 - 18.28)                     |
| Northwestern                              | 14.88               | (11.56 - 18.95)                       | *                   | (* - *)                               | 10.28             | (7.83 - 13.39)                      | 13.93             | (11.29 - 17.06)                     |
| South Central                             | 13.83               | (10.64 - 17.79)                       | 42.60               | (36.41 - 49.03)                       | 9.75              | (7.49 - 12.60)                      | 14.40             | (11.99 - 17.19)                     |
| Southwest                                 | 14.85               | (11.50 - 18.97)                       | *                   | (* - *)                               | 9.62              | (7.21 - 12.72)                      | 13.74             | (11.14 - 16.82)                     |
| <b>Delaware</b>                           | 13.90               | (11.89 - 16.20)                       | 36.96               | (33.55 - 40.50)                       | 10.07             | (8.62 - 11.73)                      | 13.71             | (12.28 - 15.28)                     |
| Kent                                      | 14.70               | (11.52 - 18.57)                       | *                   | (* - *)                               | 9.56              | (7.41 - 12.25)                      | 13.49             | (11.16 - 16.23)                     |
| New Castle (excluding<br>Wilmington City) | 13.13               | (10.68 - 16.04)                       | 37.53               | (33.16 - 42.12)                       | 9.44              | (7.70 - 11.51)                      | 13.51             | (11.77 - 15.46)                     |
| Sussex                                    | 13.85               | (10.65 - 17.82)                       | *                   | (* - *)                               | 9.03              | (6.87 - 11.80)                      | 11.64             | (9.32 - 14.43)                      |
| Wilmington City                           | 17.13               | (13.06 - 22.14)                       | *                   | (* - *)                               | 18.26             | (14.03 - 23.42)                     | 21.47             | (17.17 - 26.52)                     |
| <b>District of Columbia</b>               | 15.01               | (12.84 - 17.48)                       | 48.70               | (44.71 - 52.70)                       | 19.83             | (17.75 - 22.08)                     | 24.80             | (22.86 - 26.85)                     |
| Ward 1                                    | *                   | (* - *)                               | *                   | (* - *)                               | 27.95             | (22.89 - 33.64)                     | 33.16             | (28.28 - 38.43)                     |
| Ward 2                                    | *                   | (* - *)                               | *                   | (* - *)                               | 23.93             | (19.35 - 29.21)                     | 31.26             | (26.73 - 36.17)                     |
| Ward 3                                    | 12.47               | (9.42 - 16.31)                        | *                   | (* - *)                               | 14.17             | (11.12 - 17.89)                     | 19.36             | (16.05 - 23.18)                     |
| Ward 4                                    | 13.82               | (10.54 - 17.93)                       | *                   | (* - *)                               | 15.99             | (12.58 - 20.10)                     | 18.82             | (15.31 - 22.92)                     |
| Ward 5                                    | 17.11               | (13.26 - 21.79)                       | *                   | (* - *)                               | 19.97             | (15.97 - 24.68)                     | 25.24             | (21.17 - 29.80)                     |
| Ward 6                                    | 12.56               | (9.55 - 16.35)                        | 42.82               | (36.27 - 49.62)                       | 19.08             | (15.54 - 23.19)                     | 22.01             | (18.56 - 25.89)                     |
| Ward 7                                    | 15.68               | (12.11 - 20.06)                       | *                   | (* - *)                               | 18.80             | (14.77 - 23.63)                     | 23.08             | (19.06 - 27.66)                     |
| Ward 8                                    | 16.11               | (12.64 - 20.30)                       | *                   | (* - *)                               | 19.06             | (15.03 - 23.87)                     | 24.65             | (20.61 - 29.19)                     |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 13.27               | (12.05 - 14.60)                       | 33.13               | (31.28 - 35.03)                       | 9.76              | (8.80 - 10.80)                      | 12.68             | (11.79 - 13.62)                     |
| Broward (Circuit 17)                                                    | 12.43               | (9.93 - 15.44)                        | 33.51               | (28.29 - 39.17)                       | 10.83             | (8.64 - 13.49)                      | 13.56             | (11.38 - 16.10)                     |
| Central I                                                               | 12.62               | (10.71 - 14.81)                       | 35.32               | (31.49 - 39.34)                       | 10.66             | (9.01 - 12.57)                      | 14.19             | (12.52 - 16.04)                     |
| Circuit 9                                                               | 11.34               | (9.15 - 13.98)                        | 34.01               | (29.36 - 38.99)                       | 10.61             | (8.58 - 13.05)                      | 14.31             | (12.24 - 16.65)                     |
| Circuit 18                                                              | 14.69               | (11.74 - 18.23)                       | 37.82               | (31.76 - 44.28)                       | 10.74             | (8.43 - 13.58)                      | 14.01             | (11.60 - 16.83)                     |
| Central II                                                              | 14.10               | (12.40 - 15.99)                       | 32.56               | (29.67 - 35.58)                       | 9.26              | (8.06 - 10.62)                      | 11.86             | (10.68 - 13.16)                     |
| Circuit 6                                                               | 15.44               | (12.51 - 18.90)                       | 33.58               | (28.34 - 39.25)                       | 10.59             | (8.50 - 13.12)                      | 12.90             | (10.79 - 15.35)                     |
| Circuit 10                                                              | 12.27               | (9.64 - 15.50)                        | 28.09               | (22.87 - 33.98)                       | 8.27              | (6.30 - 10.77)                      | 10.74             | (8.64 - 13.27)                      |
| Circuit 12                                                              | 14.41               | (11.21 - 18.35)                       | *                   | (* - *)                               | 8.07              | (6.04 - 10.70)                      | 10.30             | (8.11 - 13.00)                      |
| Circuit 13 (Hillsborough)                                               | 14.50               | (11.73 - 17.79)                       | 35.58               | (30.53 - 40.98)                       | 10.65             | (8.52 - 13.25)                      | 14.13             | (11.96 - 16.62)                     |
| Circuit 20                                                              | 13.14               | (10.27 - 16.65)                       | *                   | (* - *)                               | 7.68              | (5.73 - 10.22)                      | 9.98              | (7.85 - 12.61)                      |
| Northeast                                                               | 14.67               | (12.70 - 16.88)                       | 35.51               | (31.90 - 39.29)                       | 10.80             | (9.30 - 12.51)                      | 13.94             | (12.41 - 15.62)                     |
| Circuit 4                                                               | 13.31               | (10.67 - 16.50)                       | 35.37               | (29.41 - 41.81)                       | 11.53             | (9.05 - 14.57)                      | 14.79             | (12.21 - 17.81)                     |
| Circuit 5                                                               | 15.49               | (12.18 - 19.52)                       | *                   | (* - *)                               | 9.81              | (7.58 - 12.61)                      | 12.16             | (9.83 - 14.93)                      |
| Circuit 7                                                               | 15.88               | (12.62 - 19.79)                       | *                   | (* - *)                               | 10.62             | (8.19 - 13.65)                      | 13.46             | (10.91 - 16.50)                     |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | 14.36               | (10.92 - 18.66)                       | *                   | (* - *)                               | 11.82             | (8.96 - 15.43)                      | 16.61             | (13.32 - 20.51)                     |
| Northwest                                                               | 15.42               | (13.07 - 18.11)                       | 39.29               | (35.38 - 43.35)                       | 11.66             | (9.75 - 13.88)                      | 16.09             | (14.15 - 18.24)                     |
| Circuit 1                                                               | 14.90               | (11.75 - 18.71)                       | 35.27               | (29.63 - 41.35)                       | 10.26             | (7.85 - 13.31)                      | 13.82             | (11.29 - 16.81)                     |
| Circuit 2 plus Madison and<br>Taylor                                    | 16.00               | (12.49 - 20.28)                       | 44.95               | (38.75 - 51.31)                       | 13.79             | (10.78 - 17.47)                     | 20.42             | (17.27 - 23.96)                     |
| Circuit 14                                                              | *                   | (* - *)                               | *                   | (* - *)                               | 12.03             | (8.99 - 15.91)                      | 15.00             | (11.73 - 18.98)                     |
| South (Circuits 11 and 16)                                              | 9.97                | (8.03 - 12.33)                        | 24.22               | (20.37 - 28.53)                       | 6.85              | (5.48 - 8.53)                       | 9.08              | (7.66 - 10.73)                      |
| Southeast                                                               | 13.13               | (10.98 - 15.63)                       | 33.35               | (28.91 - 38.10)                       | 9.76              | (8.00 - 11.86)                      | 12.34             | (10.55 - 14.39)                     |
| Circuit 15 (Palm Beach)                                                 | 12.78               | (10.16 - 15.95)                       | 33.42               | (28.07 - 39.23)                       | 9.84              | (7.74 - 12.44)                      | 12.45             | (10.29 - 15.00)                     |
| Circuit 19                                                              | 13.88               | (10.79 - 17.68)                       | *                   | (* - *)                               | 9.59              | (7.28 - 12.53)                      | 12.10             | (9.65 - 15.06)                      |
| <b>Georgia</b>                                                          | 10.92               | (9.40 - 12.65)                        | 30.07               | (27.55 - 32.71)                       | 9.36              | (8.18 - 10.70)                      | 12.43             | (11.28 - 13.68)                     |
| Region 1                                                                | 10.46               | (8.33 - 13.06)                        | 29.04               | (24.29 - 34.28)                       | 8.22              | (6.59 - 10.21)                      | 10.97             | (9.25 - 12.97)                      |
| Region 2                                                                | 10.19               | (7.91 - 13.02)                        | 27.72               | (22.55 - 33.56)                       | 8.32              | (6.40 - 10.75)                      | 11.53             | (9.45 - 14.00)                      |
| Region 3                                                                | 12.06               | (9.74 - 14.85)                        | 36.47               | (32.13 - 41.04)                       | 12.17             | (10.14 - 14.53)                     | 15.65             | (13.67 - 17.86)                     |
| Region 4                                                                | 10.64               | (7.95 - 14.10)                        | *                   | (* - *)                               | 8.59              | (6.38 - 11.47)                      | 11.61             | (9.11 - 14.69)                      |
| Region 5                                                                | 10.01               | (7.61 - 13.06)                        | 25.21               | (20.24 - 30.92)                       | 8.25              | (6.17 - 10.96)                      | 11.06             | (8.80 - 13.80)                      |
| Region 6                                                                | 10.85               | (8.34 - 14.00)                        | 27.00               | (21.81 - 32.91)                       | 7.63              | (5.75 - 10.05)                      | 10.54             | (8.47 - 13.05)                      |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 13.42               | (11.34 - 15.80)                       | 27.05               | (24.01 - 30.33)                       | 10.52             | (9.00 - 12.27)                      | 12.67             | (11.23 - 14.27)                     |
| Hawaii Island                   | 13.62               | (10.48 - 17.51)                       | *                   | (* - *)                               | 14.77             | (11.33 - 19.03)                     | 16.40             | (13.03 - 20.45)                     |
| Honolulu                        | 12.59               | (10.22 - 15.40)                       | 25.91               | (22.37 - 29.81)                       | 8.74              | (7.19 - 10.58)                      | 11.05             | (9.53 - 12.78)                      |
| Kauai                           | 17.86               | (13.40 - 23.41)                       | *                   | (* - *)                               | 16.04             | (12.02 - 21.09)                     | 18.33             | (14.27 - 23.23)                     |
| Maui                            | 16.12               | (12.39 - 20.70)                       | *                   | (* - *)                               | 14.11             | (10.71 - 18.35)                     | 15.98             | (12.63 - 20.02)                     |
| <b>Idaho</b>                    | 13.43               | (11.48 - 15.66)                       | 26.69               | (23.84 - 29.74)                       | 9.20              | (7.88 - 10.72)                      | 11.74             | (10.45 - 13.16)                     |
| Region 1                        | 16.59               | (12.65 - 21.47)                       | *                   | (* - *)                               | 9.87              | (7.40 - 13.06)                      | 12.39             | (9.76 - 15.62)                      |
| Region 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 10.12             | (7.38 - 13.73)                      | 13.73             | (10.67 - 17.49)                     |
| Region 3                        | 11.27               | (8.62 - 14.60)                        | 22.12               | (17.41 - 27.69)                       | 6.84              | (5.05 - 9.20)                       | 9.04              | (7.11 - 11.43)                      |
| Region 4                        | 15.77               | (12.47 - 19.75)                       | 35.25               | (30.05 - 40.82)                       | 12.45             | (10.22 - 15.10)                     | 15.44             | (13.21 - 17.97)                     |
| Region 5                        | 12.85               | (9.81 - 16.65)                        | *                   | (* - *)                               | 7.65              | (5.60 - 10.37)                      | 9.61              | (7.42 - 12.35)                      |
| Region 6                        | 12.63               | (9.38 - 16.79)                        | *                   | (* - *)                               | 8.45              | (5.95 - 11.86)                      | 10.91             | (8.09 - 14.56)                      |
| Region 7                        | 9.80                | (7.36 - 12.95)                        | 17.90               | (13.59 - 23.22)                       | 5.63              | (4.01 - 7.84)                       | 7.90              | (6.08 - 10.21)                      |
| <b>Illinois</b>                 | 11.86               | (10.56 - 13.30)                       | 31.72               | (29.61 - 33.92)                       | 9.12              | (8.14 - 10.21)                      | 12.33             | (11.40 - 13.34)                     |
| Region 1 (Cook)                 | 11.93               | (10.26 - 13.82)                       | 33.51               | (30.51 - 36.65)                       | 10.48             | (9.11 - 12.05)                      | 13.66             | (12.30 - 15.14)                     |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 11.92             | (9.02 - 15.60)                      | 14.07             | (11.00 - 17.82)                     |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 9.21              | (6.65 - 12.62)                      | 11.88             | (8.99 - 15.54)                      |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | *                   | (* - *)                               | 16.69             | (12.64 - 21.71)                     | 19.70             | (15.51 - 24.70)                     |
| Region 1.4 (West Side)          | 12.30               | (9.35 - 16.02)                        | *                   | (* - *)                               | 14.68             | (11.32 - 18.82)                     | 17.69             | (14.20 - 21.82)                     |
| Region 1.5 (South Side)         | 14.97               | (11.56 - 19.19)                       | *                   | (* - *)                               | 13.37             | (10.12 - 17.47)                     | 17.54             | (14.10 - 21.61)                     |
| Region 1.6 (Southwest Side)     | 11.17               | (8.46 - 14.62)                        | *                   | (* - *)                               | 7.95              | (5.83 - 10.74)                      | 11.53             | (9.07 - 14.56)                      |
| Region 1.7 (Suburban Cook)      | 11.50               | (9.29 - 14.15)                        | 32.22               | (27.80 - 36.98)                       | 7.92              | (6.39 - 9.79)                       | 11.05             | (9.45 - 12.88)                      |
| Region 2                        | 11.79               | (10.13 - 13.69)                       | 29.90               | (26.84 - 33.16)                       | 7.72              | (6.56 - 9.06)                       | 10.89             | (9.70 - 12.19)                      |
| Region 2a (DuPage)              | 12.14               | (9.45 - 15.46)                        | 32.27               | (26.43 - 38.72)                       | 8.58              | (6.61 - 11.05)                      | 11.74             | (9.61 - 14.26)                      |
| Region 2b                       | 11.54               | (9.44 - 14.03)                        | 29.06               | (24.83 - 33.69)                       | 7.36              | (5.91 - 9.14)                       | 10.52             | (8.99 - 12.28)                      |
| Region 2c (Winnebago)           | 12.48               | (9.45 - 16.30)                        | *                   | (* - *)                               | 8.86              | (6.44 - 12.07)                      | 11.86             | (9.08 - 15.36)                      |
| Region 2d                       | 11.95               | (9.21 - 15.37)                        | *                   | (* - *)                               | 7.13              | (5.26 - 9.60)                       | 10.43             | (8.24 - 13.12)                      |
| Region 3                        | 13.01               | (10.63 - 15.82)                       | 33.39               | (29.16 - 37.90)                       | 9.55              | (7.75 - 11.71)                      | 13.48             | (11.60 - 15.61)                     |
| Region 3a (Champaign)           | *                   | (* - *)                               | *                   | (* - *)                               | 11.89             | (8.82 - 15.85)                      | 19.80             | (16.05 - 24.18)                     |
| Region 3b                       | 12.89               | (10.33 - 15.98)                       | 31.21               | (26.35 - 36.51)                       | 9.21              | (7.30 - 11.58)                      | 12.41             | (10.40 - 14.74)                     |
| Region 4                        | 10.95               | (8.81 - 13.53)                        | 29.03               | (23.90 - 34.76)                       | 7.59              | (6.05 - 9.49)                       | 10.50             | (8.75 - 12.55)                      |
| Region 4a (Sangamon)            | *                   | (* - *)                               | *                   | (* - *)                               | 10.43             | (7.60 - 14.15)                      | 13.47             | (10.30 - 17.43)                     |
| Region 4b                       | 10.57               | (8.12 - 13.64)                        | *                   | (* - *)                               | 6.77              | (5.12 - 8.91)                       | 9.65              | (7.73 - 11.99)                      |
| Region 5                        | 11.19               | (9.11 - 13.68)                        | 29.75               | (25.25 - 34.68)                       | 8.44              | (6.77 - 10.47)                      | 11.36             | (9.56 - 13.44)                      |
| Region 5a                       | 10.60               | (8.01 - 13.90)                        | *                   | (* - *)                               | 8.13              | (6.06 - 10.83)                      | 11.15             | (8.78 - 14.07)                      |
| Region 5b                       | 11.71               | (9.03 - 15.07)                        | 29.24               | (23.65 - 35.54)                       | 8.69              | (6.58 - 11.38)                      | 11.52             | (9.24 - 14.26)                      |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 13.68               | (11.71 - 15.92)                       | 33.41               | (30.27 - 36.70)                       | 10.32             | (8.89 - 11.95)                      | 13.79             | (12.37 - 15.34)                     |
| Central                                     | 13.82               | (10.98 - 17.27)                       | 31.98               | (27.09 - 37.31)                       | 11.52             | (9.30 - 14.19)                      | 14.36             | (12.15 - 16.89)                     |
| East                                        | 15.01               | (11.20 - 19.82)                       | *                   | (* - *)                               | 11.77             | (8.76 - 15.64)                      | 16.03             | (12.72 - 20.01)                     |
| North Central                               | 12.41               | (9.55 - 15.98)                        | *                   | (* - *)                               | 8.42              | (6.30 - 11.16)                      | 11.45             | (9.07 - 14.34)                      |
| Northeast                                   | 13.72               | (10.34 - 17.99)                       | *                   | (* - *)                               | 8.99              | (6.70 - 11.97)                      | 12.16             | (9.60 - 15.28)                      |
| Northwest                                   | 13.72               | (10.45 - 17.80)                       | *                   | (* - *)                               | 9.99              | (7.48 - 13.23)                      | 13.26             | (10.49 - 16.62)                     |
| Southeast                                   | 13.57               | (10.39 - 17.53)                       | *                   | (* - *)                               | 9.29              | (6.80 - 12.57)                      | 12.23             | (9.49 - 15.63)                      |
| Southwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | 9.23              | (6.71 - 12.57)                      | 11.95             | (9.19 - 15.40)                      |
| West                                        | 14.55               | (10.89 - 19.17)                       | *                   | (* - *)                               | 12.15             | (9.14 - 15.97)                      | 18.26             | (14.83 - 22.27)                     |
| <b>Iowa</b>                                 | 9.59                | (8.00 - 11.45)                        | 26.46               | (23.56 - 29.57)                       | 6.10              | (5.01 - 7.42)                       | 9.20              | (8.06 - 10.47)                      |
| Central                                     | 9.92                | (7.49 - 13.02)                        | 25.05               | (19.81 - 31.14)                       | 6.70              | (4.91 - 9.07)                       | 9.32              | (7.33 - 11.77)                      |
| North Central                               | 9.96                | (7.25 - 13.55)                        | *                   | (* - *)                               | 5.86              | (4.18 - 8.15)                       | 10.06             | (7.91 - 12.70)                      |
| Northeast                                   | 9.52                | (7.22 - 12.45)                        | 27.32               | (22.54 - 32.68)                       | 6.09              | (4.58 - 8.06)                       | 9.32              | (7.61 - 11.35)                      |
| Northwest                                   | 9.79                | (7.30 - 13.00)                        | *                   | (* - *)                               | 5.46              | (3.91 - 7.58)                       | 7.99              | (6.17 - 10.28)                      |
| Southeast                                   | 8.98                | (6.85 - 11.68)                        | 27.59               | (22.29 - 33.60)                       | 6.41              | (4.77 - 8.55)                       | 9.80              | (7.92 - 12.07)                      |
| Southwest                                   | 9.69                | (7.16 - 12.99)                        | *                   | (* - *)                               | 5.69              | (4.01 - 8.02)                       | 8.26              | (6.25 - 10.84)                      |
| <b>Kansas</b>                               | 12.63               | (10.70 - 14.85)                       | 27.92               | (24.81 - 31.27)                       | 8.48              | (7.19 - 9.98)                       | 11.47             | (10.18 - 12.91)                     |
| Northeast                                   | 12.39               | (9.95 - 15.31)                        | 30.05               | (25.83 - 34.64)                       | 8.89              | (7.24 - 10.87)                      | 12.32             | (10.66 - 14.20)                     |
| Northwest and North Central                 | 13.60               | (10.03 - 18.18)                       | *                   | (* - *)                               | 7.25              | (5.12 - 10.17)                      | 9.89              | (7.40 - 13.10)                      |
| South Central                               | 12.91               | (10.18 - 16.24)                       | 25.68               | (21.05 - 30.94)                       | 8.48              | (6.63 - 10.80)                      | 10.99             | (9.07 - 13.27)                      |
| Southeast                                   | 13.22               | (9.90 - 17.45)                        | *                   | (* - *)                               | 8.36              | (5.98 - 11.59)                      | 11.06             | (8.31 - 14.58)                      |
| Southwest                                   | 11.58               | (8.55 - 15.50)                        | *                   | (* - *)                               | 6.82              | (4.74 - 9.73)                       | 9.18              | (6.74 - 12.39)                      |
| <b>Kentucky</b>                             | 11.33               | (9.65 - 13.26)                        | 29.65               | (26.63 - 32.86)                       | 10.01             | (8.54 - 11.70)                      | 12.79             | (11.37 - 14.37)                     |
| Adanta, Cumberland River,<br>and Lifeskills | 10.45               | (8.01 - 13.53)                        | *                   | (* - *)                               | 8.58              | (6.44 - 11.34)                      | 11.10             | (8.81 - 13.89)                      |
| Bluegrass, Comprehend, and<br>North Key     | 11.36               | (8.86 - 14.46)                        | 32.74               | (27.85 - 38.04)                       | 10.79             | (8.52 - 13.57)                      | 14.07             | (11.80 - 16.70)                     |
| Centerstone                                 | 12.80               | (10.20 - 15.95)                       | 33.52               | (27.67 - 39.94)                       | 11.43             | (8.96 - 14.47)                      | 14.38             | (11.88 - 17.30)                     |
| Communicare and River Valley                | 10.96               | (8.20 - 14.51)                        | *                   | (* - *)                               | 9.26              | (6.75 - 12.58)                      | 11.51             | (8.81 - 14.91)                      |
| Four Rivers and Pennyroyal                  | 10.74               | (7.90 - 14.46)                        | *                   | (* - *)                               | 8.02              | (5.68 - 11.20)                      | 10.44             | (7.90 - 13.67)                      |
| Kentucky River, Mountain,<br>and Pathways   | 10.32               | (7.69 - 13.72)                        | *                   | (* - *)                               | 9.69              | (7.06 - 13.17)                      | 12.11             | (9.31 - 15.60)                      |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 9.79                | (8.15 - 11.70)                        | 28.38               | (25.45 - 31.51)                       | 8.48              | (7.22 - 9.95)                       | 11.41             | (10.13 - 12.83)                     |
| Regions 1 and 10      | 10.77               | (8.46 - 13.61)                        | 35.26               | (29.48 - 41.50)                       | 11.42             | (9.09 - 14.26)                      | 14.71             | (12.20 - 17.63)                     |
| Region 1              | 11.41               | (8.46 - 15.22)                        | *                   | (* - *)                               | 13.80             | (10.51 - 17.90)                     | 17.71             | (14.13 - 21.96)                     |
| Region 10 (Jefferson) | 10.10               | (7.43 - 13.60)                        | *                   | (* - *)                               | 8.91              | (6.44 - 12.20)                      | 11.42             | (8.74 - 14.79)                      |
| Regions 2 and 9       | 10.67               | (8.25 - 13.70)                        | 33.44               | (28.32 - 38.98)                       | 8.74              | (6.88 - 11.04)                      | 12.51             | (10.54 - 14.78)                     |
| Region 3              | 8.50                | (6.31 - 11.36)                        | *                   | (* - *)                               | 6.74              | (4.83 - 9.31)                       | 8.98              | (6.87 - 11.65)                      |
| Regions 4, 5, and 6   | 8.39                | (6.33 - 11.05)                        | 20.82               | (16.21 - 26.34)                       | 6.92              | (5.20 - 9.15)                       | 8.96              | (7.09 - 11.26)                      |
| Regions 7 and 8       | 10.20               | (7.82 - 13.19)                        | 27.06               | (22.04 - 32.74)                       | 7.95              | (6.10 - 10.31)                      | 10.87             | (8.86 - 13.25)                      |
| <b>Maine</b>          | 16.91               | (14.70 - 19.38)                       | 42.59               | (39.09 - 46.16)                       | 17.69             | (15.66 - 19.92)                     | 20.67             | (18.76 - 22.73)                     |
| Aroostook/Downeast    | 16.26               | (13.14 - 19.95)                       | 39.77               | (33.55 - 46.34)                       | 16.91             | (13.64 - 20.77)                     | 19.41             | (16.15 - 23.15)                     |
| Aroostook             | 15.59               | (11.89 - 20.18)                       | *                   | (* - *)                               | 15.36             | (11.72 - 19.88)                     | 17.79             | (14.09 - 22.22)                     |
| Downeast              | *                   | (* - *)                               | *                   | (* - *)                               | 18.14             | (13.63 - 23.74)                     | 20.70             | (16.13 - 26.16)                     |
| Central               | 16.75               | (12.96 - 21.37)                       | *                   | (* - *)                               | 17.72             | (13.96 - 22.23)                     | 20.57             | (16.81 - 24.92)                     |
| Cumberland            | 16.79               | (13.52 - 20.67)                       | 46.39               | (39.98 - 52.92)                       | 18.60             | (15.24 - 22.50)                     | 22.01             | (18.75 - 25.66)                     |
| Midcoast              | 17.47               | (13.61 - 22.14)                       | *                   | (* - *)                               | 17.72             | (13.98 - 22.22)                     | 20.05             | (16.31 - 24.40)                     |
| Penquis               | 16.35               | (12.74 - 20.75)                       | *                   | (* - *)                               | 17.45             | (13.78 - 21.84)                     | 20.75             | (17.08 - 24.98)                     |
| Western               | 17.41               | (13.93 - 21.55)                       | *                   | (* - *)                               | 18.24             | (14.65 - 22.47)                     | 21.33             | (17.79 - 25.36)                     |
| York                  | 17.23               | (13.42 - 21.84)                       | *                   | (* - *)                               | 16.70             | (13.07 - 21.09)                     | 19.62             | (16.06 - 23.75)                     |
| <b>Maryland</b>       | 14.52               | (12.50 - 16.80)                       | 39.60               | (36.18 - 43.13)                       | 11.39             | (9.86 - 13.12)                      | 15.24             | (13.70 - 16.92)                     |
| Anne Arundel          | 15.30               | (11.59 - 19.93)                       | *                   | (* - *)                               | 11.35             | (8.49 - 15.02)                      | 15.30             | (12.14 - 19.09)                     |
| Baltimore City        | 13.89               | (10.55 - 18.07)                       | *                   | (* - *)                               | 18.01             | (14.33 - 22.38)                     | 21.57             | (17.91 - 25.73)                     |
| Baltimore County      | 14.88               | (11.48 - 19.07)                       | *                   | (* - *)                               | 10.68             | (8.03 - 14.07)                      | 14.42             | (11.50 - 17.93)                     |
| Montgomery            | 12.78               | (9.80 - 16.51)                        | *                   | (* - *)                               | 9.52              | (7.35 - 12.24)                      | 12.55             | (10.18 - 15.38)                     |
| North Central         | 12.90               | (9.73 - 16.92)                        | *                   | (* - *)                               | 8.50              | (6.18 - 11.60)                      | 12.08             | (9.43 - 15.34)                      |
| Northeast             | 17.10               | (12.96 - 22.21)                       | *                   | (* - *)                               | 11.67             | (8.65 - 15.55)                      | 15.51             | (12.22 - 19.49)                     |
| Prince George's       | 16.45               | (12.59 - 21.21)                       | *                   | (* - *)                               | 13.27             | (10.22 - 17.05)                     | 18.45             | (15.29 - 22.09)                     |
| South                 | 13.13               | (9.93 - 17.17)                        | *                   | (* - *)                               | 8.92              | (6.51 - 12.10)                      | 12.71             | (9.95 - 16.10)                      |
| West                  | 14.99               | (11.65 - 19.08)                       | *                   | (* - *)                               | 10.44             | (7.79 - 13.85)                      | 14.00             | (11.09 - 17.52)                     |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 15.31               | (13.11 - 17.80)                       | 42.37               | (38.83 - 45.99)                       | 14.77             | (12.98 - 16.76)                     | 18.87             | (17.14 - 20.72)                     |
| Boston                | 12.53               | (9.41 - 16.48)                        | *                   | (* - *)                               | 18.18             | (14.34 - 22.77)                     | 23.70             | (19.77 - 28.14)                     |
| Central               | 15.38               | (11.82 - 19.77)                       | *                   | (* - *)                               | 13.85             | (10.75 - 17.65)                     | 17.31             | (14.15 - 21.00)                     |
| Metrowest             | 15.21               | (11.98 - 19.11)                       | 45.21               | (38.61 - 51.99)                       | 14.93             | (12.16 - 18.20)                     | 19.03             | (16.19 - 22.24)                     |
| Northeast             | 15.56               | (12.26 - 19.54)                       | 39.90               | (33.53 - 46.63)                       | 13.23             | (10.65 - 16.33)                     | 16.78             | (14.12 - 19.82)                     |
| Southeast             | 15.79               | (12.29 - 20.05)                       | *                   | (* - *)                               | 14.05             | (11.05 - 17.70)                     | 17.37             | (14.30 - 20.93)                     |
| Western               | 16.32               | (12.66 - 20.78)                       | *                   | (* - *)                               | 15.77             | (12.31 - 19.97)                     | 20.72             | (17.20 - 24.74)                     |
| <b>Michigan</b>       | 14.24               | (12.82 - 15.78)                       | 34.72               | (32.55 - 36.95)                       | 12.32             | (11.18 - 13.55)                     | 15.59             | (14.54 - 16.70)                     |
| Region 1              | 14.25               | (10.94 - 18.37)                       | *                   | (* - *)                               | 11.93             | (9.03 - 15.61)                      | 14.98             | (11.92 - 18.68)                     |
| Region 2              | 13.48               | (10.26 - 17.51)                       | *                   | (* - *)                               | 9.45              | (7.00 - 12.64)                      | 11.60             | (8.97 - 14.88)                      |
| Region 3              | 15.35               | (12.65 - 18.50)                       | 36.18               | (31.26 - 41.41)                       | 12.27             | (10.05 - 14.90)                     | 15.92             | (13.70 - 18.43)                     |
| Region 4              | 15.41               | (12.39 - 19.02)                       | 33.63               | (28.58 - 39.09)                       | 11.60             | (9.31 - 14.36)                      | 14.92             | (12.59 - 17.60)                     |
| Region 5              | 13.00               | (10.68 - 15.73)                       | 33.52               | (29.25 - 38.08)                       | 11.61             | (9.66 - 13.89)                      | 15.33             | (13.41 - 17.47)                     |
| Region 6              | 13.76               | (10.90 - 17.22)                       | 37.59               | (31.68 - 43.90)                       | 12.61             | (9.98 - 15.82)                      | 16.77             | (14.08 - 19.86)                     |
| Region 7              | 13.90               | (11.37 - 16.88)                       | 34.72               | (30.20 - 39.53)                       | 14.17             | (11.83 - 16.89)                     | 17.24             | (14.98 - 19.76)                     |
| Region 8              | 13.92               | (11.23 - 17.13)                       | 34.19               | (28.98 - 39.80)                       | 11.62             | (9.45 - 14.22)                      | 14.41             | (12.23 - 16.91)                     |
| Region 9              | 15.24               | (12.11 - 19.00)                       | 36.96               | (31.26 - 43.04)                       | 13.33             | (10.71 - 16.47)                     | 16.32             | (13.70 - 19.32)                     |
| Region 10             | 14.80               | (11.73 - 18.49)                       | 35.03               | (28.94 - 41.65)                       | 12.40             | (9.84 - 15.51)                      | 15.46             | (12.80 - 18.55)                     |
| <b>Minnesota</b>      | 12.37               | (10.55 - 14.45)                       | 32.62               | (29.54 - 35.86)                       | 9.58              | (8.18 - 11.21)                      | 12.76             | (11.38 - 14.29)                     |
| Regions 1 and 2       | 12.29               | (9.62 - 15.57)                        | *                   | (* - *)                               | 9.55              | (7.25 - 12.48)                      | 12.46             | (9.95 - 15.49)                      |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | 8.30              | (5.80 - 11.74)                      | 10.90             | (8.07 - 14.58)                      |
| Region 2              | 12.64               | (9.28 - 16.99)                        | *                   | (* - *)                               | 10.29             | (7.36 - 14.22)                      | 13.39             | (10.13 - 17.49)                     |
| Regions 3 and 4       | 12.78               | (10.19 - 15.90)                       | 29.85               | (24.68 - 35.58)                       | 8.39              | (6.53 - 10.70)                      | 11.44             | (9.42 - 13.83)                      |
| Region 3              | 13.69               | (10.05 - 18.38)                       | *                   | (* - *)                               | 8.59              | (6.01 - 12.13)                      | 11.63             | (8.59 - 15.56)                      |
| Region 4              | 12.35               | (9.38 - 16.09)                        | *                   | (* - *)                               | 8.27              | (6.16 - 11.03)                      | 11.34             | (9.02 - 14.16)                      |
| Regions 5 and 6       | 12.35               | (9.77 - 15.48)                        | 29.02               | (24.39 - 34.12)                       | 7.99              | (6.23 - 10.20)                      | 11.06             | (9.14 - 13.31)                      |
| Region 5              | 11.65               | (8.70 - 15.42)                        | *                   | (* - *)                               | 7.56              | (5.47 - 10.34)                      | 10.55             | (8.25 - 13.41)                      |
| Region 6              | 13.03               | (9.73 - 17.24)                        | *                   | (* - *)                               | 8.44              | (6.13 - 11.50)                      | 11.57             | (8.95 - 14.84)                      |
| Region 7              | 12.26               | (10.22 - 14.65)                       | 35.07               | (31.19 - 39.15)                       | 10.50             | (8.80 - 12.47)                      | 13.82             | (12.12 - 15.70)                     |
| Region 7A (Hennepin)  | 12.81               | (10.07 - 16.17)                       | 40.65               | (34.52 - 47.10)                       | 12.51             | (9.98 - 15.57)                      | 16.21             | (13.61 - 19.19)                     |
| Region 7B (Ramsey)    | 10.17               | (7.63 - 13.43)                        | *                   | (* - *)                               | 10.43             | (7.73 - 13.92)                      | 13.64             | (10.77 - 17.14)                     |
| Region 7C             | 12.57               | (9.76 - 16.04)                        | 31.60               | (25.83 - 38.00)                       | 8.47              | (6.49 - 10.99)                      | 11.45             | (9.34 - 13.96)                      |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 9.55                | (7.99 - 11.38)                        | 23.52               | (20.73 - 26.57)                       | 6.60              | (5.47 - 7.94)                       | 9.17              | (8.01 - 10.48)                      |
| Region 1                               | 10.54               | (8.22 - 13.42)                        | 26.47               | (21.40 - 32.24)                       | 7.12              | (5.41 - 9.32)                       | 10.05             | (8.17 - 12.31)                      |
| Region 2                               | 9.40                | (6.91 - 12.66)                        | *                   | (* - *)                               | 7.88              | (5.77 - 10.66)                      | 10.10             | (7.80 - 12.98)                      |
| Region 3                               | 8.11                | (5.94 - 10.98)                        | 20.46               | (15.65 - 26.30)                       | 5.26              | (3.75 - 7.33)                       | 7.85              | (6.05 - 10.13)                      |
| Region 4                               | 9.60                | (7.23 - 12.63)                        | 25.55               | (20.31 - 31.60)                       | 6.54              | (4.78 - 8.90)                       | 9.39              | (7.40 - 11.83)                      |
| Region 5                               | 9.19                | (6.65 - 12.58)                        | *                   | (* - *)                               | 7.60              | (5.21 - 10.95)                      | 9.85              | (7.16 - 13.40)                      |
| Region 6                               | 9.43                | (7.00 - 12.59)                        | *                   | (* - *)                               | 6.41              | (4.60 - 8.86)                       | 8.86              | (6.80 - 11.48)                      |
| Region 7                               | 9.62                | (7.06 - 12.99)                        | *                   | (* - *)                               | 5.85              | (4.19 - 8.11)                       | 8.08              | (6.17 - 10.53)                      |
| <b>Missouri</b>                        | 12.11               | (10.31 - 14.18)                       | 32.44               | (29.35 - 35.68)                       | 10.21             | (8.73 - 11.92)                      | 13.39             | (11.93 - 14.99)                     |
| Central                                | 10.34               | (7.79 - 13.59)                        | *                   | (* - *)                               | 8.20              | (6.09 - 10.96)                      | 12.09             | (9.72 - 14.93)                      |
| Eastern                                | 13.45               | (10.95 - 16.41)                       | 34.76               | (30.04 - 39.81)                       | 11.39             | (9.36 - 13.80)                      | 14.56             | (12.51 - 16.89)                     |
| Eastern (St. Louis City and<br>County) | 13.07               | (10.17 - 16.65)                       | 36.12               | (29.96 - 42.77)                       | 12.79             | (10.14 - 16.01)                     | 16.00             | (13.31 - 19.12)                     |
| Eastern (excluding St. Louis)          | 13.98               | (10.68 - 18.10)                       | *                   | (* - *)                               | 9.00              | (6.79 - 11.83)                      | 12.08             | (9.67 - 15.00)                      |
| Northwest                              | 13.09               | (10.53 - 16.15)                       | 36.14               | (30.92 - 41.71)                       | 11.49             | (9.32 - 14.09)                      | 14.92             | (12.68 - 17.49)                     |
| Northwest (Jackson)                    | 13.84               | (10.60 - 17.86)                       | *                   | (* - *)                               | 14.26             | (11.07 - 18.19)                     | 17.60             | (14.34 - 21.42)                     |
| Northwest (excluding Jackson)          | 12.49               | (9.44 - 16.36)                        | *                   | (* - *)                               | 9.12              | (6.82 - 12.09)                      | 12.66             | (10.11 - 15.75)                     |
| Southeast                              | 10.24               | (7.61 - 13.66)                        | *                   | (* - *)                               | 8.43              | (6.22 - 11.32)                      | 10.92             | (8.52 - 13.90)                      |
| Southwest                              | 10.48               | (7.82 - 13.91)                        | *                   | (* - *)                               | 8.66              | (6.45 - 11.53)                      | 11.38             | (9.01 - 14.28)                      |
| <b>Montana</b>                         | 15.48               | (13.38 - 17.85)                       | 35.18               | (32.08 - 38.40)                       | 14.16             | (12.39 - 16.12)                     | 17.12             | (15.46 - 18.91)                     |
| Region 1                               | 13.45               | (10.06 - 17.75)                       | *                   | (* - *)                               | 10.34             | (7.57 - 13.97)                      | 12.58             | (9.64 - 16.25)                      |
| Region 2                               | 13.62               | (10.52 - 17.46)                       | 26.39               | (20.93 - 32.69)                       | 11.64             | (8.95 - 15.01)                      | 13.80             | (11.09 - 17.05)                     |
| Region 3                               | 14.96               | (11.81 - 18.77)                       | 28.29               | (23.00 - 34.26)                       | 11.28             | (8.88 - 14.24)                      | 13.49             | (11.09 - 16.31)                     |
| Region 4                               | 15.95               | (12.72 - 19.81)                       | 39.19               | (33.76 - 44.90)                       | 15.63             | (12.79 - 18.98)                     | 19.17             | (16.43 - 22.24)                     |
| Region 5                               | 17.07               | (13.87 - 20.84)                       | 41.46               | (36.24 - 46.89)                       | 16.96             | (14.09 - 20.28)                     | 20.43             | (17.68 - 23.50)                     |
| <b>Nebraska</b>                        | 11.60               | (9.81 - 13.68)                        | 30.28               | (26.99 - 33.78)                       | 7.62              | (6.35 - 9.12)                       | 11.06             | (9.75 - 12.53)                      |
| Regions 1 and 2                        | 11.75               | (9.02 - 15.17)                        | *                   | (* - *)                               | 6.43              | (4.68 - 8.76)                       | 9.12              | (7.08 - 11.66)                      |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | 6.82              | (4.68 - 9.84)                       | 9.53              | (7.01 - 12.83)                      |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | 6.08              | (4.08 - 8.97)                       | 8.75              | (6.31 - 12.02)                      |
| Region 3                               | 10.32               | (7.83 - 13.49)                        | *                   | (* - *)                               | 5.85              | (4.23 - 8.04)                       | 8.90              | (6.96 - 11.32)                      |
| Region 4                               | 9.78                | (7.24 - 13.09)                        | *                   | (* - *)                               | 5.48              | (3.86 - 7.73)                       | 8.04              | (6.11 - 10.50)                      |
| Region 5                               | 11.42               | (8.82 - 14.66)                        | 30.93               | (25.20 - 37.31)                       | 7.72              | (5.91 - 10.02)                      | 11.64             | (9.56 - 14.10)                      |
| Region 6                               | 12.49               | (9.97 - 15.54)                        | 33.57               | (28.85 - 38.65)                       | 8.95              | (7.11 - 11.21)                      | 12.63             | (10.72 - 14.82)                     |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 14.47               | (12.27 - 16.99)                       | 30.11               | (26.86 - 33.57)                       | 10.29             | (8.71 - 12.11)                      | 12.90             | (11.38 - 14.59)                     |
| Clark – Region 1        | 13.62               | (11.22 - 16.44)                       | 29.21               | (25.43 - 33.30)                       | 9.91              | (8.18 - 11.96)                      | 12.49             | (10.81 - 14.40)                     |
| Region 3                | 16.11               | (12.44 - 20.61)                       | *                   | (* - *)                               | 9.21              | (6.87 - 12.25)                      | 11.48             | (8.96 - 14.60)                      |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | 10.07             | (6.92 - 14.44)                      | 12.54             | (9.08 - 17.08)                      |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | 8.41              | (5.91 - 11.84)                      | 10.52             | (7.78 - 14.06)                      |
| Washoe – Region 2       | 17.27               | (13.49 - 21.84)                       | 35.15               | (29.01 - 41.83)                       | 12.87             | (9.97 - 16.46)                      | 15.89             | (12.97 - 19.33)                     |
| <b>New Hampshire</b>    | 15.83               | (13.65 - 18.28)                       | 42.25               | (38.68 - 45.89)                       | 14.40             | (12.57 - 16.44)                     | 18.17             | (16.44 - 20.04)                     |
| Central                 | 14.22               | (11.59 - 17.33)                       | 39.77               | (35.07 - 44.68)                       | 13.84             | (11.43 - 16.65)                     | 17.58             | (15.24 - 20.19)                     |
| Central 1               | 15.12               | (11.74 - 19.27)                       | *                   | (* - *)                               | 15.27             | (12.12 - 19.07)                     | 19.71             | (16.52 - 23.35)                     |
| Central 2               | 13.40               | (10.34 - 17.18)                       | 35.89               | (30.07 - 42.16)                       | 12.47             | (9.56 - 16.11)                      | 15.47             | (12.59 - 18.86)                     |
| Northern                | 17.88               | (14.01 - 22.55)                       | *                   | (* - *)                               | 16.31             | (12.71 - 20.68)                     | 20.84             | (17.19 - 25.03)                     |
| Southern                | 16.17               | (13.66 - 19.05)                       | 42.06               | (37.34 - 46.93)                       | 14.24             | (12.13 - 16.65)                     | 17.87             | (15.81 - 20.13)                     |
| Southern 1 (Rockingham) | 14.55               | (11.39 - 18.39)                       | *                   | (* - *)                               | 12.73             | (10.05 - 15.99)                     | 16.20             | (13.43 - 19.42)                     |
| Southern 2              | 17.23               | (14.21 - 20.73)                       | 42.08               | (36.48 - 47.90)                       | 15.21             | (12.56 - 18.29)                     | 18.90             | (16.33 - 21.78)                     |
| <b>New Jersey</b>       | 11.49               | (9.95 - 13.24)                        | 34.31               | (31.48 - 37.25)                       | 8.91              | (7.73 - 10.26)                      | 12.23             | (11.06 - 13.50)                     |
| Central                 | 11.66               | (9.19 - 14.69)                        | 35.77               | (30.36 - 41.56)                       | 8.15              | (6.37 - 10.37)                      | 11.62             | (9.71 - 13.86)                      |
| Metropolitan            | 10.21               | (8.08 - 12.83)                        | 31.17               | (26.26 - 36.54)                       | 8.59              | (6.71 - 10.93)                      | 11.74             | (9.79 - 14.03)                      |
| Northern                | 11.44               | (9.32 - 13.95)                        | 31.35               | (27.06 - 35.99)                       | 9.12              | (7.48 - 11.07)                      | 11.90             | (10.25 - 13.77)                     |
| Southern                | 12.89               | (10.29 - 16.04)                       | 40.90               | (35.39 - 46.65)                       | 9.82              | (7.82 - 12.26)                      | 13.97             | (11.88 - 16.36)                     |
| <b>New Mexico</b>       | 15.27               | (13.14 - 17.67)                       | 33.22               | (29.91 - 36.70)                       | 13.21             | (11.40 - 15.26)                     | 16.11             | (14.38 - 18.00)                     |
| Region 1                | 14.64               | (11.42 - 18.59)                       | 30.69               | (24.87 - 37.20)                       | 11.66             | (8.95 - 15.04)                      | 14.43             | (11.67 - 17.70)                     |
| Region 2                | 17.67               | (13.68 - 22.52)                       | *                   | (* - *)                               | 16.74             | (12.87 - 21.50)                     | 19.68             | (15.78 - 24.26)                     |
| Region 3 (Bernalillo)   | 16.21               | (13.03 - 20.00)                       | 35.78               | (30.78 - 41.11)                       | 15.01             | (12.26 - 18.25)                     | 17.94             | (15.31 - 20.91)                     |
| Region 4                | 13.49               | (10.32 - 17.45)                       | *                   | (* - *)                               | 9.75              | (7.26 - 12.96)                      | 12.61             | (9.91 - 15.92)                      |
| Region 5                | 14.23               | (11.52 - 17.47)                       | 30.78               | (25.81 - 36.25)                       | 11.23             | (8.92 - 14.04)                      | 14.36             | (11.98 - 17.12)                     |
| Region 5a               | 15.55               | (12.00 - 19.92)                       | *                   | (* - *)                               | 12.86             | (9.73 - 16.81)                      | 15.53             | (12.29 - 19.43)                     |
| Region 5b (Dona Ana)    | 13.18               | (9.99 - 17.20)                        | *                   | (* - *)                               | 9.63              | (7.02 - 13.08)                      | 13.28             | (10.38 - 16.84)                     |

See notes at end of table.

(continued)



**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 12.71               | (11.48 - 14.06)                       | 35.82               | (33.79 - 37.91)                       | 11.72             | (10.73 - 12.79)                     | 15.20             | (14.27 - 16.18)                     |
| Region 1: Long Island                          | 13.78               | (11.42 - 16.55)                       | 37.89               | (33.13 - 42.90)                       | 9.66              | (7.93 - 11.72)                      | 13.52             | (11.71 - 15.56)                     |
| Region 2: New York City                        | 11.50               | (10.03 - 13.15)                       | 33.71               | (30.91 - 36.63)                       | 12.87             | (11.51 - 14.37)                     | 15.78             | (14.46 - 17.19)                     |
| Region 2A: Bronx                               | 10.63               | (8.35 - 13.45)                        | 26.63               | (21.78 - 32.12)                       | 8.59              | (6.68 - 10.98)                      | 11.63             | (9.56 - 14.08)                      |
| Region 2B: Kings                               | 12.11               | (9.68 - 15.04)                        | 34.90               | (30.08 - 40.06)                       | 14.73             | (12.38 - 17.44)                     | 17.64             | (15.33 - 20.21)                     |
| Region 2C: New York                            | 14.80               | (11.63 - 18.66)                       | 48.16               | (42.28 - 54.10)                       | 19.41             | (16.33 - 22.92)                     | 23.10             | (20.12 - 26.38)                     |
| Region 2D: Queens                              | 9.81                | (7.68 - 12.44)                        | 26.73               | (21.99 - 32.07)                       | 9.04              | (7.22 - 11.25)                      | 11.29             | (9.42 - 13.47)                      |
| Region 2E: Richmond                            | 11.24               | (8.54 - 14.64)                        | *                   | (* - *)                               | 8.98              | (6.71 - 11.92)                      | 12.29             | (9.72 - 15.43)                      |
| Region 3: Mid-Hudson                           | 12.20               | (9.83 - 15.04)                        | 34.02               | (29.02 - 39.41)                       | 9.37              | (7.58 - 11.53)                      | 12.93             | (11.04 - 15.08)                     |
| Region 4: Capital Region                       | 15.24               | (12.08 - 19.05)                       | *                   | (* - *)                               | 13.80             | (11.05 - 17.09)                     | 18.41             | (15.57 - 21.63)                     |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | 10.45             | (7.77 - 13.93)                      | 14.01             | (10.97 - 17.71)                     |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | 12.16             | (9.26 - 15.81)                      | 15.68             | (12.47 - 19.54)                     |
| Region 7: Tug Hill Seaway                      | 10.75               | (8.02 - 14.25)                        | *                   | (* - *)                               | 8.90              | (6.53 - 12.01)                      | 12.49             | (9.68 - 15.97)                      |
| Region 8: Central                              | 13.93               | (11.11 - 17.33)                       | 36.32               | (30.32 - 42.78)                       | 11.36             | (9.13 - 14.06)                      | 15.37             | (12.96 - 18.14)                     |
| Region 9: Southern Tier                        | 12.96               | (9.91 - 16.79)                        | *                   | (* - *)                               | 11.62             | (8.81 - 15.18)                      | 17.29             | (14.15 - 20.97)                     |
| Region 10: Finger Lakes                        | 14.19               | (11.41 - 17.52)                       | 38.22               | (32.58 - 44.19)                       | 11.52             | (9.33 - 14.14)                      | 15.55             | (13.25 - 18.16)                     |
| Region 11: Western                             | 13.78               | (11.23 - 16.79)                       | 36.98               | (31.90 - 42.36)                       | 12.28             | (10.30 - 14.59)                     | 15.91             | (13.90 - 18.14)                     |
| <b>North Carolina</b>                          | 11.33               | (9.89 - 12.95)                        | 30.59               | (28.09 - 33.20)                       | 9.07              | (7.91 - 10.38)                      | 12.08             | (10.94 - 13.33)                     |
| Alliance Behavioral<br>Healthcare 1            | 10.67               | (8.23 - 13.72)                        | 30.46               | (24.64 - 36.97)                       | 9.15              | (6.89 - 12.06)                      | 12.46             | (9.98 - 15.46)                      |
| Alliance Behavioral<br>Healthcare 2            | 10.72               | (8.25 - 13.83)                        | *                   | (* - *)                               | 9.48              | (7.16 - 12.46)                      | 12.33             | (9.86 - 15.33)                      |
| Cardinal Innovations<br>Healthcare Solutions 1 | 11.49               | (8.78 - 14.92)                        | *                   | (* - *)                               | 8.28              | (6.19 - 10.99)                      | 11.09             | (8.75 - 13.96)                      |
| Cardinal Innovations<br>Healthcare Solutions 2 | 10.33               | (7.69 - 13.73)                        | *                   | (* - *)                               | 8.13              | (6.05 - 10.83)                      | 10.95             | (8.66 - 13.75)                      |
| Cardinal Innovations<br>Healthcare Solutions 3 | 11.75               | (8.99 - 15.22)                        | 34.20               | (28.56 - 40.33)                       | 11.13             | (8.64 - 14.21)                      | 14.27             | (11.71 - 17.28)                     |
| CenterPoint Human Services                     | 10.83               | (8.23 - 14.12)                        | *                   | (* - *)                               | 8.65              | (6.36 - 11.67)                      | 11.42             | (8.92 - 14.50)                      |
| Eastpointe                                     | 10.23               | (7.77 - 13.37)                        | 23.78               | (18.53 - 29.97)                       | 7.62              | (5.66 - 10.18)                      | 9.86              | (7.71 - 12.52)                      |
| Partners Behavioral Health<br>Management       | 12.35               | (9.51 - 15.89)                        | *                   | (* - *)                               | 8.98              | (6.72 - 11.90)                      | 11.80             | (9.31 - 14.86)                      |
| Sandhills Center 1                             | *                   | (* - *)                               | *                   | (* - *)                               | 9.21              | (6.72 - 12.49)                      | 12.04             | (9.28 - 15.49)                      |
| Sandhills Center 2                             | 12.25               | (9.27 - 16.02)                        | *                   | (* - *)                               | 10.34             | (7.69 - 13.77)                      | 14.22             | (11.20 - 17.90)                     |
| Smoky Mountain Center 1                        | 11.61               | (8.73 - 15.26)                        | *                   | (* - *)                               | 8.44              | (6.31 - 11.21)                      | 11.57             | (9.19 - 14.47)                      |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 8.06              | (5.89 - 10.93)                      | 10.20             | (7.80 - 13.24)                      |
| Trillium Health Resources 1                    | 11.38               | (8.60 - 14.91)                        | 29.95               | (24.22 - 36.39)                       | 8.91              | (6.74 - 11.69)                      | 12.24             | (9.87 - 15.09)                      |
| Trillium Health Resources 2                    | *                   | (* - *)                               | *                   | (* - *)                               | 9.96              | (7.33 - 13.41)                      | 14.29             | (11.28 - 17.93)                     |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 11.24               | (9.40 - 13.38)                        | 25.16               | (22.40 - 28.14)                       | 6.06              | (4.97 - 7.36)                       | 9.50              | (8.38 - 10.75)                      |
| Badlands and West Central     | 12.10               | (9.64 - 15.10)                        | 24.43               | (19.98 - 29.51)                       | 6.21              | (4.78 - 8.03)                       | 8.88              | (7.29 - 10.78)                      |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | 5.01              | (3.34 - 7.44)                       | 7.57              | (5.43 - 10.46)                      |
| West Central                  | 12.27               | (9.57 - 15.62)                        | 25.16               | (20.00 - 31.13)                       | 6.56              | (4.95 - 8.65)                       | 9.27              | (7.46 - 11.46)                      |
| Lake Region                   | 10.17               | (7.27 - 14.06)                        | *                   | (* - *)                               | 5.34              | (3.60 - 7.84)                       | 7.35              | (5.30 - 10.10)                      |
| North Central                 | 10.96               | (8.12 - 14.63)                        | *                   | (* - *)                               | 6.00              | (4.28 - 8.34)                       | 9.80              | (7.62 - 12.52)                      |
| Northeast                     | 12.29               | (9.30 - 16.08)                        | 29.26               | (23.94 - 35.21)                       | 6.77              | (4.98 - 9.16)                       | 12.34             | (10.09 - 15.00)                     |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | 6.25              | (4.22 - 9.16)                       | 8.86              | (6.37 - 12.20)                      |
| South Central                 | 10.24               | (7.41 - 13.99)                        | *                   | (* - *)                               | 4.25              | (2.84 - 6.32)                       | 6.67              | (4.83 - 9.15)                       |
| Southeast                     | 10.37               | (8.01 - 13.32)                        | 24.28               | (20.31 - 28.75)                       | 6.30              | (4.78 - 8.26)                       | 10.00             | (8.35 - 11.94)                      |
| <b>Ohio</b>                   | 11.71               | (10.44 - 13.11)                       | 32.14               | (30.05 - 34.30)                       | 9.75              | (8.75 - 10.85)                      | 12.86             | (11.92 - 13.87)                     |
| Boards 2, 46, 55, and 68      | 11.10               | (8.40 - 14.53)                        | *                   | (* - *)                               | 7.49              | (5.43 - 10.24)                      | 10.22             | (7.86 - 13.18)                      |
| Boards 3, 52, and 85          | 10.50               | (7.78 - 14.03)                        | *                   | (* - *)                               | 7.10              | (5.08 - 9.85)                       | 9.74              | (7.33 - 12.83)                      |
| Boards 4 and 78               | 10.18               | (7.60 - 13.49)                        | *                   | (* - *)                               | 8.08              | (5.97 - 10.84)                      | 10.47             | (8.10 - 13.43)                      |
| Boards 5 and 60               | 11.22               | (8.46 - 14.74)                        | *                   | (* - *)                               | 9.89              | (7.31 - 13.25)                      | 13.99             | (11.11 - 17.48)                     |
| Boards 7, 15, 41, 79, and 84  | 10.03               | (7.53 - 13.25)                        | *                   | (* - *)                               | 8.28              | (6.05 - 11.22)                      | 10.42             | (7.96 - 13.52)                      |
| Boards 8, 13, and 83          | 10.28               | (7.77 - 13.48)                        | *                   | (* - *)                               | 6.73              | (4.82 - 9.32)                       | 9.06              | (6.86 - 11.90)                      |
| Board 9 (Butler)              | 11.97               | (9.19 - 15.46)                        | *                   | (* - *)                               | 9.91              | (7.36 - 13.23)                      | 13.73             | (10.85 - 17.23)                     |
| Board 12                      | 10.97               | (8.32 - 14.33)                        | *                   | (* - *)                               | 8.39              | (6.10 - 11.43)                      | 11.76             | (9.15 - 15.00)                      |
| Boards 18 and 47              | 12.71               | (10.22 - 15.69)                       | 36.82               | (31.70 - 42.26)                       | 11.05             | (8.98 - 13.53)                      | 14.49             | (12.39 - 16.87)                     |
| Boards 20, 32, 54, and 69     | 10.28               | (7.82 - 13.41)                        | *                   | (* - *)                               | 6.87              | (5.03 - 9.32)                       | 9.06              | (7.00 - 11.66)                      |
| Boards 21, 39, 51, 70, and 80 | 10.66               | (8.14 - 13.85)                        | *                   | (* - *)                               | 7.60              | (5.61 - 10.22)                      | 9.95              | (7.76 - 12.67)                      |
| Boards 22, 74, and 87         | 11.94               | (9.24 - 15.29)                        | *                   | (* - *)                               | 8.61              | (6.45 - 11.42)                      | 11.81             | (9.40 - 14.74)                      |
| Boards 23 and 45              | 10.59               | (8.04 - 13.83)                        | *                   | (* - *)                               | 8.03              | (5.93 - 10.79)                      | 10.77             | (8.43 - 13.64)                      |
| Board 25 (Franklin)           | 12.19               | (9.59 - 15.37)                        | 39.39               | (34.16 - 44.88)                       | 12.66             | (10.21 - 15.58)                     | 16.74             | (14.31 - 19.49)                     |
| Boards 27, 71, and 73         | 11.20               | (8.53 - 14.58)                        | *                   | (* - *)                               | 10.01             | (7.51 - 13.22)                      | 12.38             | (9.70 - 15.67)                      |
| Boards 28, 43, and 67         | 11.32               | (8.64 - 14.69)                        | *                   | (* - *)                               | 7.44              | (5.49 - 10.00)                      | 10.43             | (8.18 - 13.20)                      |
| Board 31 (Hamilton)           | 13.95               | (10.95 - 17.60)                       | 38.88               | (32.67 - 45.47)                       | 13.70             | (11.05 - 16.85)                     | 17.33             | (14.59 - 20.45)                     |
| Board 48 (Lucas)              | 13.21               | (10.04 - 17.19)                       | *                   | (* - *)                               | 12.20             | (9.19 - 16.01)                      | 15.07             | (11.95 - 18.84)                     |
| Boards 50 and 76              | 12.36               | (9.68 - 15.66)                        | *                   | (* - *)                               | 9.58              | (7.34 - 12.40)                      | 12.72             | (10.32 - 15.58)                     |
| Board 57 (Montgomery)         | 12.72               | (9.87 - 16.24)                        | *                   | (* - *)                               | 10.40             | (7.79 - 13.76)                      | 13.71             | (10.89 - 17.12)                     |
| Board 77 (Summit)             | 11.50               | (8.80 - 14.90)                        | *                   | (* - *)                               | 9.13              | (6.80 - 12.14)                      | 11.78             | (9.29 - 14.83)                      |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 11.50               | (9.65 - 13.66)                        | 27.63               | (24.75 - 30.72)                       | 8.03              | (6.71 - 9.59)                       | 10.97             | (9.65 - 12.44)                      |
| Central                               | 12.29               | (9.14 - 16.33)                        | *                   | (* - *)                               | 7.42              | (5.39 - 10.14)                      | 10.75             | (8.44 - 13.59)                      |
| East Central                          | 9.06                | (6.63 - 12.28)                        | *                   | (* - *)                               | 5.85              | (4.13 - 8.23)                       | 8.01              | (6.05 - 10.53)                      |
| Northeast                             | 11.49               | (8.50 - 15.35)                        | *                   | (* - *)                               | 7.31              | (5.22 - 10.15)                      | 10.34             | (7.96 - 13.33)                      |
| Northwest and Southwest               | 12.42               | (9.36 - 16.29)                        | *                   | (* - *)                               | 8.47              | (6.24 - 11.41)                      | 11.98             | (9.46 - 15.07)                      |
| Oklahoma County                       | 12.20               | (9.34 - 15.79)                        | 31.69               | (25.90 - 38.12)                       | 9.43              | (7.13 - 12.38)                      | 12.64             | (10.19 - 15.56)                     |
| Southeast                             | 10.21               | (7.61 - 13.58)                        | *                   | (* - *)                               | 6.61              | (4.81 - 9.02)                       | 8.83              | (6.80 - 11.40)                      |
| Tulsa County                          | 12.07               | (9.14 - 15.78)                        | 29.96               | (24.12 - 36.54)                       | 9.76              | (7.40 - 12.75)                      | 12.64             | (10.18 - 15.60)                     |
| <b>Oregon</b>                         | 18.07               | (15.76 - 20.63)                       | 42.99               | (39.68 - 46.36)                       | 18.46             | (16.54 - 20.55)                     | 21.72             | (19.92 - 23.63)                     |
| Region 1 (Multnomah)                  | 19.45               | (15.55 - 24.05)                       | 46.53               | (39.93 - 53.26)                       | 26.88             | (23.01 - 31.14)                     | 29.33             | (25.62 - 33.33)                     |
| Region 2                              | 15.70               | (12.56 - 19.44)                       | 41.26               | (35.45 - 47.33)                       | 15.72             | (12.88 - 19.05)                     | 18.98             | (16.20 - 22.13)                     |
| Region 3                              | 18.87               | (15.36 - 22.98)                       | 42.84               | (37.84 - 47.99)                       | 17.13             | (14.26 - 20.44)                     | 21.05             | (18.31 - 24.07)                     |
| Region 4                              | 18.89               | (14.85 - 23.71)                       | *                   | (* - *)                               | 16.04             | (12.88 - 19.81)                     | 19.20             | (16.02 - 22.83)                     |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | 15.74             | (11.48 - 21.18)                     | 18.84             | (14.36 - 24.31)                     |
| Region 6 (Eastern)                    | 18.79               | (14.43 - 24.10)                       | *                   | (* - *)                               | 15.83             | (12.04 - 20.52)                     | 19.01             | (15.11 - 23.64)                     |
| <b>Pennsylvania</b>                   | 11.27               | (9.99 - 12.69)                        | 32.44               | (30.40 - 34.55)                       | 9.98              | (8.97 - 11.09)                      | 13.05             | (12.10 - 14.07)                     |
| Region 1 (Allegheny)                  | 12.70               | (10.05 - 15.93)                       | 37.50               | (31.70 - 43.68)                       | 12.31             | (9.95 - 15.14)                      | 15.47             | (13.05 - 18.25)                     |
| Regions 3, 8, 9, and 51               | 11.40               | (8.84 - 14.58)                        | 32.88               | (27.01 - 39.35)                       | 8.70              | (6.66 - 11.30)                      | 11.98             | (9.77 - 14.60)                      |
| Regions 4, 11, 37, and 49             | 11.60               | (9.02 - 14.80)                        | *                   | (* - *)                               | 9.99              | (7.68 - 12.89)                      | 12.64             | (10.16 - 15.60)                     |
| Regions 5, 18, 23, 24, and 46         | 9.12                | (6.96 - 11.87)                        | 23.93               | (19.03 - 29.64)                       | 7.30              | (5.52 - 9.60)                       | 9.43              | (7.52 - 11.77)                      |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 11.09               | (8.62 - 14.17)                        | 35.07               | (29.30 - 41.32)                       | 10.06             | (7.66 - 13.11)                      | 14.63             | (12.01 - 17.71)                     |
| Regions 7, 13, 20, and 33             | 12.87               | (10.50 - 15.67)                       | 38.53               | (33.90 - 43.38)                       | 8.91              | (7.25 - 10.91)                      | 12.73             | (11.04 - 14.64)                     |
| Regions 10, 15, 27, 32, 43, and 44    | 8.78                | (6.49 - 11.77)                        | *                   | (* - *)                               | 7.07              | (5.11 - 9.70)                       | 8.90              | (6.77 - 11.63)                      |
| Regions 17 and 21                     | 9.78                | (7.37 - 12.87)                        | *                   | (* - *)                               | 8.92              | (6.56 - 12.02)                      | 11.35             | (8.80 - 14.53)                      |
| Regions 19, 26, 28, and 42            | 10.00               | (7.88 - 12.61)                        | 25.53               | (21.32 - 30.25)                       | 7.65              | (6.01 - 9.68)                       | 9.97              | (8.27 - 11.98)                      |
| Regions 22, 38, 40, 41, and 48        | 10.27               | (7.84 - 13.34)                        | 25.57               | (20.09 - 31.96)                       | 7.77              | (5.86 - 10.25)                      | 9.78              | (7.73 - 12.32)                      |
| Regions 29 and 34                     | 10.52               | (8.04 - 13.64)                        | *                   | (* - *)                               | 8.78              | (6.47 - 11.80)                      | 11.59             | (9.07 - 14.69)                      |
| Regions 30 and 50                     | 9.68                | (7.35 - 12.64)                        | *                   | (* - *)                               | 9.03              | (6.82 - 11.86)                      | 11.43             | (9.06 - 14.32)                      |
| Region 36 (Philadelphia)              | 12.21               | (9.58 - 15.44)                        | 38.42               | (33.41 - 43.69)                       | 17.59             | (14.53 - 21.13)                     | 21.14             | (18.21 - 24.39)                     |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 16.08               | (13.74 - 18.73)                       | 41.96               | (38.27 - 45.74)                       | 16.01             | (14.07 - 18.17)                     | 20.04             | (18.18 - 22.04)                     |
| Region 1: Southern Providence<br>County                   | 14.35               | (10.99 - 18.51)                       | *                   | (* - *)                               | 15.01             | (11.83 - 18.85)                     | 18.29             | (15.03 - 22.07)                     |
| Region 2: Northern Providence<br>County/Blackstone Valley | 15.41               | (12.08 - 19.44)                       | 39.76               | (33.40 - 46.49)                       | 15.79             | (12.63 - 19.58)                     | 18.86             | (15.72 - 22.46)                     |
| Region 3: Providence                                      | 14.39               | (10.97 - 18.67)                       | *                   | (* - *)                               | 17.00             | (13.35 - 21.40)                     | 22.80             | (19.09 - 27.00)                     |
| Region 4: Kent County                                     | 17.16               | (13.24 - 21.94)                       | *                   | (* - *)                               | 14.65             | (11.51 - 18.46)                     | 17.67             | (14.48 - 21.39)                     |
| Region 5: East Bay                                        | 19.46               | (14.93 - 24.98)                       | *                   | (* - *)                               | 20.17             | (15.91 - 25.24)                     | 23.86             | (19.59 - 28.73)                     |
| Region 6: Newport County                                  | 17.40               | (13.29 - 22.46)                       | *                   | (* - *)                               | 15.19             | (11.60 - 19.66)                     | 19.20             | (15.38 - 23.70)                     |
| Region 7: South County                                    | 17.59               | (13.48 - 22.64)                       | *                   | (* - *)                               | 16.02             | (12.44 - 20.40)                     | 21.79             | (18.06 - 26.04)                     |
| <b>South Carolina</b>                                     | 10.94               | (9.26 - 12.89)                        | 29.07               | (26.01 - 32.33)                       | 8.51              | (7.21 - 10.02)                      | 11.38             | (10.08 - 12.82)                     |
| Region 1                                                  | 10.51               | (8.19 - 13.40)                        | 24.10               | (19.70 - 29.12)                       | 7.13              | (5.45 - 9.27)                       | 9.50              | (7.74 - 11.61)                      |
| Region 2                                                  | 10.39               | (8.14 - 13.18)                        | 31.58               | (26.31 - 37.36)                       | 9.46              | (7.38 - 12.06)                      | 12.74             | (10.57 - 15.28)                     |
| Region 3                                                  | 10.41               | (8.02 - 13.41)                        | 24.81               | (19.49 - 31.01)                       | 8.15              | (6.16 - 10.70)                      | 10.29             | (8.17 - 12.88)                      |
| Region 4                                                  | 12.35               | (9.67 - 15.65)                        | 35.02               | (29.39 - 41.12)                       | 9.50              | (7.51 - 11.95)                      | 13.03             | (10.93 - 15.47)                     |
| <b>South Dakota</b>                                       | 11.65               | (9.88 - 13.69)                        | 27.25               | (24.29 - 30.43)                       | 8.24              | (6.92 - 9.80)                       | 11.06             | (9.75 - 12.53)                      |
| Region 1                                                  | 14.31               | (11.21 - 18.08)                       | 33.44               | (27.77 - 39.63)                       | 10.93             | (8.59 - 13.83)                      | 14.13             | (11.71 - 16.94)                     |
| Region 2                                                  | 10.27               | (7.52 - 13.89)                        | *                   | (* - *)                               | 7.81              | (5.52 - 10.95)                      | 9.83              | (7.32 - 13.09)                      |
| Region 3                                                  | 10.49               | (8.10 - 13.50)                        | 24.54               | (19.85 - 29.93)                       | 6.48              | (4.80 - 8.71)                       | 9.50              | (7.65 - 11.74)                      |
| Region 4                                                  | 11.65               | (8.84 - 15.20)                        | *                   | (* - *)                               | 7.95              | (5.91 - 10.60)                      | 11.66             | (9.37 - 14.43)                      |
| Region 5                                                  | 10.73               | (8.28 - 13.81)                        | 23.59               | (19.18 - 28.65)                       | 7.63              | (5.83 - 9.92)                       | 9.81              | (7.95 - 12.06)                      |
| <b>Tennessee</b>                                          | 11.18               | (9.50 - 13.13)                        | 28.24               | (25.35 - 31.32)                       | 9.28              | (7.92 - 10.84)                      | 11.94             | (10.59 - 13.43)                     |
| Region 1                                                  | 10.69               | (7.96 - 14.21)                        | *                   | (* - *)                               | 8.06              | (5.82 - 11.06)                      | 10.33             | (7.91 - 13.39)                      |
| Region 2                                                  | 10.81               | (8.26 - 14.03)                        | *                   | (* - *)                               | 8.48              | (6.42 - 11.13)                      | 10.63             | (8.44 - 13.31)                      |
| Region 3                                                  | 10.41               | (7.90 - 13.59)                        | 25.84               | (20.42 - 32.13)                       | 7.46              | (5.61 - 9.84)                       | 9.93              | (7.91 - 12.40)                      |
| Region 4 (Davidson)                                       | 11.59               | (8.67 - 15.32)                        | *                   | (* - *)                               | 12.20             | (9.15 - 16.10)                      | 15.45             | (12.23 - 19.34)                     |
| Region 5                                                  | 13.20               | (10.26 - 16.82)                       | 33.04               | (27.43 - 39.18)                       | 10.99             | (8.61 - 13.92)                      | 14.10             | (11.67 - 16.94)                     |
| Region 6                                                  | 9.46                | (6.96 - 12.74)                        | *                   | (* - *)                               | 7.25              | (5.23 - 9.98)                       | 9.70              | (7.42 - 12.58)                      |
| Region 7 (Shelby)                                         | 9.91                | (7.53 - 12.93)                        | 26.18               | (20.65 - 32.59)                       | 9.44              | (7.03 - 12.58)                      | 12.11             | (9.56 - 15.24)                      |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 10.83               | (9.72 - 12.04)                        | 25.66               | (23.90 - 27.50)                       | 7.11              | (6.33 - 7.98)                       | 9.99              | (9.24 - 10.80)                      |
| Region 1                                                    | 11.33               | (8.60 - 14.80)                        | *                   | (* - *)                               | 6.59              | (4.80 - 8.97)                       | 9.31              | (7.22 - 11.93)                      |
| Region 2                                                    | 12.73               | (9.64 - 16.63)                        | *                   | (* - *)                               | 8.60              | (6.40 - 11.46)                      | 12.10             | (9.53 - 15.24)                      |
| Region 3                                                    | 10.14               | (8.66 - 11.84)                        | 24.15               | (21.47 - 27.04)                       | 7.03              | (5.97 - 8.26)                       | 9.53              | (8.46 - 10.72)                      |
| Region 3a                                                   | 9.54                | (7.82 - 11.60)                        | 24.22               | (20.87 - 27.92)                       | 7.00              | (5.72 - 8.53)                       | 9.51              | (8.22 - 10.99)                      |
| Region 3bc                                                  | 11.21               | (8.97 - 13.93)                        | 24.02               | (20.04 - 28.50)                       | 7.09              | (5.62 - 8.90)                       | 9.56              | (8.00 - 11.39)                      |
| Region 4                                                    | 10.45               | (8.02 - 13.51)                        | 24.76               | (19.52 - 30.86)                       | 6.72              | (5.04 - 8.92)                       | 9.21              | (7.33 - 11.50)                      |
| Region 5                                                    | 10.59               | (7.93 - 14.02)                        | *                   | (* - *)                               | 7.62              | (5.60 - 10.28)                      | 10.52             | (8.16 - 13.46)                      |
| Region 6                                                    | 10.60               | (8.88 - 12.61)                        | 24.74               | (21.51 - 28.27)                       | 6.82              | (5.62 - 8.26)                       | 9.52              | (8.27 - 10.93)                      |
| Region 6a                                                   | 10.46               | (8.64 - 12.61)                        | 24.56               | (21.11 - 28.37)                       | 6.80              | (5.53 - 8.34)                       | 9.50              | (8.18 - 11.01)                      |
| Region 6bc                                                  | 11.85               | (8.93 - 15.57)                        | *                   | (* - *)                               | 7.03              | (5.00 - 9.80)                       | 9.69              | (7.35 - 12.68)                      |
| Region 7                                                    | 12.98               | (10.77 - 15.57)                       | 35.29               | (30.96 - 39.87)                       | 10.58             | (8.84 - 12.62)                      | 14.83             | (13.04 - 16.82)                     |
| Region 7a                                                   | 13.90               | (11.00 - 17.43)                       | 38.46               | (32.72 - 44.53)                       | 11.93             | (9.63 - 14.70)                      | 16.02             | (13.65 - 18.71)                     |
| Region 7bcd                                                 | 11.29               | (8.76 - 14.44)                        | 31.08               | (25.42 - 37.38)                       | 8.05              | (6.11 - 10.53)                      | 12.74             | (10.46 - 15.44)                     |
| Region 8                                                    | 11.67               | (9.36 - 14.45)                        | 26.76               | (22.49 - 31.50)                       | 6.72              | (5.25 - 8.58)                       | 9.83              | (8.21 - 11.73)                      |
| Region 9                                                    | 13.56               | (10.29 - 17.65)                       | *                   | (* - *)                               | 7.49              | (5.37 - 10.35)                      | 10.48             | (7.99 - 13.64)                      |
| Region 10                                                   | 9.84                | (7.49 - 12.83)                        | 21.48               | (16.62 - 27.31)                       | 4.57              | (3.26 - 6.36)                       | 7.53              | (5.84 - 9.65)                       |
| Region 11                                                   | 9.47                | (7.68 - 11.63)                        | 17.62               | (14.41 - 21.36)                       | 4.18              | (3.19 - 5.46)                       | 6.49              | (5.32 - 7.88)                       |
| Region 11abd                                                | 9.67                | (7.46 - 12.45)                        | 17.70               | (13.83 - 22.37)                       | 4.32              | (3.14 - 5.91)                       | 6.55              | (5.16 - 8.28)                       |
| Region 11c (Hidalgo)                                        | 9.17                | (6.84 - 12.19)                        | 17.49               | (12.96 - 23.18)                       | 3.93              | (2.73 - 5.63)                       | 6.38              | (4.80 - 8.44)                       |
| <b>Utah</b>                                                 | 9.53                | (7.93 - 11.42)                        | 22.27               | (19.43 - 25.40)                       | 6.75              | (5.62 - 8.08)                       | 9.62              | (8.47 - 10.91)                      |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | 9.67                | (7.10 - 13.04)                        | *                   | (* - *)                               | 6.02              | (4.19 - 8.57)                       | 8.94              | (6.72 - 11.81)                      |
| Central, Four Corners, San<br>Juan, and Southwest           | 9.77                | (7.46 - 12.69)                        | 21.33               | (16.56 - 27.02)                       | 5.99              | (4.42 - 8.07)                       | 8.70              | (6.82 - 11.05)                      |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | 5.50              | (3.72 - 8.06)                       | 7.72              | (5.50 - 10.73)                      |
| Southwest                                                   | 9.84                | (7.10 - 13.49)                        | *                   | (* - *)                               | 6.30              | (4.36 - 9.03)                       | 9.31              | (6.93 - 12.41)                      |
| Davis County                                                | 9.61                | (7.04 - 12.99)                        | *                   | (* - *)                               | 5.12              | (3.49 - 7.44)                       | 7.89              | (5.83 - 10.61)                      |
| Salt Lake County                                            | 10.37               | (8.11 - 13.17)                        | 26.91               | (22.52 - 31.79)                       | 8.63              | (6.98 - 10.64)                      | 11.60             | (9.87 - 13.58)                      |
| Utah County                                                 | 7.69                | (5.71 - 10.29)                        | 17.94               | (13.50 - 23.45)                       | 4.86              | (3.43 - 6.85)                       | 8.16              | (6.30 - 10.50)                      |
| Weber, Morgan                                               | 9.70                | (7.09 - 13.14)                        | *                   | (* - *)                               | 5.91              | (4.19 - 8.28)                       | 8.27              | (6.28 - 10.83)                      |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 16.16               | (13.94 - 18.64)                       | 47.91               | (43.97 - 51.87)                       | 17.04             | (15.07 - 19.20)                     | 21.63             | (19.76 - 23.62)                     |
| Champlain Valley                      | 15.86               | (12.91 - 19.34)                       | 53.98               | (48.49 - 59.37)                       | 16.93             | (14.31 - 19.91)                     | 23.38             | (20.85 - 26.11)                     |
| Rural Northeast                       | 16.67               | (13.18 - 20.85)                       | *                   | (* - *)                               | 19.12             | (15.36 - 23.54)                     | 22.55             | (18.83 - 26.77)                     |
| Rural Southeast                       | 16.81               | (13.47 - 20.78)                       | *                   | (* - *)                               | 16.23             | (13.18 - 19.83)                     | 19.34             | (16.30 - 22.80)                     |
| Rural Southwest                       | 15.24               | (11.82 - 19.43)                       | *                   | (* - *)                               | 15.24             | (12.04 - 19.10)                     | 18.75             | (15.44 - 22.59)                     |
| <b>Virginia</b>                       | 10.78               | (9.30 - 12.47)                        | 30.66               | (28.06 - 33.39)                       | 8.28              | (7.20 - 9.52)                       | 11.45             | (10.38 - 12.62)                     |
| Region 1                              | 10.47               | (8.00 - 13.60)                        | 30.29               | (24.88 - 36.31)                       | 7.51              | (5.78 - 9.69)                       | 11.08             | (9.12 - 13.40)                      |
| Region 2                              | 9.09                | (7.13 - 11.52)                        | 25.05               | (20.98 - 29.60)                       | 6.71              | (5.32 - 8.42)                       | 8.86              | (7.41 - 10.58)                      |
| Region 3                              | 10.28               | (8.03 - 13.06)                        | 28.44               | (23.93 - 33.42)                       | 7.86              | (6.14 - 10.02)                      | 10.88             | (9.06 - 13.01)                      |
| Region 4                              | 11.76               | (9.25 - 14.85)                        | 32.62               | (27.44 - 38.27)                       | 10.01             | (7.93 - 12.56)                      | 13.26             | (11.12 - 15.73)                     |
| Region 5                              | 12.96               | (10.48 - 15.92)                       | 36.48               | (31.47 - 41.81)                       | 9.90              | (7.93 - 12.31)                      | 14.06             | (11.99 - 16.41)                     |
| <b>Washington</b>                     | 14.46               | (12.37 - 16.83)                       | 36.20               | (32.90 - 39.63)                       | 16.30             | (14.35 - 18.46)                     | 19.04             | (17.22 - 21.00)                     |
| Region 1                              | 14.14               | (11.40 - 17.42)                       | 32.58               | (27.66 - 37.92)                       | 14.52             | (11.88 - 17.64)                     | 17.40             | (14.77 - 20.39)                     |
| Greater Columbia and North<br>Central | 12.63               | (9.60 - 16.44)                        | 27.82               | (22.16 - 34.30)                       | 12.07             | (9.26 - 15.60)                      | 14.77             | (11.89 - 18.20)                     |
| Spokane                               | 16.72               | (12.67 - 21.73)                       | *                   | (* - *)                               | 17.95             | (13.73 - 23.14)                     | 21.23             | (16.91 - 26.30)                     |
| Region 2                              | 13.76               | (11.26 - 16.70)                       | 36.89               | (32.29 - 41.74)                       | 16.57             | (14.11 - 19.35)                     | 19.19             | (16.84 - 21.78)                     |
| King                                  | 12.87               | (10.03 - 16.37)                       | 37.77               | (31.94 - 43.99)                       | 16.97             | (14.03 - 20.39)                     | 19.56             | (16.71 - 22.78)                     |
| North Sound                           | 15.17               | (11.79 - 19.31)                       | *                   | (* - *)                               | 15.84             | (12.44 - 19.94)                     | 18.52             | (15.17 - 22.41)                     |
| Region 3                              | 15.60               | (13.02 - 18.58)                       | 38.10               | (33.74 - 42.65)                       | 17.07             | (14.55 - 19.93)                     | 19.91             | (17.47 - 22.60)                     |
| Pierce                                | 15.75               | (12.13 - 20.20)                       | 37.15               | (30.93 - 43.82)                       | 19.32             | (15.53 - 23.77)                     | 21.91             | (18.26 - 26.06)                     |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | 15.17             | (11.15 - 20.33)                     | 18.20             | (13.96 - 23.39)                     |
| SW WA and Great Rivers                | 15.44               | (11.82 - 19.91)                       | *                   | (* - *)                               | 15.77             | (12.04 - 20.39)                     | 18.79             | (14.99 - 23.28)                     |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 19.39             | (14.71 - 25.13)                     |

See notes at end of table.

(continued)

**Table 1 Marijuana Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 11.53               | (9.76 - 13.57)                        | 29.15               | (26.08 - 32.42)                       | 8.57              | (7.24 - 10.11)                      | 11.23             | (9.92 - 12.69)                      |
| Region I                      | 11.20               | (8.27 - 15.00)                        | *                   | (* - *)                               | 7.58              | (5.47 - 10.42)                      | 10.02             | (7.64 - 13.04)                      |
| Region II                     | 11.13               | (8.42 - 14.58)                        | *                   | (* - *)                               | 7.64              | (5.62 - 10.31)                      | 9.81              | (7.61 - 12.58)                      |
| Region III                    | 12.54               | (9.40 - 16.55)                        | *                   | (* - *)                               | 8.88              | (6.49 - 12.04)                      | 10.94             | (8.40 - 14.13)                      |
| Region IV                     | 11.91               | (9.23 - 15.23)                        | 35.73               | (30.15 - 41.73)                       | 9.82              | (7.55 - 12.67)                      | 14.17             | (11.78 - 16.95)                     |
| Region V                      | 11.83               | (9.24 - 15.03)                        | 28.70               | (23.51 - 34.51)                       | 8.98              | (6.97 - 11.50)                      | 11.31             | (9.24 - 13.78)                      |
| Region VI                     | 10.58               | (8.01 - 13.85)                        | 23.65               | (18.56 - 29.63)                       | 7.46              | (5.55 - 9.95)                       | 9.28              | (7.28 - 11.77)                      |
| <b>Wisconsin</b>              | 14.15               | (12.15 - 16.42)                       | 30.83               | (27.79 - 34.03)                       | 9.03              | (7.72 - 10.54)                      | 12.13             | (10.81 - 13.58)                     |
| Milwaukee                     | 14.56               | (11.25 - 18.64)                       | 34.18               | (28.21 - 40.69)                       | 12.62             | (9.91 - 15.94)                      | 16.22             | (13.42 - 19.47)                     |
| Northeastern                  | 12.50               | (9.53 - 16.23)                        | 23.62               | (18.48 - 29.68)                       | 6.62              | (4.92 - 8.86)                       | 8.85              | (6.98 - 11.18)                      |
| Northern                      | 12.74               | (9.51 - 16.86)                        | *                   | (* - *)                               | 7.13              | (5.11 - 9.86)                       | 9.22              | (6.97 - 12.11)                      |
| Southeastern                  | 14.57               | (11.52 - 18.26)                       | 31.40               | (25.62 - 37.82)                       | 8.01              | (6.17 - 10.34)                      | 11.14             | (9.13 - 13.53)                      |
| Southern                      | 14.77               | (11.61 - 18.60)                       | 33.18               | (27.67 - 39.20)                       | 10.28             | (8.04 - 13.05)                      | 13.53             | (11.19 - 16.27)                     |
| Western                       | 15.55               | (11.96 - 19.97)                       | *                   | (* - *)                               | 9.80              | (7.43 - 12.81)                      | 13.81             | (11.21 - 16.90)                     |
| <b>Wyoming</b>                | 13.09               | (11.14 - 15.32)                       | 27.83               | (24.72 - 31.17)                       | 8.11              | (6.76 - 9.69)                       | 10.94             | (9.58 - 12.45)                      |
| Judicial District 1 (Laramie) | 15.72               | (12.04 - 20.27)                       | *                   | (* - *)                               | 9.18              | (6.97 - 11.99)                      | 12.04             | (9.68 - 14.88)                      |
| Judicial District 2           | 12.69               | (9.61 - 16.57)                        | 32.68               | (26.85 - 39.10)                       | 10.23             | (7.62 - 13.61)                      | 16.27             | (13.35 - 19.67)                     |
| Judicial District 3           | 11.01               | (8.28 - 14.50)                        | *                   | (* - *)                               | 6.59              | (4.72 - 9.13)                       | 8.71              | (6.63 - 11.37)                      |
| Judicial District 4           | 13.65               | (10.02 - 18.31)                       | *                   | (* - *)                               | 6.95              | (4.76 - 10.03)                      | 9.21              | (6.72 - 12.50)                      |
| Judicial District 5           | 11.62               | (8.52 - 15.66)                        | *                   | (* - *)                               | 5.50              | (3.85 - 7.82)                       | 7.43              | (5.52 - 9.93)                       |
| Judicial District 6           | 12.04               | (8.97 - 15.98)                        | *                   | (* - *)                               | 6.80              | (4.84 - 9.48)                       | 9.03              | (6.88 - 11.76)                      |
| Judicial District 7 (Natrona) | 12.80               | (9.69 - 16.73)                        | *                   | (* - *)                               | 8.09              | (5.97 - 10.87)                      | 10.70             | (8.36 - 13.59)                      |
| Judicial District 8           | 13.39               | (9.97 - 17.75)                        | *                   | (* - *)                               | 6.81              | (4.79 - 9.60)                       | 9.39              | (7.07 - 12.37)                      |
| Judicial District 9           | 14.60               | (11.05 - 19.05)                       | *                   | (* - *)                               | 11.28             | (8.38 - 15.01)                      | 13.94             | (10.88 - 17.68)                     |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 2** *Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs*

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 6.95                | (6.69 - 7.23)                         | 20.06               | (19.56 - 20.56)                       | 6.78              | (6.58 - 6.98)                       | 8.69              | (8.49 - 8.89)                       |
| <b>Northeast</b>           | 7.32                | (6.80 - 7.88)                         | 23.01               | (22.02 - 24.04)                       | 7.58              | (7.10 - 8.09)                       | 9.74              | (9.29 - 10.22)                      |
| <b>Midwest</b>             | 6.65                | (6.23 - 7.09)                         | 19.23               | (18.49 - 20.00)                       | 6.45              | (6.07 - 6.86)                       | 8.30              | (7.93 - 8.68)                       |
| <b>South</b>               | 6.29                | (5.89 - 6.70)                         | 17.71               | (17.06 - 18.37)                       | 5.35              | (5.02 - 5.70)                       | 7.11              | (6.80 - 7.44)                       |
| <b>West</b>                | 8.04                | (7.47 - 8.65)                         | 22.24               | (21.27 - 23.25)                       | 8.75              | (8.26 - 9.27)                       | 10.74             | (10.28 - 11.21)                     |
| <b>Alabama</b>             | 5.13                | (4.08 - 6.44)                         | 14.33               | (12.12 - 16.86)                       | 3.76              | (2.98 - 4.72)                       | 5.27              | (4.44 - 6.24)                       |
| Region 1                   | 5.14                | (3.67 - 7.16)                         | 13.84               | (10.60 - 17.87)                       | 3.80              | (2.74 - 5.24)                       | 5.10              | (3.93 - 6.60)                       |
| Region 2                   | 5.16                | (3.68 - 7.19)                         | 15.70               | (12.23 - 19.94)                       | 3.85              | (2.79 - 5.29)                       | 5.58              | (4.36 - 7.11)                       |
| Region 3                   | 4.56                | (3.15 - 6.54)                         | 12.69               | (9.53 - 16.70)                        | 3.59              | (2.49 - 5.15)                       | 5.15              | (3.87 - 6.81)                       |
| Region 4                   | 5.53                | (3.95 - 7.69)                         | 14.46               | (10.88 - 18.95)                       | 3.70              | (2.63 - 5.19)                       | 5.12              | (3.91 - 6.69)                       |
| <b>Alaska</b>              | 10.42               | (8.60 - 12.57)                        | 26.53               | (23.42 - 29.88)                       | 14.11             | (12.33 - 16.10)                     | 16.06             | (14.39 - 17.87)                     |
| Anchorage                  | 9.78                | (7.50 - 12.65)                        | 25.40               | (21.41 - 29.85)                       | 11.74             | (9.59 - 14.30)                      | 13.92             | (11.86 - 16.28)                     |
| Northern                   | 11.15               | (8.25 - 14.90)                        | 26.38               | (21.23 - 32.27)                       | 17.06             | (13.75 - 20.98)                     | 18.77             | (15.62 - 22.39)                     |
| South Central              | 10.68               | (8.12 - 13.92)                        | 28.04               | (22.95 - 33.77)                       | 14.36             | (11.54 - 17.74)                     | 16.31             | (13.58 - 19.47)                     |
| Southeast                  | 10.59               | (7.50 - 14.75)                        | *                   | (* - *)                               | 16.60             | (12.56 - 21.61)                     | 18.08             | (14.13 - 22.84)                     |
| <b>Arizona</b>             | 7.25                | (5.86 - 8.95)                         | 18.75               | (16.27 - 21.50)                       | 5.92              | (4.86 - 7.21)                       | 7.79              | (6.72 - 9.02)                       |
| Central                    | 7.32                | (5.64 - 9.46)                         | 19.50               | (16.44 - 22.97)                       | 6.12              | (4.87 - 7.67)                       | 8.09              | (6.82 - 9.57)                       |
| North                      | 6.65                | (4.66 - 9.41)                         | 17.38               | (12.93 - 22.96)                       | 5.49              | (3.80 - 7.88)                       | 7.13              | (5.29 - 9.55)                       |
| South                      | 7.33                | (5.58 - 9.58)                         | 17.73               | (14.17 - 21.94)                       | 5.69              | (4.29 - 7.51)                       | 7.46              | (5.95 - 9.32)                       |
| South A                    | 7.14                | (5.09 - 9.93)                         | 18.95               | (14.42 - 24.49)                       | 6.06              | (4.36 - 8.37)                       | 7.95              | (6.07 - 10.34)                      |
| South B                    | 7.53                | (5.28 - 10.63)                        | 16.25               | (11.96 - 21.70)                       | 5.23              | (3.60 - 7.55)                       | 6.87              | (5.05 - 9.29)                       |
| <b>Arkansas</b>            | 6.18                | (5.04 - 7.57)                         | 16.38               | (14.04 - 19.03)                       | 5.66              | (4.64 - 6.89)                       | 7.20              | (6.17 - 8.38)                       |
| Catchment Area 1           | 6.59                | (4.69 - 9.20)                         | 15.83               | (11.97 - 20.65)                       | 5.72              | (4.12 - 7.89)                       | 7.34              | (5.61 - 9.56)                       |
| Catchment Area 2           | 5.69                | (3.90 - 8.22)                         | 14.45               | (10.77 - 19.11)                       | 4.87              | (3.36 - 7.02)                       | 6.05              | (4.44 - 8.20)                       |
| Catchment Area 3           | 5.66                | (3.94 - 8.07)                         | 15.56               | (11.60 - 20.57)                       | 5.50              | (3.96 - 7.60)                       | 6.98              | (5.29 - 9.14)                       |
| Catchment Area 4           | 6.60                | (4.59 - 9.40)                         | 15.90               | (11.68 - 21.28)                       | 5.59              | (3.92 - 7.90)                       | 7.00              | (5.20 - 9.36)                       |
| Catchment Area 5           | 5.80                | (4.12 - 8.12)                         | 14.42               | (10.82 - 18.96)                       | 4.67              | (3.27 - 6.61)                       | 6.24              | (4.71 - 8.24)                       |
| Catchment Area 6           | 5.90                | (4.11 - 8.41)                         | *                   | (* - *)                               | 6.66              | (4.70 - 9.38)                       | 8.21              | (6.10 - 10.97)                      |
| Catchment Area 7           | 5.81                | (3.97 - 8.41)                         | *                   | (* - *)                               | 4.98              | (3.32 - 7.42)                       | 6.50              | (4.62 - 9.08)                       |
| Catchment Area 8           | 6.75                | (4.81 - 9.41)                         | 20.52               | (15.63 - 26.47)                       | 6.88              | (5.09 - 9.24)                       | 8.66              | (6.74 - 11.06)                      |

See notes at end of table.

(continued)



**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|-----------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| <b>California</b>           | 7.99                | (7.14 - 8.92)                      | 22.47               | (21.00 - 24.01)                    | 8.31              | (7.63 - 9.06)                    | 10.44             | (9.80 - 11.12)                   |
| Region 1R                   | 10.42               | (7.63 - 14.08)                     | *                   | (* - *)                            | 13.67             | (10.59 - 17.48)                  | 15.72             | (12.62 - 19.41)                  |
| Region 2R                   | 8.80                | (6.51 - 11.79)                     | 27.20               | (21.82 - 33.34)                    | 8.90              | (6.73 - 11.69)                   | 11.67             | (9.31 - 14.52)                   |
| Region 3R (Sacramento)      | 8.09                | (6.00 - 10.82)                     | 24.17               | (19.54 - 29.51)                    | 8.92              | (6.96 - 11.36)                   | 11.15             | (9.10 - 13.59)                   |
| Region 4R                   | 9.54                | (7.06 - 12.77)                     | 27.15               | (21.65 - 33.45)                    | 8.99              | (6.89 - 11.64)                   | 11.32             | (9.08 - 14.02)                   |
| Region 5R (San Francisco)   | *                   | (* - *)                            | *                   | (* - *)                            | 13.81             | (10.63 - 17.74)                  | 15.56             | (12.34 - 19.43)                  |
| Region 6 (Santa Clara)      | 7.50                | (5.64 - 9.92)                      | 22.29               | (18.02 - 27.24)                    | 6.90              | (5.34 - 8.87)                    | 8.89              | (7.22 - 10.89)                   |
| Region 7R (Contra Costa)    | 8.43                | (6.22 - 11.33)                     | 26.10               | (21.04 - 31.87)                    | 8.42              | (6.46 - 10.91)                   | 10.75             | (8.68 - 13.25)                   |
| Region 8R (Alameda)         | 9.06                | (6.78 - 12.02)                     | 26.14               | (21.29 - 31.65)                    | 10.34             | (8.10 - 13.10)                   | 12.43             | (10.15 - 15.14)                  |
| Region 9R (San Mateo)       | 8.71                | (6.40 - 11.76)                     | *                   | (* - *)                            | 8.86              | (6.59 - 11.81)                   | 10.77             | (8.35 - 13.80)                   |
| Region 10                   | 7.96                | (5.79 - 10.84)                     | *                   | (* - *)                            | 7.59              | (5.58 - 10.25)                   | 10.66             | (8.37 - 13.47)                   |
| Region 11 (Los Angeles)     | 7.58                | (6.48 - 8.85)                      | 21.33               | (19.24 - 23.59)                    | 8.06              | (7.11 - 9.13)                    | 10.07             | (9.12 - 11.09)                   |
| LA SPA 1 and 5              | 8.82                | (6.38 - 12.06)                     | 24.97               | (19.76 - 31.03)                    | 9.95              | (7.46 - 13.14)                   | 12.21             | (9.63 - 15.37)                   |
| LA SPA 2                    | 7.68                | (5.79 - 10.11)                     | 21.12               | (17.09 - 25.80)                    | 7.92              | (6.15 - 10.14)                   | 9.75              | (7.92 - 11.95)                   |
| LA SPA 3                    | 5.99                | (4.25 - 8.39)                      | 17.23               | (13.43 - 21.82)                    | 4.94              | (3.64 - 6.67)                    | 6.75              | (5.30 - 8.56)                    |
| LA SPA 4                    | 7.86                | (5.70 - 10.75)                     | 22.35               | (17.51 - 28.08)                    | 11.05             | (8.38 - 14.43)                   | 12.56             | (9.87 - 15.85)                   |
| LA SPA 6                    | 8.38                | (6.16 - 11.30)                     | 22.79               | (18.09 - 28.29)                    | 9.05              | (6.91 - 11.75)                   | 11.80             | (9.50 - 14.55)                   |
| LA SPA 7                    | 7.32                | (5.28 - 10.07)                     | 19.69               | (15.31 - 24.96)                    | 5.99              | (4.41 - 8.10)                    | 8.28              | (6.49 - 10.51)                   |
| LA SPA 8                    | 7.95                | (5.91 - 10.62)                     | 23.41               | (18.99 - 28.49)                    | 9.28              | (7.33 - 11.68)                   | 11.29             | (9.28 - 13.67)                   |
| Region 12R                  | 7.25                | (5.14 - 10.13)                     | 19.05               | (14.65 - 24.39)                    | 6.96              | (5.13 - 9.39)                    | 8.84              | (6.84 - 11.35)                   |
| Regions 13 and 19R          | 8.17                | (6.20 - 10.70)                     | 18.68               | (15.28 - 22.63)                    | 6.61              | (5.16 - 8.43)                    | 8.62              | (7.10 - 10.42)                   |
| Region 14 (Orange)          | 7.03                | (5.36 - 9.18)                      | 22.49               | (18.27 - 27.36)                    | 6.36              | (4.89 - 8.23)                    | 8.69              | (7.09 - 10.61)                   |
| Region 15R (Fresno)         | 8.16                | (5.94 - 11.12)                     | 19.81               | (15.40 - 25.12)                    | 7.88              | (5.84 - 10.57)                   | 10.00             | (7.82 - 12.69)                   |
| Region 16R (San Diego)      | 8.01                | (6.22 - 10.25)                     | 23.58               | (19.56 - 28.14)                    | 9.14              | (7.47 - 11.14)                   | 11.39             | (9.68 - 13.36)                   |
| Region 17R                  | 7.00                | (5.26 - 9.26)                      | 15.97               | (12.66 - 19.94)                    | 7.39              | (5.77 - 9.43)                    | 8.90              | (7.23 - 10.91)                   |
| Region 18R (San Bernardino) | 7.72                | (5.90 - 10.03)                     | 18.02               | (14.57 - 22.07)                    | 7.15              | (5.57 - 9.14)                    | 9.04              | (7.40 - 11.00)                   |
| Region 20R                  | 8.02                | (5.82 - 10.94)                     | 18.54               | (14.25 - 23.77)                    | 7.59              | (5.67 - 10.10)                   | 9.44              | (7.37 - 12.03)                   |
| Region 21R                  | 10.08               | (7.37 - 13.64)                     | *                   | (* - *)                            | 10.47             | (7.95 - 13.68)                   | 13.80             | (11.03 - 17.12)                  |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 10.01               | (8.36 - 11.93)                        | 31.51               | (28.28 - 34.92)                       | 13.66             | (11.90 - 15.63)                     | 16.23             | (14.56 - 18.05)                     |
| Region 1                                  | 10.99               | (8.10 - 14.75)                        | *                   | (* - *)                               | 14.68             | (11.42 - 18.67)                     | 17.73             | (14.43 - 21.58)                     |
| Region 2                                  | 9.15                | (6.47 - 12.78)                        | *                   | (* - *)                               | 11.04             | (7.94 - 15.14)                      | 13.30             | (10.11 - 17.31)                     |
| Region 3                                  | 10.12               | (7.76 - 13.11)                        | 31.51               | (26.32 - 37.20)                       | 11.81             | (9.35 - 14.80)                      | 14.54             | (12.09 - 17.39)                     |
| Region 4                                  | 9.08                | (6.38 - 12.76)                        | *                   | (* - *)                               | 11.24             | (8.13 - 15.35)                      | 13.18             | (9.93 - 17.28)                      |
| Region 5                                  | 9.43                | (6.82 - 12.92)                        | 32.98               | (27.01 - 39.56)                       | 17.25             | (13.54 - 21.72)                     | 19.38             | (15.79 - 23.56)                     |
| Region 6                                  | 10.82               | (8.02 - 14.44)                        | 33.97               | (27.89 - 40.62)                       | 15.98             | (12.58 - 20.09)                     | 18.53             | (15.26 - 22.32)                     |
| Region 7                                  | 9.18                | (6.60 - 12.64)                        | *                   | (* - *)                               | 12.16             | (9.26 - 15.81)                      | 14.82             | (11.85 - 18.39)                     |
| <b>Connecticut</b>                        | 7.78                | (6.33 - 9.52)                         | 25.73               | (22.54 - 29.21)                       | 6.78              | (5.58 - 8.22)                       | 9.43              | (8.20 - 10.82)                      |
| Eastern                                   | 7.88                | (5.56 - 11.06)                        | *                   | (* - *)                               | 7.57              | (5.44 - 10.45)                      | 10.86             | (8.39 - 13.94)                      |
| North Central                             | 7.22                | (5.28 - 9.78)                         | 25.33               | (20.40 - 31.00)                       | 7.03              | (5.32 - 9.22)                       | 9.48              | (7.64 - 11.70)                      |
| Northwestern                              | 7.90                | (5.73 - 10.79)                        | 23.53               | (18.31 - 29.68)                       | 6.55              | (4.77 - 8.94)                       | 8.69              | (6.75 - 11.12)                      |
| South Central                             | 8.63                | (6.28 - 11.75)                        | 27.83               | (22.41 - 34.00)                       | 6.85              | (5.10 - 9.13)                       | 9.82              | (7.90 - 12.13)                      |
| Southwest                                 | 7.47                | (5.33 - 10.38)                        | 24.93               | (19.89 - 30.77)                       | 6.08              | (4.32 - 8.49)                       | 8.61              | (6.68 - 11.04)                      |
| <b>Delaware</b>                           | 7.44                | (6.08 - 9.08)                         | 22.71               | (19.91 - 25.77)                       | 6.88              | (5.65 - 8.34)                       | 9.03              | (7.82 - 10.40)                      |
| Kent                                      | 8.47                | (6.16 - 11.54)                        | 21.04               | (16.38 - 26.61)                       | 6.61              | (4.88 - 8.89)                       | 8.81              | (6.93 - 11.14)                      |
| New Castle (excluding<br>Wilmington City) | 6.76                | (5.12 - 8.88)                         | 23.64               | (20.07 - 27.63)                       | 6.39              | (4.96 - 8.20)                       | 8.89              | (7.45 - 10.58)                      |
| Sussex                                    | 7.55                | (5.43 - 10.41)                        | 18.85               | (14.50 - 24.13)                       | 5.82              | (4.17 - 8.07)                       | 7.14              | (5.41 - 9.36)                       |
| Wilmington City                           | 9.14                | (6.40 - 12.88)                        | *                   | (* - *)                               | 13.73             | (9.93 - 18.67)                      | 15.77             | (11.94 - 20.55)                     |
| <b>District of Columbia</b>               | 8.68                | (7.10 - 10.58)                        | 30.16               | (26.89 - 33.65)                       | 10.85             | (9.28 - 12.64)                      | 14.18             | (12.65 - 15.86)                     |
| Ward 1                                    | *                   | (* - *)                               | *                   | (* - *)                               | 13.21             | (10.01 - 17.23)                     | 16.71             | (13.44 - 20.59)                     |
| Ward 2                                    | *                   | (* - *)                               | *                   | (* - *)                               | 12.73             | (9.51 - 16.83)                      | 17.61             | (14.20 - 21.63)                     |
| Ward 3                                    | 7.32                | (5.08 - 10.43)                        | *                   | (* - *)                               | 7.03              | (5.09 - 9.64)                       | 9.84              | (7.63 - 12.60)                      |
| Ward 4                                    | 8.57                | (6.01 - 12.07)                        | *                   | (* - *)                               | 9.08              | (6.72 - 12.14)                      | 11.00             | (8.52 - 14.10)                      |
| Ward 5                                    | 9.12                | (6.49 - 12.68)                        | *                   | (* - *)                               | 11.27             | (8.38 - 14.98)                      | 14.93             | (11.84 - 18.66)                     |
| Ward 6                                    | 7.62                | (5.36 - 10.74)                        | 24.30               | (19.24 - 30.19)                       | 9.82              | (7.42 - 12.87)                      | 11.60             | (9.17 - 14.58)                      |
| Ward 7                                    | 8.55                | (6.16 - 11.74)                        | *                   | (* - *)                               | 11.38             | (8.39 - 15.25)                      | 14.57             | (11.48 - 18.33)                     |
| Ward 8                                    | 9.77                | (7.21 - 13.10)                        | *                   | (* - *)                               | 13.03             | (9.76 - 17.18)                      | 17.37             | (13.97 - 21.39)                     |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 7.12                | (6.23 - 8.13)                         | 20.24               | (18.68 - 21.90)                       | 5.97              | (5.28 - 6.74)                       | 7.75              | (7.08 - 8.47)                       |
| Broward (Circuit 17)                                                    | 6.73                | (5.01 - 9.00)                         | 20.57               | (16.59 - 25.20)                       | 6.38              | (4.87 - 8.33)                       | 8.09              | (6.50 - 10.03)                      |
| Central I                                                               | 6.82                | (5.48 - 8.46)                         | 20.09               | (17.28 - 23.22)                       | 6.64              | (5.40 - 8.13)                       | 8.56              | (7.30 - 10.01)                      |
| Circuit 9                                                               | 6.30                | (4.78 - 8.26)                         | 18.96               | (15.71 - 22.70)                       | 6.97              | (5.44 - 8.90)                       | 8.87              | (7.32 - 10.70)                      |
| Circuit 18                                                              | 7.66                | (5.64 - 10.32)                        | 22.24               | (17.57 - 27.74)                       | 6.17              | (4.57 - 8.28)                       | 8.11              | (6.35 - 10.30)                      |
| Central II                                                              | 7.46                | (6.26 - 8.86)                         | 20.30               | (18.01 - 22.81)                       | 5.77              | (4.88 - 6.81)                       | 7.39              | (6.49 - 8.41)                       |
| Circuit 6                                                               | 8.18                | (6.17 - 10.78)                        | 22.37               | (18.05 - 27.38)                       | 7.02              | (5.39 - 9.09)                       | 8.56              | (6.87 - 10.61)                      |
| Circuit 10                                                              | 6.27                | (4.56 - 8.57)                         | 16.89               | (13.09 - 21.51)                       | 4.70              | (3.46 - 6.37)                       | 6.22              | (4.84 - 7.96)                       |
| Circuit 12                                                              | 7.17                | (5.10 - 10.00)                        | *                   | (* - *)                               | 4.85              | (3.42 - 6.82)                       | 6.33              | (4.75 - 8.40)                       |
| Circuit 13 (Hillsborough)                                               | 7.85                | (5.91 - 10.37)                        | 20.78               | (17.02 - 25.11)                       | 6.79              | (5.21 - 8.80)                       | 8.74              | (7.09 - 10.73)                      |
| Circuit 20                                                              | 7.12                | (5.11 - 9.84)                         | 19.43               | (14.78 - 25.11)                       | 4.53              | (3.23 - 6.32)                       | 6.02              | (4.55 - 7.92)                       |
| Northeast                                                               | 7.63                | (6.28 - 9.24)                         | 21.70               | (18.96 - 24.71)                       | 6.55              | (5.49 - 7.81)                       | 8.47              | (7.37 - 9.73)                       |
| Circuit 4                                                               | 6.15                | (4.47 - 8.40)                         | 19.88               | (15.66 - 24.90)                       | 6.82              | (5.09 - 9.09)                       | 8.61              | (6.78 - 10.87)                      |
| Circuit 5                                                               | 8.69                | (6.34 - 11.80)                        | 22.00               | (17.20 - 27.68)                       | 5.96              | (4.40 - 8.01)                       | 7.45              | (5.79 - 9.54)                       |
| Circuit 7                                                               | 8.38                | (6.13 - 11.34)                        | 23.12               | (18.28 - 28.79)                       | 6.30              | (4.64 - 8.50)                       | 8.23              | (6.43 - 10.47)                      |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | 8.04                | (5.79 - 11.07)                        | 22.65               | (17.49 - 28.80)                       | 7.80              | (5.73 - 10.54)                      | 10.70             | (8.36 - 13.61)                      |
| Northwest                                                               | 7.71                | (6.19 - 9.57)                         | 24.39               | (21.13 - 27.96)                       | 7.53              | (6.17 - 9.18)                       | 10.24             | (8.79 - 11.89)                      |
| Circuit 1                                                               | 6.69                | (4.83 - 9.19)                         | 20.57               | (16.45 - 25.41)                       | 5.84              | (4.28 - 7.92)                       | 7.94              | (6.24 - 10.04)                      |
| Circuit 2 plus Madison and<br>Taylor                                    | 9.15                | (6.60 - 12.56)                        | 29.45               | (24.05 - 35.49)                       | 10.03             | (7.46 - 13.36)                      | 14.17             | (11.43 - 17.43)                     |
| Circuit 14                                                              | *                   | (* - *)                               | *                   | (* - *)                               | 8.11              | (5.81 - 11.22)                      | 9.82              | (7.35 - 13.01)                      |
| South (Circuits 11 and 16)                                              | 5.76                | (4.38 - 7.54)                         | 14.57               | (11.69 - 18.02)                       | 3.97              | (3.05 - 5.15)                       | 5.33              | (4.33 - 6.53)                       |
| Southeast                                                               | 7.52                | (5.90 - 9.53)                         | 21.48               | (17.99 - 25.44)                       | 5.85              | (4.61 - 7.40)                       | 7.56              | (6.24 - 9.12)                       |
| Circuit 15 (Palm Beach)                                                 | 7.25                | (5.32 - 9.80)                         | 21.55               | (17.32 - 26.48)                       | 5.91              | (4.39 - 7.91)                       | 7.64              | (6.03 - 9.64)                       |
| Circuit 19                                                              | 8.09                | (5.90 - 11.02)                        | 21.33               | (16.35 - 27.33)                       | 5.72              | (4.18 - 7.80)                       | 7.38              | (5.66 - 9.56)                       |
| <b>Georgia</b>                                                          | 6.40                | (5.32 - 7.68)                         | 18.27               | (16.30 - 20.43)                       | 5.52              | (4.67 - 6.51)                       | 7.41              | (6.57 - 8.35)                       |
| Region 1                                                                | 5.86                | (4.34 - 7.85)                         | 16.64               | (13.36 - 20.54)                       | 4.51              | (3.43 - 5.91)                       | 6.12              | (4.95 - 7.54)                       |
| Region 2                                                                | 6.00                | (4.35 - 8.22)                         | 16.18               | (12.59 - 20.55)                       | 5.15              | (3.80 - 6.95)                       | 6.97              | (5.50 - 8.81)                       |
| Region 3                                                                | 7.24                | (5.55 - 9.39)                         | 23.18               | (19.71 - 27.06)                       | 7.05              | (5.60 - 8.83)                       | 9.36              | (7.91 - 11.03)                      |
| Region 4                                                                | 6.20                | (4.36 - 8.74)                         | 16.22               | (11.92 - 21.70)                       | 5.14              | (3.60 - 7.29)                       | 6.97              | (5.19 - 9.31)                       |
| Region 5                                                                | 5.97                | (4.26 - 8.31)                         | 15.14               | (11.49 - 19.67)                       | 5.25              | (3.72 - 7.34)                       | 6.88              | (5.23 - 9.00)                       |
| Region 6                                                                | 6.41                | (4.63 - 8.80)                         | 16.86               | (12.95 - 21.66)                       | 4.82              | (3.51 - 6.58)                       | 6.63              | (5.14 - 8.52)                       |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 6.34                | (5.02 - 7.97)                         | 17.06               | (14.52 - 19.93)                       | 6.51              | (5.34 - 7.91)                       | 7.88              | (6.73 - 9.21)                       |
| Hawaii Island                   | 6.61                | (4.63 - 9.37)                         | 15.91               | (11.80 - 21.10)                       | 8.60              | (6.20 - 11.82)                      | 9.50              | (7.12 - 12.57)                      |
| Honolulu                        | 5.76                | (4.33 - 7.62)                         | 16.66               | (13.80 - 19.99)                       | 5.41              | (4.24 - 6.87)                       | 6.92              | (5.74 - 8.32)                       |
| Kauai                           | 8.25                | (5.62 - 11.94)                        | *                   | (* - *)                               | 9.51              | (6.65 - 13.43)                      | 10.77             | (7.83 - 14.65)                      |
| Maui                            | 8.57                | (6.09 - 11.93)                        | *                   | (* - *)                               | 9.54              | (6.92 - 13.02)                      | 10.74             | (8.10 - 14.10)                      |
| <b>Idaho</b>                    | 6.46                | (5.20 - 8.00)                         | 14.48               | (12.35 - 16.91)                       | 5.53              | (4.54 - 6.71)                       | 6.83              | (5.84 - 7.96)                       |
| Region 1                        | 7.31                | (5.03 - 10.52)                        | 16.65               | (12.29 - 22.17)                       | 5.55              | (3.93 - 7.79)                       | 6.87              | (5.13 - 9.13)                       |
| Region 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 6.05              | (4.13 - 8.79)                       | 7.88              | (5.72 - 10.75)                      |
| Region 3                        | 4.98                | (3.43 - 7.17)                         | 10.72               | (7.91 - 14.37)                        | 4.27              | (3.01 - 6.03)                       | 5.20              | (3.88 - 6.94)                       |
| Region 4                        | 7.79                | (5.69 - 10.59)                        | 18.53               | (14.86 - 22.87)                       | 6.95              | (5.33 - 9.01)                       | 8.47              | (6.83 - 10.45)                      |
| Region 5                        | 6.41                | (4.52 - 9.01)                         | 13.06               | (9.57 - 17.58)                        | 4.67              | (3.26 - 6.67)                       | 5.83              | (4.31 - 7.85)                       |
| Region 6                        | 6.13                | (4.12 - 9.03)                         | *                   | (* - *)                               | 5.87              | (3.98 - 8.58)                       | 7.06              | (5.05 - 9.79)                       |
| Region 7                        | 5.25                | (3.68 - 7.43)                         | 10.96               | (7.90 - 15.01)                        | 4.22              | (2.92 - 6.07)                       | 5.47              | (4.04 - 7.38)                       |
| <b>Illinois</b>                 | 6.74                | (5.82 - 7.78)                         | 20.40               | (18.58 - 22.34)                       | 6.12              | (5.38 - 6.97)                       | 8.15              | (7.41 - 8.96)                       |
| Region 1 (Cook)                 | 6.99                | (5.79 - 8.42)                         | 21.66               | (19.24 - 24.30)                       | 6.71              | (5.72 - 7.87)                       | 8.77              | (7.76 - 9.90)                       |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 7.24              | (5.09 - 10.21)                      | 8.76              | (6.46 - 11.79)                      |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 6.38              | (4.44 - 9.09)                       | 8.16              | (6.01 - 10.98)                      |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | *                   | (* - *)                               | 9.27              | (6.70 - 12.70)                      | 11.29             | (8.54 - 14.77)                      |
| Region 1.4 (West Side)          | 7.14                | (5.05 - 9.99)                         | *                   | (* - *)                               | 9.19              | (6.71 - 12.47)                      | 11.20             | (8.57 - 14.50)                      |
| Region 1.5 (South Side)         | 8.07                | (5.77 - 11.18)                        | *                   | (* - *)                               | 9.46              | (6.90 - 12.82)                      | 12.54             | (9.79 - 15.91)                      |
| Region 1.6 (Southwest Side)     | 6.99                | (4.93 - 9.82)                         | *                   | (* - *)                               | 6.20              | (4.44 - 8.60)                       | 8.69              | (6.64 - 11.30)                      |
| Region 1.7 (Suburban Cook)      | 6.79                | (5.16 - 8.88)                         | 19.39               | (16.16 - 23.10)                       | 5.04              | (3.94 - 6.43)                       | 6.88              | (5.71 - 8.28)                       |
| Region 2                        | 6.70                | (5.55 - 8.08)                         | 19.04               | (16.54 - 21.81)                       | 5.38              | (4.49 - 6.43)                       | 7.33              | (6.39 - 8.39)                       |
| Region 2a (DuPage)              | 6.68                | (4.91 - 9.02)                         | 19.06               | (14.76 - 24.25)                       | 5.34              | (3.93 - 7.22)                       | 7.17              | (5.59 - 9.15)                       |
| Region 2b                       | 6.89                | (5.33 - 8.85)                         | 19.36               | (15.92 - 23.34)                       | 5.44              | (4.27 - 6.92)                       | 7.47              | (6.21 - 8.96)                       |
| Region 2c (Winnebago)           | 7.07                | (4.93 - 10.04)                        | *                   | (* - *)                               | 6.08              | (4.23 - 8.67)                       | 7.91              | (5.81 - 10.69)                      |
| Region 2d                       | 5.88                | (4.20 - 8.17)                         | 17.66               | (13.51 - 22.76)                       | 4.89              | (3.48 - 6.84)                       | 6.82              | (5.20 - 8.90)                       |
| Region 3                        | 6.97                | (5.36 - 9.03)                         | 21.01               | (17.62 - 24.85)                       | 6.48              | (5.06 - 8.26)                       | 8.88              | (7.38 - 10.64)                      |
| Region 3a (Champaign)           | *                   | (* - *)                               | *                   | (* - *)                               | 8.98              | (6.46 - 12.34)                      | 13.85             | (10.88 - 17.48)                     |
| Region 3b                       | 6.92                | (5.19 - 9.19)                         | 19.27               | (15.46 - 23.76)                       | 6.13              | (4.62 - 8.09)                       | 8.03              | (6.43 - 9.99)                       |
| Region 4                        | 6.03                | (4.56 - 7.94)                         | 20.01               | (16.00 - 24.71)                       | 5.80              | (4.46 - 7.52)                       | 7.73              | (6.23 - 9.54)                       |
| Region 4a (Sangamon)            | *                   | (* - *)                               | *                   | (* - *)                               | 6.38              | (4.42 - 9.12)                       | 8.22              | (6.03 - 11.11)                      |
| Region 4b                       | 5.91                | (4.23 - 8.20)                         | 19.74               | (15.13 - 25.33)                       | 5.63              | (4.12 - 7.66)                       | 7.58              | (5.87 - 9.75)                       |
| Region 5                        | 5.98                | (4.59 - 7.75)                         | 18.92               | (15.51 - 22.89)                       | 5.85              | (4.59 - 7.43)                       | 7.64              | (6.27 - 9.28)                       |
| Region 5a                       | 5.96                | (4.24 - 8.32)                         | 21.77               | (16.71 - 27.85)                       | 6.16              | (4.42 - 8.54)                       | 8.28              | (6.31 - 10.79)                      |
| Region 5b                       | 5.99                | (4.26 - 8.37)                         | 16.69               | (12.73 - 21.59)                       | 5.61              | (4.10 - 7.63)                       | 7.13              | (5.50 - 9.21)                       |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 7.39                | (6.05 - 9.00)                         | 20.69               | (18.08 - 23.57)                       | 6.96              | (5.78 - 8.37)                       | 9.03              | (7.86 - 10.35)                      |
| Central                                     | 6.76                | (4.95 - 9.18)                         | 18.31               | (14.52 - 22.82)                       | 6.36              | (4.82 - 8.34)                       | 8.01              | (6.43 - 9.94)                       |
| East                                        | 8.24                | (5.71 - 11.76)                        | *                   | (* - *)                               | 7.98              | (5.64 - 11.19)                      | 10.55             | (7.95 - 13.86)                      |
| North Central                               | 7.10                | (5.05 - 9.90)                         | 20.08               | (15.28 - 25.92)                       | 6.62              | (4.80 - 9.08)                       | 8.57              | (6.58 - 11.08)                      |
| Northeast                                   | 7.90                | (5.50 - 11.21)                        | 19.77               | (14.96 - 25.66)                       | 7.14              | (5.06 - 10.00)                      | 8.97              | (6.74 - 11.84)                      |
| Northwest                                   | 7.52                | (5.37 - 10.43)                        | 20.26               | (15.37 - 26.22)                       | 6.44              | (4.51 - 9.11)                       | 8.39              | (6.31 - 11.08)                      |
| Southeast                                   | 8.03                | (5.66 - 11.29)                        | *                   | (* - *)                               | 7.30              | (5.18 - 10.20)                      | 9.16              | (6.88 - 12.10)                      |
| Southwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | 6.08              | (4.20 - 8.72)                       | 7.71              | (5.67 - 10.39)                      |
| West                                        | 8.08                | (5.59 - 11.55)                        | *                   | (* - *)                               | 8.88              | (6.33 - 12.31)                      | 12.23             | (9.45 - 15.69)                      |
| <b>Iowa</b>                                 | 5.09                | (4.05 - 6.38)                         | 12.69               | (10.59 - 15.14)                       | 3.59              | (2.82 - 4.55)                       | 4.97              | (4.15 - 5.94)                       |
| Central                                     | 5.48                | (3.82 - 7.81)                         | 13.11               | (9.61 - 17.62)                        | 4.13              | (2.86 - 5.93)                       | 5.41              | (4.02 - 7.26)                       |
| North Central                               | 5.26                | (3.62 - 7.60)                         | 13.49               | (9.82 - 18.25)                        | 3.49              | (2.35 - 5.17)                       | 5.40              | (3.97 - 7.31)                       |
| Northeast                                   | 5.33                | (3.79 - 7.44)                         | 13.55               | (10.35 - 17.56)                       | 3.74              | (2.70 - 5.17)                       | 5.23              | (4.05 - 6.74)                       |
| Northwest                                   | 4.88                | (3.37 - 7.02)                         | 11.25               | (8.04 - 15.53)                        | 3.15              | (2.14 - 4.63)                       | 4.27              | (3.10 - 5.86)                       |
| Southeast                                   | 4.48                | (3.13 - 6.36)                         | 11.79               | (8.68 - 15.82)                        | 3.39              | (2.32 - 4.94)                       | 4.74              | (3.51 - 6.38)                       |
| Southwest                                   | 5.20                | (3.53 - 7.60)                         | 12.82               | (9.00 - 17.95)                        | 3.38              | (2.24 - 5.08)                       | 4.58              | (3.24 - 6.45)                       |
| <b>Kansas</b>                               | 6.26                | (5.03 - 7.77)                         | 15.35               | (13.12 - 17.87)                       | 5.60              | (4.57 - 6.85)                       | 7.10              | (6.06 - 8.31)                       |
| Northeast                                   | 6.28                | (4.67 - 8.39)                         | 15.88               | (12.94 - 19.35)                       | 5.94              | (4.60 - 7.63)                       | 7.55              | (6.19 - 9.19)                       |
| Northwest and North Central                 | 6.21                | (4.18 - 9.13)                         | *                   | (* - *)                               | 4.98              | (3.29 - 7.47)                       | 6.40              | (4.50 - 9.03)                       |
| South Central                               | 6.07                | (4.41 - 8.29)                         | 14.61               | (11.34 - 18.61)                       | 5.34              | (3.98 - 7.12)                       | 6.69              | (5.27 - 8.45)                       |
| Southeast                                   | 7.12                | (4.89 - 10.26)                        | *                   | (* - *)                               | 5.74              | (3.88 - 8.42)                       | 7.32              | (5.23 - 10.15)                      |
| Southwest                                   | 6.15                | (4.18 - 8.97)                         | 12.32               | (8.67 - 17.20)                        | 4.70              | (3.14 - 6.99)                       | 5.90              | (4.18 - 8.27)                       |
| <b>Kentucky</b>                             | 6.06                | (4.92 - 7.44)                         | 16.44               | (14.05 - 19.15)                       | 5.86              | (4.80 - 7.15)                       | 7.36              | (6.28 - 8.61)                       |
| Adanta, Cumberland River,<br>and Lifeskills | 5.78                | (4.09 - 8.11)                         | 14.35               | (10.70 - 18.99)                       | 5.02              | (3.54 - 7.07)                       | 6.37              | (4.77 - 8.45)                       |
| Bluegrass, Comprehend, and<br>North Key     | 6.15                | (4.51 - 8.35)                         | 17.59               | (14.03 - 21.82)                       | 6.11              | (4.58 - 8.12)                       | 7.83              | (6.24 - 9.78)                       |
| Centerstone                                 | 6.62                | (4.83 - 9.00)                         | 19.28               | (14.85 - 24.65)                       | 6.83              | (5.05 - 9.18)                       | 8.49              | (6.59 - 10.87)                      |
| Communicare and River Valley                | 5.82                | (4.01 - 8.38)                         | 14.51               | (10.56 - 19.62)                       | 5.58              | (3.85 - 8.02)                       | 6.82              | (4.96 - 9.31)                       |
| Four Rivers and Pennyroyal                  | 5.28                | (3.60 - 7.68)                         | 13.80               | (9.93 - 18.86)                        | 4.59              | (3.08 - 6.80)                       | 5.95              | (4.27 - 8.23)                       |
| Kentucky River, Mountain,<br>and Pathways   | 5.95                | (4.14 - 8.47)                         | 15.26               | (11.12 - 20.59)                       | 5.88              | (4.08 - 8.40)                       | 7.12              | (5.21 - 9.66)                       |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 5.52                | (4.39 - 6.92)                         | 17.00               | (14.58 - 19.73)                       | 5.03              | (4.08 - 6.19)                       | 6.79              | (5.79 - 7.95)                       |
| Regions 1 and 10      | 6.69                | (4.92 - 9.03)                         | 21.98               | (17.51 - 27.22)                       | 7.21              | (5.42 - 9.54)                       | 9.25              | (7.32 - 11.62)                      |
| Region 1              | 7.43                | (5.03 - 10.83)                        | *                   | (* - *)                               | 9.72              | (6.89 - 13.55)                      | 12.19             | (9.15 - 16.06)                      |
| Region 10 (Jefferson) | 5.92                | (4.05 - 8.59)                         | 16.61               | (12.27 - 22.10)                       | 4.56              | (3.13 - 6.59)                       | 6.02              | (4.41 - 8.16)                       |
| Regions 2 and 9       | 5.88                | (4.19 - 8.21)                         | 19.49               | (15.62 - 24.04)                       | 5.04              | (3.67 - 6.88)                       | 7.25              | (5.73 - 9.12)                       |
| Region 3              | 4.82                | (3.33 - 6.94)                         | 13.44               | (9.80 - 18.16)                        | 4.12              | (2.83 - 5.95)                       | 5.44              | (4.01 - 7.35)                       |
| Regions 4, 5, and 6   | 5.16                | (3.65 - 7.23)                         | 13.91               | (10.46 - 18.27)                       | 4.46              | (3.16 - 6.27)                       | 5.85              | (4.40 - 7.72)                       |
| Regions 7 and 8       | 4.82                | (3.36 - 6.88)                         | 14.39               | (10.86 - 18.81)                       | 3.91              | (2.79 - 5.45)                       | 5.50              | (4.22 - 7.14)                       |
| <b>Maine</b>          | 10.10               | (8.44 - 12.05)                        | 30.64               | (27.32 - 34.17)                       | 13.25             | (11.47 - 15.25)                     | 15.33             | (13.65 - 17.17)                     |
| Aroostook/Downeast    | 10.41               | (7.88 - 13.65)                        | 29.52               | (24.20 - 35.45)                       | 13.27             | (10.33 - 16.90)                     | 15.04             | (12.11 - 18.53)                     |
| Aroostook             | 10.08               | (7.24 - 13.86)                        | *                   | (* - *)                               | 12.68             | (9.29 - 17.06)                      | 14.34             | (10.93 - 18.59)                     |
| Downeast              | *                   | (* - *)                               | *                   | (* - *)                               | 13.74             | (9.92 - 18.74)                      | 15.61             | (11.74 - 20.44)                     |
| Central               | 10.26               | (7.44 - 13.99)                        | *                   | (* - *)                               | 13.09             | (9.87 - 17.15)                      | 15.09             | (11.87 - 18.99)                     |
| Cumberland            | 9.68                | (7.22 - 12.88)                        | 33.79               | (28.24 - 39.83)                       | 13.73             | (10.86 - 17.22)                     | 16.20             | (13.41 - 19.44)                     |
| Midcoast              | 10.51               | (7.62 - 14.34)                        | *                   | (* - *)                               | 12.53             | (9.52 - 16.33)                      | 14.26             | (11.19 - 18.00)                     |
| Penquis               | 10.89               | (7.96 - 14.73)                        | *                   | (* - *)                               | 14.31             | (11.01 - 18.39)                     | 16.62             | (13.33 - 20.53)                     |
| Western               | 9.94                | (7.36 - 13.29)                        | *                   | (* - *)                               | 13.73             | (10.53 - 17.72)                     | 15.73             | (12.52 - 19.57)                     |
| York                  | 9.61                | (7.03 - 12.99)                        | *                   | (* - *)                               | 11.87             | (8.93 - 15.62)                      | 13.79             | (10.84 - 17.39)                     |
| <b>Maryland</b>       | 8.18                | (6.77 - 9.86)                         | 25.58               | (22.63 - 28.78)                       | 7.61              | (6.40 - 9.02)                       | 10.06             | (8.84 - 11.43)                      |
| Anne Arundel          | 8.35                | (5.93 - 11.63)                        | *                   | (* - *)                               | 7.53              | (5.30 - 10.60)                      | 9.90              | (7.44 - 13.07)                      |
| Baltimore City        | 8.30                | (5.91 - 11.53)                        | *                   | (* - *)                               | 13.47             | (10.29 - 17.46)                     | 15.94             | (12.77 - 19.72)                     |
| Baltimore County      | 8.88                | (6.30 - 12.36)                        | *                   | (* - *)                               | 7.43              | (5.33 - 10.26)                      | 10.00             | (7.69 - 12.92)                      |
| Montgomery            | 7.20                | (5.18 - 9.94)                         | 22.44               | (17.36 - 28.50)                       | 5.52              | (4.07 - 7.45)                       | 7.46              | (5.83 - 9.51)                       |
| North Central         | 7.44                | (5.26 - 10.43)                        | *                   | (* - *)                               | 5.91              | (4.07 - 8.50)                       | 7.87              | (5.83 - 10.56)                      |
| Northeast             | 8.88                | (6.29 - 12.40)                        | *                   | (* - *)                               | 7.01              | (4.92 - 9.88)                       | 9.25              | (6.95 - 12.21)                      |
| Prince George's       | 8.91                | (6.30 - 12.46)                        | *                   | (* - *)                               | 8.19              | (5.95 - 11.19)                      | 11.56             | (9.11 - 14.55)                      |
| South                 | 7.09                | (4.96 - 10.05)                        | *                   | (* - *)                               | 6.21              | (4.28 - 8.92)                       | 8.55              | (6.36 - 11.41)                      |
| West                  | 9.09                | (6.48 - 12.60)                        | *                   | (* - *)                               | 8.00              | (5.73 - 11.05)                      | 10.20             | (7.76 - 13.31)                      |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 8.76                | (7.34 - 10.42)                        | 27.63               | (24.52 - 30.98)                       | 9.93              | (8.53 - 11.54)                      | 12.56             | (11.19 - 14.07)                     |
| Boston                | 7.60                | (5.33 - 10.74)                        | *                   | (* - *)                               | 12.45             | (9.43 - 16.26)                      | 15.85             | (12.73 - 19.55)                     |
| Central               | 9.41                | (6.84 - 12.82)                        | *                   | (* - *)                               | 10.48             | (7.78 - 13.98)                      | 12.78             | (10.00 - 16.18)                     |
| Metrowest             | 8.47                | (6.31 - 11.28)                        | 30.44               | (24.66 - 36.90)                       | 9.87              | (7.69 - 12.58)                      | 12.66             | (10.37 - 15.35)                     |
| Northeast             | 8.62                | (6.38 - 11.56)                        | 25.07               | (20.17 - 30.70)                       | 8.51              | (6.58 - 10.95)                      | 10.71             | (8.70 - 13.12)                      |
| Southeast             | 8.96                | (6.66 - 11.94)                        | 26.24               | (20.71 - 32.64)                       | 9.38              | (7.10 - 12.31)                      | 11.55             | (9.16 - 14.46)                      |
| Western               | 9.33                | (6.68 - 12.90)                        | *                   | (* - *)                               | 10.18             | (7.54 - 13.62)                      | 13.18             | (10.44 - 16.51)                     |
| <b>Michigan</b>       | 7.81                | (6.81 - 8.95)                         | 22.67               | (20.81 - 24.64)                       | 8.67              | (7.74 - 9.71)                       | 10.72             | (9.84 - 11.67)                      |
| Region 1              | 8.28                | (5.92 - 11.48)                        | 20.83               | (15.90 - 26.79)                       | 8.46              | (6.18 - 11.46)                      | 10.22             | (7.85 - 13.20)                      |
| Region 2              | 7.47                | (5.34 - 10.35)                        | *                   | (* - *)                               | 7.04              | (5.00 - 9.82)                       | 8.49              | (6.33 - 11.30)                      |
| Region 3              | 7.19                | (5.45 - 9.45)                         | 21.26               | (17.52 - 25.55)                       | 7.99              | (6.29 - 10.11)                      | 10.02             | (8.28 - 12.08)                      |
| Region 4              | 8.27                | (6.18 - 10.98)                        | 20.13               | (16.30 - 24.59)                       | 7.94              | (6.20 - 10.11)                      | 9.78              | (8.01 - 11.88)                      |
| Region 5              | 7.16                | (5.55 - 9.18)                         | 21.99               | (18.56 - 25.86)                       | 8.82              | (7.14 - 10.85)                      | 11.06             | (9.43 - 12.93)                      |
| Region 6              | 6.80                | (5.01 - 9.16)                         | 22.33               | (17.84 - 27.57)                       | 8.13              | (6.23 - 10.55)                      | 10.50             | (8.47 - 12.94)                      |
| Region 7              | 8.22                | (6.42 - 10.46)                        | 24.71               | (20.95 - 28.90)                       | 10.65             | (8.61 - 13.12)                      | 12.75             | (10.77 - 15.04)                     |
| Region 8              | 8.31                | (6.39 - 10.74)                        | 24.11               | (19.80 - 29.02)                       | 7.75              | (6.11 - 9.79)                       | 9.77              | (8.08 - 11.78)                      |
| Region 9              | 8.26                | (6.11 - 11.09)                        | 24.18               | (19.66 - 29.37)                       | 8.34              | (6.44 - 10.74)                      | 10.34             | (8.36 - 12.72)                      |
| Region 10             | 8.60                | (6.39 - 11.48)                        | 23.90               | (19.08 - 29.51)                       | 9.60              | (7.32 - 12.50)                      | 11.53             | (9.19 - 14.37)                      |
| <b>Minnesota</b>      | 6.09                | (4.93 - 7.49)                         | 18.42               | (15.85 - 21.31)                       | 6.09              | (5.00 - 7.39)                       | 7.79              | (6.68 - 9.07)                       |
| Regions 1 and 2       | 6.26                | (4.61 - 8.45)                         | 19.14               | (14.64 - 24.63)                       | 6.11              | (4.43 - 8.38)                       | 7.84              | (5.97 - 10.24)                      |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | 5.90              | (3.95 - 8.72)                       | 7.49              | (5.31 - 10.47)                      |
| Region 2              | 6.27                | (4.27 - 9.11)                         | *                   | (* - *)                               | 6.24              | (4.19 - 9.20)                       | 8.05              | (5.73 - 11.20)                      |
| Regions 3 and 4       | 6.02                | (4.44 - 8.10)                         | 17.60               | (13.93 - 21.99)                       | 5.31              | (3.94 - 7.14)                       | 7.06              | (5.56 - 8.94)                       |
| Region 3              | 6.23                | (4.18 - 9.19)                         | *                   | (* - *)                               | 5.40              | (3.53 - 8.16)                       | 7.03              | (4.91 - 9.96)                       |
| Region 4              | 5.92                | (4.15 - 8.37)                         | 17.70               | (13.45 - 22.95)                       | 5.27              | (3.73 - 7.40)                       | 7.08              | (5.37 - 9.28)                       |
| Regions 5 and 6       | 6.09                | (4.53 - 8.13)                         | 17.23               | (13.74 - 21.39)                       | 5.33              | (3.94 - 7.17)                       | 7.06              | (5.55 - 8.96)                       |
| Region 5              | 5.95                | (4.11 - 8.54)                         | 16.90               | (12.73 - 22.10)                       | 5.10              | (3.52 - 7.34)                       | 6.83              | (5.06 - 9.15)                       |
| Region 6              | 6.22                | (4.24 - 9.02)                         | *                   | (* - *)                               | 5.56              | (3.79 - 8.09)                       | 7.31              | (5.32 - 9.96)                       |
| Region 7              | 6.08                | (4.77 - 7.72)                         | 19.00               | (15.96 - 22.46)                       | 6.58              | (5.28 - 8.16)                       | 8.25              | (6.93 - 9.81)                       |
| Region 7A (Hennepin)  | 5.63                | (4.05 - 7.78)                         | 20.12               | (15.82 - 25.23)                       | 7.13              | (5.27 - 9.58)                       | 8.83              | (6.92 - 11.21)                      |
| Region 7B (Ramsey)    | 5.70                | (3.93 - 8.20)                         | *                   | (* - *)                               | 6.98              | (4.98 - 9.72)                       | 8.70              | (6.53 - 11.50)                      |
| Region 7C             | 6.57                | (4.77 - 9.00)                         | 18.47               | (14.23 - 23.62)                       | 5.84              | (4.26 - 7.96)                       | 7.46              | (5.76 - 9.62)                       |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 5.12                | (4.02 - 6.49)                         | 15.15               | (12.84 - 17.80)                       | 4.16              | (3.31 - 5.20)                       | 5.83              | (4.92 - 6.90)                       |
| Region 1                               | 5.65                | (4.00 - 7.94)                         | 17.21               | (13.28 - 22.00)                       | 4.41              | (3.18 - 6.09)                       | 6.35              | (4.95 - 8.11)                       |
| Region 2                               | 5.16                | (3.51 - 7.54)                         | 14.23               | (10.47 - 19.04)                       | 4.77              | (3.30 - 6.86)                       | 6.23              | (4.60 - 8.37)                       |
| Region 3                               | 4.70                | (3.20 - 6.84)                         | 13.53               | (9.90 - 18.20)                        | 3.56              | (2.41 - 5.24)                       | 5.26              | (3.87 - 7.13)                       |
| Region 4                               | 5.09                | (3.50 - 7.35)                         | 16.53               | (12.67 - 21.28)                       | 4.48              | (3.16 - 6.31)                       | 6.28              | (4.81 - 8.18)                       |
| Region 5                               | 5.38                | (3.57 - 8.03)                         | *                   | (* - *)                               | 4.15              | (2.70 - 6.35)                       | 5.60              | (3.90 - 7.98)                       |
| Region 6                               | 4.69                | (3.19 - 6.85)                         | 13.55               | (9.97 - 18.15)                        | 3.84              | (2.67 - 5.51)                       | 5.37              | (4.00 - 7.17)                       |
| Region 7                               | 4.87                | (3.31 - 7.11)                         | 14.21               | (10.20 - 19.45)                       | 3.67              | (2.50 - 5.37)                       | 5.15              | (3.75 - 7.04)                       |
| <b>Missouri</b>                        | 5.94                | (4.85 - 7.25)                         | 18.76               | (16.27 - 21.53)                       | 6.42              | (5.33 - 7.72)                       | 8.18              | (7.09 - 9.42)                       |
| Central                                | 5.07                | (3.55 - 7.18)                         | 17.43               | (13.19 - 22.69)                       | 5.43              | (3.78 - 7.75)                       | 7.54              | (5.69 - 9.92)                       |
| Eastern                                | 6.72                | (5.15 - 8.73)                         | 20.88               | (17.16 - 25.16)                       | 7.37              | (5.81 - 9.32)                       | 9.20              | (7.59 - 11.11)                      |
| Eastern (St. Louis City and<br>County) | 6.84                | (4.85 - 9.57)                         | 22.59               | (17.73 - 28.34)                       | 8.29              | (6.26 - 10.91)                      | 10.26             | (8.15 - 12.85)                      |
| Eastern (excluding St. Louis)          | 6.55                | (4.71 - 9.04)                         | 17.79               | (13.47 - 23.14)                       | 5.79              | (4.18 - 7.97)                       | 7.38              | (5.65 - 9.59)                       |
| Northwest                              | 6.32                | (4.79 - 8.30)                         | 20.47               | (16.57 - 25.01)                       | 7.02              | (5.43 - 9.03)                       | 8.89              | (7.22 - 10.91)                      |
| Northwest (Jackson)                    | 7.08                | (5.03 - 9.89)                         | 21.92               | (16.87 - 27.97)                       | 8.28              | (6.10 - 11.15)                      | 10.11             | (7.84 - 12.96)                      |
| Northwest (excluding Jackson)          | 5.72                | (4.00 - 8.11)                         | *                   | (* - *)                               | 5.94              | (4.21 - 8.32)                       | 7.86              | (5.94 - 10.33)                      |
| Southeast                              | 4.91                | (3.42 - 7.01)                         | 14.38               | (10.57 - 19.26)                       | 5.14              | (3.57 - 7.34)                       | 6.39              | (4.70 - 8.62)                       |
| Southwest                              | 5.09                | (3.56 - 7.21)                         | 16.22               | (12.27 - 21.13)                       | 5.17              | (3.69 - 7.20)                       | 6.73              | (5.11 - 8.80)                       |
| <b>Montana</b>                         | 8.40                | (6.94 - 10.13)                        | 23.08               | (20.35 - 26.05)                       | 10.32             | (8.85 - 12.00)                      | 12.12             | (10.72 - 13.67)                     |
| Region 1                               | 7.18                | (5.00 - 10.19)                        | *                   | (* - *)                               | 8.31              | (5.73 - 11.89)                      | 9.73              | (7.09 - 13.21)                      |
| Region 2                               | 7.55                | (5.42 - 10.40)                        | 17.35               | (13.20 - 22.48)                       | 8.62              | (6.43 - 11.49)                      | 9.90              | (7.69 - 12.67)                      |
| Region 3                               | 8.14                | (5.89 - 11.14)                        | 19.42               | (15.12 - 24.59)                       | 7.99              | (6.00 - 10.56)                      | 9.47              | (7.45 - 11.97)                      |
| Region 4                               | 8.38                | (6.23 - 11.18)                        | 25.70               | (21.11 - 30.90)                       | 11.30             | (8.92 - 14.22)                      | 13.46             | (11.11 - 16.22)                     |
| Region 5                               | 9.43                | (7.13 - 12.36)                        | 26.41               | (21.99 - 31.36)                       | 12.35             | (9.91 - 15.28)                      | 14.34             | (11.99 - 17.07)                     |
| <b>Nebraska</b>                        | 5.77                | (4.61 - 7.20)                         | 17.58               | (15.06 - 20.43)                       | 5.20              | (4.17 - 6.47)                       | 7.08              | (6.02 - 8.31)                       |
| Regions 1 and 2                        | 5.74                | (4.18 - 7.83)                         | 16.46               | (12.33 - 21.64)                       | 4.56              | (3.21 - 6.43)                       | 6.16              | (4.61 - 8.20)                       |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | 4.81              | (3.17 - 7.26)                       | 6.40              | (4.46 - 9.10)                       |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | 4.33              | (2.80 - 6.65)                       | 5.95              | (4.13 - 8.50)                       |
| Region 3                               | 5.26                | (3.70 - 7.42)                         | 17.10               | (12.91 - 22.29)                       | 4.21              | (2.91 - 6.06)                       | 6.13              | (4.62 - 8.08)                       |
| Region 4                               | 5.30                | (3.65 - 7.63)                         | 14.92               | (10.88 - 20.12)                       | 3.92              | (2.65 - 5.79)                       | 5.50              | (3.99 - 7.52)                       |
| Region 5                               | 5.40                | (3.87 - 7.48)                         | 16.88               | (12.90 - 21.78)                       | 4.93              | (3.57 - 6.78)                       | 6.95              | (5.41 - 8.90)                       |
| Region 6                               | 6.23                | (4.61 - 8.37)                         | 19.12               | (15.53 - 23.31)                       | 6.15              | (4.66 - 8.07)                       | 8.09              | (6.56 - 9.94)                       |

See notes at end of table.

(continued)



**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 8.46                | (6.85 - 10.39)                        | 17.61               | (14.98 - 20.59)                       | 6.41              | (5.23 - 7.85)                       | 7.89              | (6.72 - 9.24)                       |
| Clark – Region 1        | 8.33                | (6.50 - 10.63)                        | 16.84               | (13.90 - 20.25)                       | 6.12              | (4.85 - 7.70)                       | 7.55              | (6.29 - 9.05)                       |
| Region 3                | 8.02                | (5.85 - 10.90)                        | 17.24               | (12.91 - 22.64)                       | 5.78              | (4.09 - 8.12)                       | 7.12              | (5.28 - 9.54)                       |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | 5.86              | (3.74 - 9.06)                       | 7.34              | (4.97 - 10.69)                      |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | 5.71              | (3.79 - 8.52)                       | 6.93              | (4.85 - 9.81)                       |
| Washoe – Region 2       | 9.41                | (6.84 - 12.81)                        | 21.35               | (16.54 - 27.10)                       | 8.26              | (6.02 - 11.22)                      | 10.03             | (7.75 - 12.89)                      |
| <b>New Hampshire</b>    | 8.60                | (7.14 - 10.33)                        | 29.78               | (26.47 - 33.31)                       | 10.06             | (8.61 - 11.73)                      | 12.74             | (11.30 - 14.33)                     |
| Central                 | 8.76                | (6.89 - 11.07)                        | 29.61               | (25.23 - 34.41)                       | 10.46             | (8.47 - 12.85)                      | 13.22             | (11.20 - 15.54)                     |
| Central 1               | 9.35                | (6.90 - 12.57)                        | *                   | (* - *)                               | 11.58             | (8.81 - 15.07)                      | 14.93             | (12.02 - 18.38)                     |
| Central 2               | 8.22                | (6.01 - 11.15)                        | 26.14               | (21.28 - 31.67)                       | 9.40              | (7.12 - 12.31)                      | 11.54             | (9.26 - 14.30)                      |
| Northern                | 10.27               | (7.42 - 14.05)                        | *                   | (* - *)                               | 11.92             | (8.90 - 15.77)                      | 15.22             | (12.17 - 18.87)                     |
| Southern                | 8.23                | (6.57 - 10.27)                        | 28.51               | (24.41 - 32.99)                       | 9.46              | (7.81 - 11.42)                      | 11.94             | (10.26 - 13.85)                     |
| Southern 1 (Rockingham) | 7.19                | (5.19 - 9.87)                         | *                   | (* - *)                               | 7.23              | (5.36 - 9.67)                       | 9.47              | (7.44 - 11.97)                      |
| Southern 2              | 8.91                | (6.79 - 11.60)                        | 29.81               | (24.90 - 35.25)                       | 10.88             | (8.73 - 13.49)                      | 13.49             | (11.32 - 15.99)                     |
| <b>New Jersey</b>       | 6.09                | (5.02 - 7.36)                         | 20.10               | (17.83 - 22.59)                       | 5.17              | (4.31 - 6.19)                       | 7.12              | (6.25 - 8.09)                       |
| Central                 | 6.16                | (4.52 - 8.35)                         | 20.88               | (16.97 - 25.41)                       | 5.12              | (3.81 - 6.86)                       | 7.10              | (5.70 - 8.82)                       |
| Metropolitan            | 5.38                | (3.93 - 7.33)                         | 18.45               | (14.82 - 22.74)                       | 4.98              | (3.71 - 6.66)                       | 6.87              | (5.51 - 8.52)                       |
| Northern                | 6.22                | (4.77 - 8.09)                         | 19.52               | (16.17 - 23.38)                       | 5.02              | (3.92 - 6.41)                       | 6.83              | (5.66 - 8.22)                       |
| Southern                | 6.63                | (4.85 - 9.01)                         | 22.15               | (17.93 - 27.04)                       | 5.68              | (4.29 - 7.47)                       | 7.88              | (6.38 - 9.68)                       |
| <b>New Mexico</b>       | 9.03                | (7.48 - 10.86)                        | 22.79               | (19.92 - 25.95)                       | 8.83              | (7.42 - 10.49)                      | 10.85             | (9.46 - 12.43)                      |
| Region 1                | 8.16                | (6.01 - 11.00)                        | 19.65               | (15.22 - 25.00)                       | 7.79              | (5.75 - 10.47)                      | 9.52              | (7.41 - 12.15)                      |
| Region 2                | 10.48               | (7.58 - 14.31)                        | *                   | (* - *)                               | 10.96             | (8.01 - 14.82)                      | 13.03             | (9.98 - 16.84)                      |
| Region 3 (Bernalillo)   | 9.95                | (7.59 - 12.94)                        | 25.05               | (20.78 - 29.87)                       | 9.88              | (7.75 - 12.53)                      | 12.02             | (9.89 - 14.53)                      |
| Region 4                | 7.82                | (5.57 - 10.88)                        | *                   | (* - *)                               | 7.59              | (5.42 - 10.52)                      | 9.68              | (7.35 - 12.66)                      |
| Region 5                | 8.53                | (6.48 - 11.15)                        | 20.66               | (16.62 - 25.39)                       | 7.29              | (5.58 - 9.48)                       | 9.44              | (7.61 - 11.65)                      |
| Region 5a               | 9.36                | (6.57 - 13.17)                        | *                   | (* - *)                               | 8.29              | (5.88 - 11.56)                      | 10.18             | (7.60 - 13.49)                      |
| Region 5b (Dona Ana)    | 7.87                | (5.51 - 11.13)                        | 19.45               | (14.69 - 25.30)                       | 6.33              | (4.41 - 8.99)                       | 8.76              | (6.60 - 11.53)                      |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 7.31                | (6.39 - 8.36)                         | 22.43               | (20.75 - 24.21)                       | 7.73              | (6.93 - 8.62)                       | 9.85              | (9.09 - 10.68)                      |
| Region 1: Long Island                          | 8.16                | (6.39 - 10.37)                        | 24.05               | (20.24 - 28.31)                       | 6.51              | (5.16 - 8.20)                       | 8.91              | (7.49 - 10.56)                      |
| Region 2: New York City                        | 6.66                | (5.56 - 7.97)                         | 20.68               | (18.50 - 23.05)                       | 8.31              | (7.25 - 9.50)                       | 10.04             | (9.00 - 11.19)                      |
| Region 2A: Bronx                               | 5.87                | (4.24 - 8.08)                         | 16.68               | (13.06 - 21.06)                       | 6.01              | (4.50 - 7.97)                       | 7.81              | (6.18 - 9.83)                       |
| Region 2B: Kings                               | 6.78                | (5.08 - 8.99)                         | 21.84               | (18.11 - 26.09)                       | 9.07              | (7.34 - 11.15)                      | 10.91             | (9.18 - 12.91)                      |
| Region 2C: New York                            | 9.23                | (6.73 - 12.54)                        | 28.39               | (23.56 - 33.77)                       | 12.67             | (10.13 - 15.74)                     | 14.69             | (12.19 - 17.59)                     |
| Region 2D: Queens                              | 5.65                | (4.14 - 7.66)                         | 15.91               | (12.62 - 19.87)                       | 5.73              | (4.44 - 7.38)                       | 7.03              | (5.67 - 8.69)                       |
| Region 2E: Richmond                            | 7.45                | (5.32 - 10.34)                        | *                   | (* - *)                               | 6.91              | (4.93 - 9.60)                       | 9.14              | (6.92 - 11.97)                      |
| Region 3: Mid-Hudson                           | 7.05                | (5.41 - 9.13)                         | 23.26               | (19.02 - 28.11)                       | 6.26              | (4.88 - 7.99)                       | 8.71              | (7.19 - 10.52)                      |
| Region 4: Capital Region                       | 8.44                | (6.21 - 11.37)                        | 29.23               | (23.97 - 35.11)                       | 8.84              | (6.74 - 11.51)                      | 11.82             | (9.61 - 14.46)                      |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | 7.93              | (5.69 - 10.95)                      | 10.12             | (7.65 - 13.27)                      |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | 8.51              | (6.15 - 11.67)                      | 10.61             | (8.02 - 13.91)                      |
| Region 7: Tug Hill Seaway                      | 6.11                | (4.27 - 8.66)                         | *                   | (* - *)                               | 6.23              | (4.39 - 8.76)                       | 8.53              | (6.40 - 11.29)                      |
| Region 8: Central                              | 7.47                | (5.63 - 9.86)                         | 23.63               | (19.16 - 28.76)                       | 8.10              | (6.22 - 10.47)                      | 10.59             | (8.63 - 12.94)                      |
| Region 9: Southern Tier                        | 6.76                | (4.81 - 9.42)                         | 22.88               | (17.80 - 28.90)                       | 7.30              | (5.32 - 9.94)                       | 10.24             | (8.00 - 13.01)                      |
| Region 10: Finger Lakes                        | 7.65                | (5.70 - 10.20)                        | 21.31               | (17.15 - 26.16)                       | 7.63              | (5.83 - 9.93)                       | 9.69              | (7.79 - 12.01)                      |
| Region 11: Western                             | 8.21                | (6.34 - 10.56)                        | 23.89               | (19.77 - 28.56)                       | 8.28              | (6.57 - 10.38)                      | 10.57             | (8.81 - 12.63)                      |
| <b>North Carolina</b>                          | 6.23                | (5.19 - 7.45)                         | 19.25               | (17.21 - 21.48)                       | 6.08              | (5.17 - 7.13)                       | 7.92              | (7.02 - 8.93)                       |
| Alliance Behavioral<br>Healthcare 1            | 5.87                | (4.23 - 8.09)                         | 20.83               | (16.27 - 26.26)                       | 6.93              | (5.09 - 9.37)                       | 9.09              | (7.13 - 11.54)                      |
| Alliance Behavioral<br>Healthcare 2            | 5.90                | (4.20 - 8.23)                         | 18.76               | (14.14 - 24.45)                       | 6.01              | (4.32 - 8.30)                       | 7.78              | (5.92 - 10.17)                      |
| Cardinal Innovations<br>Healthcare Solutions 1 | 5.65                | (3.99 - 7.95)                         | 17.04               | (12.64 - 22.56)                       | 5.78              | (4.09 - 8.09)                       | 7.23              | (5.40 - 9.61)                       |
| Cardinal Innovations<br>Healthcare Solutions 2 | 5.93                | (4.18 - 8.37)                         | 17.63               | (13.22 - 23.12)                       | 5.36              | (3.83 - 7.45)                       | 7.17              | (5.42 - 9.43)                       |
| Cardinal Innovations<br>Healthcare Solutions 3 | 7.30                | (5.20 - 10.14)                        | 22.28               | (17.66 - 27.70)                       | 7.51              | (5.60 - 10.00)                      | 9.52              | (7.51 - 12.00)                      |
| CenterPoint Human Services                     | 6.20                | (4.37 - 8.73)                         | 19.57               | (14.74 - 25.50)                       | 6.15              | (4.37 - 8.58)                       | 7.95              | (5.98 - 10.49)                      |
| Eastpointe                                     | 5.16                | (3.64 - 7.26)                         | 14.35               | (10.85 - 18.74)                       | 4.79              | (3.40 - 6.70)                       | 6.11              | (4.61 - 8.07)                       |
| Partners Behavioral Health<br>Management       | 6.62                | (4.68 - 9.29)                         | 18.32               | (13.91 - 23.75)                       | 5.78              | (4.16 - 7.97)                       | 7.36              | (5.60 - 9.61)                       |
| Sandhills Center 1                             | *                   | (* - *)                               | 16.60               | (12.32 - 22.00)                       | 5.61              | (3.90 - 8.01)                       | 7.04              | (5.19 - 9.48)                       |
| Sandhills Center 2                             | 6.66                | (4.67 - 9.41)                         | *                   | (* - *)                               | 7.07              | (5.01 - 9.88)                       | 9.38              | (7.08 - 12.33)                      |
| Smoky Mountain Center 1                        | 7.06                | (4.92 - 10.03)                        | *                   | (* - *)                               | 5.94              | (4.21 - 8.31)                       | 8.04              | (6.09 - 10.54)                      |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | 17.52               | (13.04 - 23.13)                       | 5.36              | (3.73 - 7.64)                       | 6.68              | (4.91 - 9.04)                       |
| Trillium Health Resources 1                    | 6.26                | (4.40 - 8.83)                         | 19.93               | (15.54 - 25.20)                       | 5.96              | (4.32 - 8.17)                       | 8.17              | (6.33 - 10.48)                      |
| Trillium Health Resources 2                    | *                   | (* - *)                               | *                   | (* - *)                               | 6.61              | (4.64 - 9.33)                       | 9.28              | (7.04 - 12.15)                      |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 5.44                | (4.35 - 6.78)                         | 14.22               | (12.09 - 16.65)                       | 3.86              | (3.05 - 4.89)                       | 5.73              | (4.86 - 6.75)                       |
| Badlands and West Central     | 6.06                | (4.51 - 8.10)                         | 14.95               | (11.65 - 18.98)                       | 3.86              | (2.83 - 5.24)                       | 5.49              | (4.32 - 6.94)                       |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | 3.16              | (2.07 - 4.81)                       | 4.79              | (3.40 - 6.71)                       |
| West Central                  | 6.18                | (4.46 - 8.51)                         | 15.25               | (11.48 - 19.98)                       | 4.06              | (2.89 - 5.69)                       | 5.69              | (4.35 - 7.41)                       |
| Lake Region                   | 4.76                | (3.17 - 7.09)                         | *                   | (* - *)                               | 3.27              | (2.09 - 5.09)                       | 4.30              | (2.95 - 6.23)                       |
| North Central                 | 5.26                | (3.63 - 7.55)                         | 14.97               | (10.89 - 20.24)                       | 3.63              | (2.46 - 5.33)                       | 5.65              | (4.18 - 7.60)                       |
| Northeast                     | 5.39                | (3.78 - 7.63)                         | 15.23               | (11.58 - 19.77)                       | 4.29              | (2.95 - 6.19)                       | 7.00              | (5.37 - 9.09)                       |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | 3.56              | (2.30 - 5.47)                       | 5.11              | (3.56 - 7.30)                       |
| South Central                 | 5.50                | (3.71 - 8.08)                         | *                   | (* - *)                               | 3.03              | (1.94 - 4.71)                       | 4.51              | (3.16 - 6.38)                       |
| Southeast                     | 5.10                | (3.67 - 7.06)                         | 13.59               | (10.74 - 17.06)                       | 4.25              | (3.09 - 5.81)                       | 6.18              | (4.92 - 7.73)                       |
| <b>Ohio</b>                   | 6.14                | (5.27 - 7.15)                         | 19.59               | (17.76 - 21.56)                       | 6.53              | (5.75 - 7.42)                       | 8.35              | (7.58 - 9.19)                       |
| Boards 2, 46, 55, and 68      | 5.38                | (3.78 - 7.59)                         | 15.97               | (11.82 - 21.25)                       | 5.26              | (3.71 - 7.40)                       | 6.72              | (5.00 - 8.99)                       |
| Boards 3, 52, and 85          | 6.00                | (4.21 - 8.48)                         | *                   | (* - *)                               | 5.43              | (3.81 - 7.67)                       | 7.07              | (5.22 - 9.51)                       |
| Boards 4 and 78               | 5.22                | (3.64 - 7.45)                         | 15.47               | (11.34 - 20.76)                       | 5.49              | (3.85 - 7.77)                       | 6.69              | (4.93 - 9.04)                       |
| Boards 5 and 60               | 6.33                | (4.41 - 9.00)                         | 19.47               | (14.81 - 25.16)                       | 6.63              | (4.72 - 9.23)                       | 8.88              | (6.76 - 11.60)                      |
| Boards 7, 15, 41, 79, and 84  | 5.16                | (3.59 - 7.36)                         | 14.97               | (10.82 - 20.34)                       | 5.24              | (3.60 - 7.57)                       | 6.40              | (4.63 - 8.79)                       |
| Boards 8, 13, and 83          | 5.57                | (3.87 - 7.97)                         | *                   | (* - *)                               | 5.00              | (3.49 - 7.11)                       | 6.46              | (4.77 - 8.70)                       |
| Board 9 (Butler)              | 6.04                | (4.34 - 8.36)                         | *                   | (* - *)                               | 6.83              | (4.97 - 9.31)                       | 9.04              | (6.97 - 11.65)                      |
| Board 12                      | 5.84                | (4.04 - 8.37)                         | *                   | (* - *)                               | 6.06              | (4.27 - 8.53)                       | 8.28              | (6.23 - 10.93)                      |
| Boards 18 and 47              | 6.95                | (5.20 - 9.23)                         | 21.67               | (17.79 - 26.12)                       | 6.84              | (5.33 - 8.74)                       | 8.82              | (7.24 - 10.70)                      |
| Boards 20, 32, 54, and 69     | 5.32                | (3.76 - 7.47)                         | 14.71               | (10.85 - 19.64)                       | 5.24              | (3.73 - 7.31)                       | 6.48              | (4.85 - 8.61)                       |
| Boards 21, 39, 51, 70, and 80 | 5.71                | (4.11 - 7.87)                         | 17.01               | (12.83 - 22.22)                       | 5.77              | (4.10 - 8.06)                       | 7.20              | (5.41 - 9.54)                       |
| Boards 22, 74, and 87         | 5.98                | (4.27 - 8.31)                         | 18.23               | (13.87 - 23.60)                       | 5.92              | (4.22 - 8.26)                       | 7.76              | (5.89 - 10.16)                      |
| Boards 23 and 45              | 5.10                | (3.57 - 7.24)                         | 17.05               | (12.83 - 22.29)                       | 5.72              | (4.06 - 8.01)                       | 7.33              | (5.51 - 9.70)                       |
| Board 25 (Franklin)           | 6.17                | (4.55 - 8.31)                         | 22.87               | (18.90 - 27.40)                       | 8.07              | (6.26 - 10.34)                      | 10.33             | (8.49 - 12.51)                      |
| Boards 27, 71, and 73         | 6.68                | (4.73 - 9.35)                         | 17.27               | (12.93 - 22.68)                       | 7.45              | (5.38 - 10.22)                      | 8.70              | (6.54 - 11.47)                      |
| Boards 28, 43, and 67         | 5.67                | (3.96 - 8.05)                         | 17.64               | (13.25 - 23.09)                       | 5.02              | (3.52 - 7.10)                       | 6.81              | (5.11 - 9.02)                       |
| Board 31 (Hamilton)           | 6.76                | (4.93 - 9.22)                         | 23.13               | (18.47 - 28.56)                       | 7.92              | (6.02 - 10.36)                      | 10.12             | (8.10 - 12.57)                      |
| Board 48 (Lucas)              | 6.92                | (4.94 - 9.62)                         | 21.26               | (16.38 - 27.13)                       | 8.46              | (6.17 - 11.50)                      | 10.37             | (7.96 - 13.41)                      |
| Boards 50 and 76              | 6.49                | (4.66 - 8.96)                         | 20.13               | (15.58 - 25.61)                       | 6.68              | (4.96 - 8.95)                       | 8.41              | (6.57 - 10.71)                      |
| Board 57 (Montgomery)         | 6.61                | (4.71 - 9.20)                         | 20.94               | (16.11 - 26.77)                       | 6.35              | (4.60 - 8.69)                       | 8.36              | (6.44 - 10.77)                      |
| Board 77 (Summit)             | 6.40                | (4.50 - 9.02)                         | 20.34               | (15.58 - 26.10)                       | 7.10              | (5.18 - 9.65)                       | 8.83              | (6.80 - 11.41)                      |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 5.38                | (4.29 - 6.72)                         | 14.58               | (12.35 - 17.13)                       | 4.44              | (3.52 - 5.59)                       | 5.96              | (5.00 - 7.09)                       |
| Central                               | 5.03                | (3.44 - 7.30)                         | 13.82               | (10.15 - 18.53)                       | 3.82              | (2.60 - 5.59)                       | 5.43              | (3.99 - 7.34)                       |
| East Central                          | 4.60                | (3.11 - 6.74)                         | 10.65               | (7.56 - 14.82)                        | 3.52              | (2.33 - 5.28)                       | 4.54              | (3.22 - 6.36)                       |
| Northeast                             | 5.48                | (3.72 - 8.01)                         | 13.61               | (9.81 - 18.57)                        | 4.31              | (2.98 - 6.19)                       | 5.85              | (4.31 - 7.89)                       |
| Northwest and Southwest               | 5.22                | (3.63 - 7.46)                         | 13.67               | (10.02 - 18.39)                       | 4.29              | (2.90 - 6.29)                       | 5.75              | (4.18 - 7.84)                       |
| Oklahoma County                       | 5.75                | (4.05 - 8.10)                         | 18.22               | (14.15 - 23.16)                       | 5.30              | (3.73 - 7.48)                       | 7.16              | (5.45 - 9.35)                       |
| Southeast                             | 5.03                | (3.43 - 7.31)                         | 10.71               | (7.59 - 14.91)                        | 3.82              | (2.55 - 5.67)                       | 4.79              | (3.41 - 6.69)                       |
| Tulsa County                          | 6.11                | (4.29 - 8.65)                         | 18.60               | (14.07 - 24.19)                       | 5.32              | (3.77 - 7.46)                       | 7.22              | (5.49 - 9.43)                       |
| <b>Oregon</b>                         | 10.23               | (8.54 - 12.22)                        | 29.32               | (26.32 - 32.50)                       | 12.95             | (11.30 - 14.79)                     | 15.12             | (13.55 - 16.84)                     |
| Region 1 (Multnomah)                  | 10.62               | (7.90 - 14.14)                        | 31.80               | (26.17 - 38.01)                       | 18.90             | (15.57 - 22.75)                     | 20.50             | (17.30 - 24.12)                     |
| Region 2                              | 8.67                | (6.54 - 11.42)                        | 26.93               | (22.05 - 32.43)                       | 10.26             | (8.08 - 12.94)                      | 12.39             | (10.19 - 14.98)                     |
| Region 3                              | 11.07               | (8.44 - 14.38)                        | 30.04               | (25.56 - 34.94)                       | 12.18             | (9.76 - 15.09)                      | 14.90             | (12.55 - 17.61)                     |
| Region 4                              | 11.50               | (8.50 - 15.37)                        | 30.65               | (24.79 - 37.22)                       | 12.38             | (9.47 - 16.02)                      | 14.50             | (11.58 - 18.00)                     |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | 10.08             | (6.97 - 14.36)                      | 12.18             | (8.87 - 16.49)                      |
| Region 6 (Eastern)                    | 9.65                | (6.75 - 13.60)                        | *                   | (* - *)                               | 11.25             | (8.12 - 15.38)                      | 13.05             | (9.83 - 17.14)                      |
| <b>Pennsylvania</b>                   | 6.61                | (5.71 - 7.63)                         | 19.46               | (17.71 - 21.34)                       | 6.48              | (5.71 - 7.35)                       | 8.26              | (7.51 - 9.07)                       |
| Region 1 (Allegheny)                  | 7.57                | (5.62 - 10.14)                        | 21.67               | (17.18 - 26.97)                       | 8.09              | (6.21 - 10.49)                      | 9.80              | (7.86 - 12.15)                      |
| Regions 3, 8, 9, and 51               | 6.84                | (4.99 - 9.31)                         | 20.88               | (16.43 - 26.16)                       | 6.09              | (4.45 - 8.30)                       | 8.09              | (6.34 - 10.28)                      |
| Regions 4, 11, 37, and 49             | 6.13                | (4.45 - 8.40)                         | 16.90               | (12.97 - 21.73)                       | 5.59              | (4.04 - 7.69)                       | 7.10              | (5.43 - 9.25)                       |
| Regions 5, 18, 23, 24, and 46         | 5.21                | (3.73 - 7.24)                         | 14.67               | (11.19 - 19.00)                       | 4.56              | (3.36 - 6.15)                       | 5.85              | (4.55 - 7.50)                       |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 6.16                | (4.47 - 8.42)                         | 20.05               | (15.74 - 25.18)                       | 6.34              | (4.66 - 8.58)                       | 8.85              | (7.00 - 11.14)                      |
| Regions 7, 13, 20, and 33             | 7.64                | (5.91 - 9.81)                         | 21.65               | (18.03 - 25.77)                       | 5.68              | (4.48 - 7.18)                       | 7.74              | (6.48 - 9.22)                       |
| Regions 10, 15, 27, 32, 43, and 44    | 5.22                | (3.60 - 7.51)                         | 14.23               | (10.45 - 19.10)                       | 5.00              | (3.48 - 7.13)                       | 6.10              | (4.46 - 8.28)                       |
| Regions 17 and 21                     | 5.53                | (3.84 - 7.89)                         | 16.51               | (12.27 - 21.86)                       | 5.80              | (4.06 - 8.24)                       | 7.41              | (5.50 - 9.90)                       |
| Regions 19, 26, 28, and 42            | 5.63                | (4.23 - 7.47)                         | 15.93               | (12.68 - 19.83)                       | 5.06              | (3.88 - 6.57)                       | 6.47              | (5.21 - 8.01)                       |
| Regions 22, 38, 40, 41, and 48        | 5.37                | (3.78 - 7.57)                         | 13.88               | (10.36 - 18.34)                       | 4.42              | (3.16 - 6.14)                       | 5.48              | (4.13 - 7.24)                       |
| Regions 29 and 34                     | 6.75                | (4.84 - 9.33)                         | 18.13               | (13.72 - 23.58)                       | 5.51              | (4.00 - 7.56)                       | 7.23              | (5.54 - 9.39)                       |
| Regions 30 and 50                     | 5.82                | (4.14 - 8.12)                         | 16.82               | (12.76 - 21.84)                       | 5.83              | (4.19 - 8.06)                       | 7.21              | (5.45 - 9.48)                       |
| Region 36 (Philadelphia)              | 7.76                | (5.80 - 10.30)                        | 25.21               | (21.17 - 29.71)                       | 12.28             | (9.68 - 15.47)                      | 14.49             | (12.01 - 17.37)                     |

See notes at end of table.

(continued)

**Table 2** *Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 10.02               | (8.32 - 12.01)                        | 30.75               | (27.26 - 34.49)                       | 11.83             | (10.19 - 13.69)                     | 14.77             | (13.16 - 16.54)                     |
| Region 1: Southern Providence<br>County                   | 9.86                | (7.21 - 13.33)                        | *                   | (* - *)                               | 11.64             | (8.94 - 15.03)                      | 14.24             | (11.43 - 17.61)                     |
| Region 2: Northern Providence<br>County/Blackstone Valley | 9.67                | (7.11 - 13.04)                        | 27.53               | (21.93 - 33.94)                       | 11.24             | (8.66 - 14.46)                      | 13.32             | (10.70 - 16.46)                     |
| Region 3: Providence                                      | 8.95                | (6.36 - 12.46)                        | *                   | (* - *)                               | 13.68             | (10.39 - 17.81)                     | 17.60             | (14.16 - 21.67)                     |
| Region 4: Kent County                                     | 10.14               | (7.40 - 13.76)                        | *                   | (* - *)                               | 10.39             | (7.86 - 13.62)                      | 12.49             | (9.88 - 15.66)                      |
| Region 5: East Bay                                        | 12.26               | (8.93 - 16.61)                        | *                   | (* - *)                               | 14.30             | (10.87 - 18.59)                     | 17.19             | (13.67 - 21.38)                     |
| Region 6: Newport County                                  | 10.03               | (7.06 - 14.06)                        | *                   | (* - *)                               | 11.17             | (8.12 - 15.18)                      | 14.35             | (11.04 - 18.45)                     |
| Region 7: South County                                    | 10.64               | (7.83 - 14.31)                        | *                   | (* - *)                               | 11.43             | (8.60 - 15.05)                      | 15.62             | (12.61 - 19.19)                     |
| <b>South Carolina</b>                                     | 6.08                | (4.89 - 7.53)                         | 19.16               | (16.50 - 22.14)                       | 5.19              | (4.28 - 6.29)                       | 7.14              | (6.18 - 8.24)                       |
| Region 1                                                  | 6.00                | (4.39 - 8.14)                         | 16.43               | (12.89 - 20.71)                       | 4.54              | (3.33 - 6.17)                       | 6.21              | (4.89 - 7.86)                       |
| Region 2                                                  | 5.94                | (4.30 - 8.16)                         | 21.28               | (17.01 - 26.27)                       | 6.04              | (4.56 - 7.97)                       | 8.30              | (6.67 - 10.28)                      |
| Region 3                                                  | 6.16                | (4.38 - 8.59)                         | 16.25               | (12.17 - 21.37)                       | 4.91              | (3.50 - 6.85)                       | 6.37              | (4.82 - 8.38)                       |
| Region 4                                                  | 6.25                | (4.54 - 8.55)                         | 22.06               | (17.48 - 27.45)                       | 5.36              | (4.00 - 7.17)                       | 7.67              | (6.12 - 9.59)                       |
| <b>South Dakota</b>                                       | 6.55                | (5.29 - 8.08)                         | 17.16               | (14.71 - 19.92)                       | 5.41              | (4.42 - 6.61)                       | 7.16              | (6.14 - 8.32)                       |
| Region 1                                                  | 7.92                | (5.69 - 10.91)                        | 20.27               | (15.89 - 25.49)                       | 7.14              | (5.38 - 9.41)                       | 9.00              | (7.16 - 11.25)                      |
| Region 2                                                  | 6.05                | (4.16 - 8.72)                         | 14.35               | (10.23 - 19.75)                       | 5.15              | (3.48 - 7.56)                       | 6.39              | (4.57 - 8.87)                       |
| Region 3                                                  | 5.85                | (4.19 - 8.10)                         | 16.19               | (12.35 - 20.93)                       | 4.26              | (3.07 - 5.89)                       | 6.26              | (4.86 - 8.02)                       |
| Region 4                                                  | 6.67                | (4.70 - 9.38)                         | 19.74               | (15.19 - 25.25)                       | 5.45              | (3.87 - 7.64)                       | 7.75              | (5.93 - 10.07)                      |
| Region 5                                                  | 6.03                | (4.35 - 8.28)                         | 14.73               | (11.42 - 18.79)                       | 4.92              | (3.60 - 6.70)                       | 6.27              | (4.88 - 8.01)                       |
| <b>Tennessee</b>                                          | 5.90                | (4.74 - 7.34)                         | 16.52               | (14.09 - 19.28)                       | 5.56              | (4.52 - 6.83)                       | 7.10              | (6.03 - 8.34)                       |
| Region 1                                                  | 5.57                | (3.82 - 8.05)                         | 14.38               | (10.49 - 19.39)                       | 4.57              | (3.08 - 6.75)                       | 5.79              | (4.17 - 7.98)                       |
| Region 2                                                  | 5.80                | (4.06 - 8.22)                         | 14.89               | (11.12 - 19.66)                       | 5.05              | (3.60 - 7.04)                       | 6.34              | (4.79 - 8.34)                       |
| Region 3                                                  | 5.56                | (3.93 - 7.82)                         | 14.75               | (11.05 - 19.41)                       | 4.57              | (3.24 - 6.42)                       | 5.94              | (4.47 - 7.85)                       |
| Region 4 (Davidson)                                       | 6.38                | (4.34 - 9.29)                         | *                   | (* - *)                               | 7.87              | (5.50 - 11.13)                      | 9.90              | (7.37 - 13.16)                      |
| Region 5                                                  | 6.70                | (4.85 - 9.21)                         | 18.31               | (14.10 - 23.44)                       | 6.31              | (4.60 - 8.58)                       | 8.00              | (6.20 - 10.27)                      |
| Region 6                                                  | 5.44                | (3.70 - 7.93)                         | 14.67               | (10.69 - 19.80)                       | 4.84              | (3.28 - 7.09)                       | 6.23              | (4.51 - 8.55)                       |
| Region 7 (Shelby)                                         | 5.13                | (3.58 - 7.31)                         | 16.07               | (11.99 - 21.20)                       | 5.49              | (3.81 - 7.84)                       | 7.17              | (5.34 - 9.57)                       |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 6.36                | (5.52 - 7.32)                         | 15.00               | (13.57 - 16.54)                       | 4.37              | (3.81 - 5.01)                       | 6.02              | (5.45 - 6.65)                       |
| Region 1                                                    | 5.92                | (4.17 - 8.35)                         | 13.78               | (10.14 - 18.46)                       | 4.32              | (3.08 - 6.04)                       | 5.96              | (4.48 - 7.90)                       |
| Region 2                                                    | 6.62                | (4.71 - 9.24)                         | 18.03               | (13.42 - 23.77)                       | 5.38              | (3.76 - 7.63)                       | 7.37              | (5.50 - 9.81)                       |
| Region 3                                                    | 6.24                | (5.10 - 7.60)                         | 14.53               | (12.49 - 16.83)                       | 4.29              | (3.54 - 5.19)                       | 5.79              | (5.01 - 6.68)                       |
| Region 3a                                                   | 5.98                | (4.64 - 7.66)                         | 14.30               | (11.78 - 17.27)                       | 4.10              | (3.21 - 5.22)                       | 5.59              | (4.65 - 6.70)                       |
| Region 3bc                                                  | 6.71                | (5.09 - 8.78)                         | 14.92               | (11.89 - 18.56)                       | 4.64              | (3.55 - 6.03)                       | 6.14              | (4.96 - 7.57)                       |
| Region 4                                                    | 5.65                | (4.00 - 7.93)                         | 14.97               | (11.32 - 19.54)                       | 4.16              | (3.01 - 5.73)                       | 5.65              | (4.33 - 7.34)                       |
| Region 5                                                    | 6.17                | (4.36 - 8.65)                         | 17.46               | (13.10 - 22.87)                       | 5.37              | (3.82 - 7.49)                       | 7.15              | (5.39 - 9.45)                       |
| Region 6                                                    | 6.33                | (5.01 - 7.98)                         | 15.08               | (12.55 - 18.02)                       | 4.32              | (3.46 - 5.38)                       | 5.94              | (5.00 - 7.04)                       |
| Region 6a                                                   | 6.36                | (4.95 - 8.13)                         | 15.09               | (12.39 - 18.25)                       | 4.31              | (3.40 - 5.45)                       | 5.95              | (4.96 - 7.13)                       |
| Region 6bc                                                  | 6.10                | (4.24 - 8.69)                         | 15.03               | (11.03 - 20.15)                       | 4.39              | (3.01 - 6.36)                       | 5.85              | (4.28 - 7.96)                       |
| Region 7                                                    | 7.25                | (5.68 - 9.21)                         | 19.84               | (16.68 - 23.44)                       | 6.19              | (4.93 - 7.74)                       | 8.54              | (7.18 - 10.13)                      |
| Region 7a                                                   | 7.78                | (5.75 - 10.44)                        | 22.42               | (18.04 - 27.51)                       | 6.76              | (5.14 - 8.85)                       | 9.17              | (7.40 - 11.32)                      |
| Region 7bcd                                                 | 6.28                | (4.55 - 8.61)                         | 16.42               | (12.63 - 21.07)                       | 5.12              | (3.74 - 6.97)                       | 7.42              | (5.80 - 9.45)                       |
| Region 8                                                    | 6.30                | (4.68 - 8.44)                         | 13.79               | (10.86 - 17.35)                       | 3.56              | (2.64 - 4.78)                       | 5.15              | (4.09 - 6.47)                       |
| Region 9                                                    | 7.31                | (5.11 - 10.36)                        | 16.03               | (11.85 - 21.35)                       | 5.05              | (3.48 - 7.27)                       | 6.78              | (4.99 - 9.16)                       |
| Region 10                                                   | 6.40                | (4.52 - 8.99)                         | 12.21               | (8.86 - 16.59)                        | 3.21              | (2.20 - 4.67)                       | 4.79              | (3.52 - 6.48)                       |
| Region 11                                                   | 6.03                | (4.67 - 7.76)                         | 9.78                | (7.72 - 12.33)                        | 2.81              | (2.07 - 3.79)                       | 4.01              | (3.17 - 5.05)                       |
| Region 11abd                                                | 5.81                | (4.23 - 7.95)                         | 10.17               | (7.60 - 13.48)                        | 2.77              | (1.92 - 3.98)                       | 4.01              | (3.01 - 5.31)                       |
| Region 11c (Hidalgo)                                        | 6.36                | (4.48 - 8.95)                         | 9.17                | (6.59 - 12.63)                        | 2.87              | (1.90 - 4.30)                       | 4.01              | (2.88 - 5.55)                       |
| <b>Utah</b>                                                 | 4.46                | (3.52 - 5.63)                         | 12.29               | (10.31 - 14.58)                       | 3.86              | (3.08 - 4.84)                       | 5.42              | (4.58 - 6.41)                       |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | 4.38                | (2.96 - 6.43)                         | 11.92               | (8.33 - 16.78)                        | 3.76              | (2.51 - 5.60)                       | 5.32              | (3.80 - 7.41)                       |
| Central, Four Corners, San<br>Juan, and Southwest           | 4.38                | (3.11 - 6.15)                         | 11.36               | (8.40 - 15.20)                        | 3.09              | (2.17 - 4.40)                       | 4.56              | (3.42 - 6.06)                       |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | 3.18              | (2.05 - 4.92)                       | 4.39              | (3.02 - 6.33)                       |
| Southwest                                                   | 4.43                | (2.92 - 6.67)                         | 12.10               | (8.36 - 17.21)                        | 3.04              | (1.96 - 4.69)                       | 4.66              | (3.27 - 6.62)                       |
| Davis County                                                | 4.18                | (2.81 - 6.18)                         | 11.37               | (7.75 - 16.38)                        | 3.34              | (2.16 - 5.13)                       | 4.71              | (3.27 - 6.74)                       |
| Salt Lake County                                            | 5.28                | (3.82 - 7.26)                         | 15.91               | (12.70 - 19.75)                       | 4.87              | (3.70 - 6.40)                       | 6.66              | (5.40 - 8.20)                       |
| Utah County                                                 | 3.52                | (2.40 - 5.13)                         | 9.08                | (6.50 - 12.56)                        | 2.87              | (1.93 - 4.24)                       | 4.44              | (3.27 - 6.01)                       |
| Weber, Morgan                                               | 3.87                | (2.59 - 5.75)                         | 10.04               | (7.00 - 14.20)                        | 3.07              | (2.02 - 4.63)                       | 4.23              | (2.99 - 5.95)                       |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 10.24               | (8.50 - 12.29)                        | 37.25               | (33.28 - 41.40)                       | 13.19             | (11.41 - 15.20)                     | 16.77             | (15.05 - 18.64)                     |
| Champlain Valley                      | 10.08               | (7.79 - 12.94)                        | 41.49               | (36.19 - 47.00)                       | 13.70             | (11.23 - 16.61)                     | 18.54             | (16.12 - 21.23)                     |
| Rural Northeast                       | 11.12               | (8.32 - 14.71)                        | *                   | (* - *)                               | 14.14             | (11.00 - 17.99)                     | 17.09             | (13.96 - 20.76)                     |
| Rural Southeast                       | 10.00               | (7.44 - 13.33)                        | *                   | (* - *)                               | 12.45             | (9.71 - 15.83)                      | 14.83             | (12.05 - 18.13)                     |
| Rural Southwest                       | 9.54                | (6.89 - 13.08)                        | *                   | (* - *)                               | 11.50             | (8.70 - 15.05)                      | 14.28             | (11.35 - 17.81)                     |
| <b>Virginia</b>                       | 5.17                | (4.24 - 6.28)                         | 17.71               | (15.71 - 19.92)                       | 4.91              | (4.12 - 5.83)                       | 6.72              | (5.94 - 7.59)                       |
| Region 1                              | 5.18                | (3.68 - 7.23)                         | 17.72               | (13.87 - 22.37)                       | 4.81              | (3.53 - 6.53)                       | 6.84              | (5.41 - 8.61)                       |
| Region 2                              | 4.78                | (3.54 - 6.43)                         | 13.56               | (10.62 - 17.17)                       | 4.08              | (3.08 - 5.40)                       | 5.20              | (4.14 - 6.51)                       |
| Region 3                              | 5.12                | (3.67 - 7.09)                         | 17.37               | (13.91 - 21.49)                       | 5.16              | (3.83 - 6.92)                       | 6.96              | (5.55 - 8.69)                       |
| Region 4                              | 5.49                | (3.99 - 7.52)                         | 20.09               | (15.99 - 24.94)                       | 5.63              | (4.21 - 7.48)                       | 7.71              | (6.16 - 9.60)                       |
| Region 5                              | 5.47                | (4.08 - 7.31)                         | 20.23               | (16.50 - 24.54)                       | 5.31              | (4.02 - 6.97)                       | 7.64              | (6.23 - 9.34)                       |
| <b>Washington</b>                     | 8.47                | (6.92 - 10.32)                        | 22.60               | (19.77 - 25.71)                       | 10.98             | (9.35 - 12.86)                      | 12.58             | (11.03 - 14.31)                     |
| Region 1                              | 8.57                | (6.44 - 11.32)                        | 20.13               | (16.33 - 24.57)                       | 10.23             | (7.96 - 13.06)                      | 11.81             | (9.55 - 14.51)                      |
| Greater Columbia and North<br>Central | 7.83                | (5.50 - 11.03)                        | 17.26               | (13.10 - 22.42)                       | 8.66              | (6.27 - 11.84)                      | 10.13             | (7.72 - 13.19)                      |
| Spokane                               | 9.83                | (6.90 - 13.82)                        | *                   | (* - *)                               | 12.43             | (9.02 - 16.90)                      | 14.25             | (10.78 - 18.59)                     |
| Region 2                              | 8.15                | (6.33 - 10.45)                        | 23.67               | (19.90 - 27.91)                       | 11.07             | (9.11 - 13.41)                      | 12.70             | (10.77 - 14.91)                     |
| King                                  | 7.67                | (5.62 - 10.39)                        | 23.59               | (18.96 - 28.95)                       | 10.82             | (8.57 - 13.56)                      | 12.41             | (10.19 - 15.02)                     |
| North Sound                           | 8.92                | (6.39 - 12.33)                        | 23.80               | (18.75 - 29.70)                       | 11.54             | (8.68 - 15.19)                      | 13.21             | (10.38 - 16.68)                     |
| Region 3                              | 8.81                | (6.96 - 11.08)                        | 23.08               | (19.52 - 27.08)                       | 11.34             | (9.23 - 13.85)                      | 12.93             | (10.88 - 15.29)                     |
| Pierce                                | 9.10                | (6.60 - 12.41)                        | 23.24               | (18.44 - 28.86)                       | 12.60             | (9.63 - 16.32)                      | 14.15             | (11.26 - 17.63)                     |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | 10.61             | (7.44 - 14.92)                      | 12.31             | (9.03 - 16.56)                      |
| SW WA and Great Rivers                | 8.66                | (6.07 - 12.21)                        | *                   | (* - *)                               | 10.47             | (7.50 - 14.42)                      | 11.98             | (8.98 - 15.81)                      |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 12.66             | (9.15 - 17.27)                      |

See notes at end of table.

(continued)

**Table 2 Marijuana Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 5.82                | (4.68 - 7.22)                         | 17.31               | (14.93 - 19.97)                       | 5.42              | (4.42 - 6.64)                       | 6.96              | (5.95 - 8.13)                       |
| Region I                      | 5.26                | (3.56 - 7.72)                         | *                   | (* - *)                               | 4.70              | (3.08 - 7.10)                       | 5.95              | (4.16 - 8.46)                       |
| Region II                     | 5.68                | (4.04 - 7.94)                         | 15.07               | (11.08 - 20.18)                       | 5.30              | (3.74 - 7.47)                       | 6.56              | (4.89 - 8.75)                       |
| Region III                    | 5.56                | (3.79 - 8.08)                         | 14.63               | (10.54 - 19.95)                       | 5.31              | (3.63 - 7.71)                       | 6.35              | (4.55 - 8.78)                       |
| Region IV                     | 5.92                | (4.28 - 8.13)                         | 20.65               | (16.49 - 25.53)                       | 5.71              | (4.22 - 7.69)                       | 8.22              | (6.56 - 10.26)                      |
| Region V                      | 6.47                | (4.68 - 8.89)                         | 19.10               | (15.07 - 23.89)                       | 6.24              | (4.62 - 8.39)                       | 7.76              | (6.08 - 9.85)                       |
| Region VI                     | 5.17                | (3.61 - 7.35)                         | 12.73               | (9.53 - 16.81)                        | 4.29              | (3.02 - 6.08)                       | 5.25              | (3.91 - 7.00)                       |
| <b>Wisconsin</b>              | 7.32                | (6.03 - 8.86)                         | 16.86               | (14.51 - 19.50)                       | 5.76              | (4.70 - 7.03)                       | 7.33              | (6.28 - 8.55)                       |
| Milwaukee                     | 6.90                | (4.90 - 9.63)                         | 17.26               | (13.18 - 22.27)                       | 7.03              | (5.12 - 9.59)                       | 8.74              | (6.72 - 11.28)                      |
| Northeastern                  | 6.82                | (4.93 - 9.34)                         | 13.64               | (10.19 - 18.02)                       | 4.64              | (3.31 - 6.48)                       | 5.82              | (4.39 - 7.69)                       |
| Northern                      | 6.69                | (4.65 - 9.54)                         | 14.46               | (10.38 - 19.79)                       | 5.20              | (3.58 - 7.52)                       | 6.37              | (4.60 - 8.74)                       |
| Southeastern                  | 7.53                | (5.57 - 10.09)                        | 16.60               | (12.62 - 21.51)                       | 5.24              | (3.75 - 7.29)                       | 6.76              | (5.14 - 8.84)                       |
| Southern                      | 8.04                | (5.84 - 10.96)                        | 19.47               | (15.40 - 24.31)                       | 6.69              | (4.92 - 9.04)                       | 8.50              | (6.67 - 10.78)                      |
| Western                       | 7.72                | (5.49 - 10.77)                        | 18.83               | (14.37 - 24.28)                       | 5.89              | (4.15 - 8.32)                       | 7.87              | (5.96 - 10.32)                      |
| <b>Wyoming</b>                | 6.06                | (4.88 - 7.49)                         | 15.70               | (13.31 - 18.43)                       | 4.96              | (3.96 - 6.20)                       | 6.50              | (5.48 - 7.70)                       |
| Judicial District 1 (Laramie) | 7.29                | (5.13 - 10.27)                        | 17.90               | (13.33 - 23.61)                       | 5.54              | (3.95 - 7.72)                       | 7.18              | (5.45 - 9.42)                       |
| Judicial District 2           | 6.18                | (4.24 - 8.93)                         | 17.06               | (13.03 - 22.01)                       | 5.80              | (4.03 - 8.27)                       | 8.83              | (6.80 - 11.41)                      |
| Judicial District 3           | 5.06                | (3.51 - 7.24)                         | 12.13               | (8.65 - 16.76)                        | 4.28              | (2.90 - 6.28)                       | 5.36              | (3.86 - 7.39)                       |
| Judicial District 4           | 5.81                | (3.89 - 8.60)                         | *                   | (* - *)                               | 4.42              | (2.87 - 6.75)                       | 5.68              | (3.95 - 8.13)                       |
| Judicial District 5           | 5.04                | (3.37 - 7.46)                         | 12.59               | (8.76 - 17.76)                        | 3.34              | (2.17 - 5.09)                       | 4.47              | (3.11 - 6.37)                       |
| Judicial District 6           | 5.45                | (3.80 - 7.74)                         | 14.09               | (10.29 - 18.99)                       | 4.37              | (2.95 - 6.44)                       | 5.72              | (4.15 - 7.82)                       |
| Judicial District 7 (Natrona) | 6.11                | (4.29 - 8.62)                         | 17.00               | (12.55 - 22.61)                       | 5.23              | (3.61 - 7.52)                       | 6.79              | (5.01 - 9.14)                       |
| Judicial District 8           | 6.02                | (4.13 - 8.71)                         | *                   | (* - *)                               | 4.44              | (2.93 - 6.69)                       | 5.76              | (4.08 - 8.08)                       |
| Judicial District 9           | 7.15                | (4.91 - 10.32)                        | *                   | (* - *)                               | 6.38              | (4.49 - 9.00)                       | 7.74              | (5.74 - 10.36)                      |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.



**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs*

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 5.31                | (5.12 - 5.51)                         | 7.81                | (7.47 - 8.17)                         | 0.35              | (0.31 - 0.39)                       | 1.38              | (1.32 - 1.44)                       |
| <b>Northeast</b>           | 5.40                | (5.08 - 5.74)                         | 8.78                | (8.21 - 9.38)                         | 0.39              | (0.33 - 0.46)                       | 1.51              | (1.41 - 1.62)                       |
| <b>Midwest</b>             | 5.23                | (4.96 - 5.51)                         | 8.22                | (7.76 - 8.70)                         | 0.34              | (0.29 - 0.39)                       | 1.45              | (1.36 - 1.54)                       |
| <b>South</b>               | 4.99                | (4.75 - 5.24)                         | 6.83                | (6.47 - 7.21)                         | 0.27              | (0.23 - 0.32)                       | 1.16              | (1.09 - 1.23)                       |
| <b>West</b>                | 5.86                | (5.52 - 6.22)                         | 8.39                | (7.83 - 8.99)                         | 0.47              | (0.39 - 0.55)                       | 1.60              | (1.49 - 1.71)                       |
| <b>Alabama</b>             | 4.18                | (3.47 - 5.02)                         | 6.32                | (5.24 - 7.60)                         | 0.23              | (0.17 - 0.31)                       | 1.05              | (0.90 - 1.24)                       |
| Region 1                   | 3.99                | (2.91 - 5.44)                         | 6.48                | (4.75 - 8.78)                         | 0.24              | (0.16 - 0.35)                       | 1.01              | (0.79 - 1.29)                       |
| Region 2                   | 4.36                | (3.23 - 5.85)                         | 7.41                | (5.47 - 9.96)                         | 0.23              | (0.15 - 0.33)                       | 1.20              | (0.93 - 1.55)                       |
| Region 3                   | 3.50                | (2.44 - 4.98)                         | 5.69                | (4.17 - 7.72)                         | 0.21              | (0.14 - 0.31)                       | 1.11              | (0.85 - 1.43)                       |
| Region 4                   | 4.71                | (3.45 - 6.41)                         | 5.27                | (3.77 - 7.30)                         | 0.23              | (0.16 - 0.35)                       | 0.87              | (0.67 - 1.13)                       |
| <b>Alaska</b>              | 7.62                | (6.50 - 8.90)                         | 10.76               | (8.87 - 12.99)                        | 0.70              | (0.48 - 1.00)                       | 2.41              | (2.02 - 2.87)                       |
| Anchorage                  | 8.34                | (6.65 - 10.40)                        | 11.10               | (8.48 - 14.41)                        | 0.79              | (0.52 - 1.22)                       | 2.52              | (2.00 - 3.17)                       |
| Northern                   | 7.87                | (5.92 - 10.39)                        | 9.67                | (7.04 - 13.13)                        | 0.69              | (0.45 - 1.08)                       | 2.59              | (1.98 - 3.37)                       |
| South Central              | 6.76                | (5.17 - 8.79)                         | 11.18               | (8.03 - 15.36)                        | 0.52              | (0.33 - 0.82)                       | 2.13              | (1.60 - 2.83)                       |
| Southeast                  | 6.43                | (4.35 - 9.39)                         | 11.60               | (7.97 - 16.58)                        | 0.79              | (0.50 - 1.25)                       | 2.26              | (1.67 - 3.06)                       |
| <b>Arizona</b>             | 5.39                | (4.52 - 6.41)                         | 7.94                | (6.56 - 9.57)                         | 0.44              | (0.33 - 0.58)                       | 1.48              | (1.26 - 1.74)                       |
| Central                    | 5.05                | (3.98 - 6.39)                         | 8.30                | (6.48 - 10.57)                        | 0.48              | (0.35 - 0.65)                       | 1.59              | (1.30 - 1.93)                       |
| North                      | 5.40                | (3.71 - 7.80)                         | 7.30                | (4.95 - 10.66)                        | 0.38              | (0.24 - 0.59)                       | 1.25              | (0.92 - 1.70)                       |
| South                      | 6.18                | (4.83 - 7.87)                         | 7.49                | (5.72 - 9.75)                         | 0.39              | (0.28 - 0.55)                       | 1.38              | (1.11 - 1.72)                       |
| South A                    | 5.96                | (4.29 - 8.22)                         | 8.51                | (6.08 - 11.78)                        | 0.45              | (0.30 - 0.66)                       | 1.55              | (1.19 - 2.02)                       |
| South B                    | 6.40                | (4.58 - 8.89)                         | 6.38                | (4.40 - 9.18)                         | *                 | (* - *)                             | 1.20              | (0.90 - 1.60)                       |
| <b>Arkansas</b>            | 4.98                | (4.25 - 5.83)                         | 6.57                | (5.48 - 7.86)                         | 0.28              | (0.21 - 0.37)                       | 1.18              | (1.01 - 1.38)                       |
| Catchment Area 1           | 4.92                | (3.53 - 6.83)                         | 6.91                | (4.94 - 9.60)                         | 0.34              | (0.23 - 0.49)                       | 1.41              | (1.08 - 1.84)                       |
| Catchment Area 2           | 4.61                | (3.16 - 6.67)                         | 5.66                | (3.98 - 7.97)                         | *                 | (* - *)                             | 0.90              | (0.68 - 1.20)                       |
| Catchment Area 3           | 3.53                | (2.45 - 5.05)                         | 5.82                | (4.09 - 8.23)                         | 0.18              | (0.11 - 0.28)                       | 1.00              | (0.74 - 1.34)                       |
| Catchment Area 4           | 4.36                | (3.04 - 6.23)                         | 6.04                | (4.15 - 8.71)                         | *                 | (* - *)                             | 1.01              | (0.76 - 1.36)                       |
| Catchment Area 5           | 5.23                | (3.80 - 7.15)                         | 6.94                | (4.98 - 9.58)                         | 0.32              | (0.22 - 0.46)                       | 1.42              | (1.08 - 1.86)                       |
| Catchment Area 6           | 4.69                | (3.26 - 6.70)                         | 6.32                | (4.38 - 9.04)                         | *                 | (* - *)                             | 1.08              | (0.81 - 1.45)                       |
| Catchment Area 7           | 4.72                | (3.21 - 6.89)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.10              | (0.80 - 1.51)                       |
| Catchment Area 8           | 6.64                | (4.94 - 8.87)                         | 7.33                | (5.03 - 10.55)                        | 0.37              | (0.25 - 0.54)                       | 1.29              | (0.97 - 1.72)                       |

See notes at end of table.

(continued)

**Table 3 First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 5.80                | (5.29 - 6.36)                         | 7.98                | (7.16 - 8.89)                         | 0.43              | (0.33 - 0.55)                       | 1.49              | (1.35 - 1.66)                       |
| Region 1R                   | 7.42                | (5.35 - 10.19)                        | 9.47                | (6.55 - 13.52)                        | 0.67              | (0.46 - 0.98)                       | 2.02              | (1.52 - 2.68)                       |
| Region 2R                   | 5.05                | (3.62 - 7.00)                         | 10.60               | (7.69 - 14.44)                        | 0.35              | (0.24 - 0.52)                       | 1.87              | (1.44 - 2.43)                       |
| Region 3R (Sacramento)      | 6.16                | (4.51 - 8.37)                         | 9.52                | (6.92 - 12.97)                        | 0.49              | (0.33 - 0.71)                       | 1.76              | (1.38 - 2.25)                       |
| Region 4R                   | 7.09                | (5.23 - 9.54)                         | 8.64                | (6.02 - 12.25)                        | 0.56              | (0.39 - 0.80)                       | 1.61              | (1.23 - 2.10)                       |
| Region 5R (San Francisco)   | *                   | (* - *)                               | 12.15               | (8.37 - 17.30)                        | 1.41              | (0.84 - 2.35)                       | 2.42              | (1.74 - 3.34)                       |
| Region 6 (Santa Clara)      | 4.61                | (3.41 - 6.20)                         | 7.54                | (5.51 - 10.22)                        | 0.47              | (0.31 - 0.70)                       | 1.27              | (1.00 - 1.61)                       |
| Region 7R (Contra Costa)    | 5.70                | (4.12 - 7.84)                         | 10.03               | (7.29 - 13.65)                        | 0.50              | (0.35 - 0.71)                       | 1.61              | (1.26 - 2.05)                       |
| Region 8R (Alameda)         | 6.87                | (5.01 - 9.34)                         | 10.00               | (7.21 - 13.71)                        | 0.44              | (0.30 - 0.65)                       | 1.62              | (1.25 - 2.10)                       |
| Region 9R (San Mateo)       | 7.56                | (5.42 - 10.46)                        | 10.44               | (7.18 - 14.94)                        | 0.51              | (0.34 - 0.76)                       | 1.46              | (1.11 - 1.91)                       |
| Region 10                   | 6.74                | (4.89 - 9.22)                         | 9.95                | (7.02 - 13.91)                        | 0.35              | (0.24 - 0.52)                       | 1.77              | (1.36 - 2.32)                       |
| Region 11 (Los Angeles)     | 5.49                | (4.76 - 6.33)                         | 7.65                | (6.56 - 8.91)                         | 0.36              | (0.27 - 0.48)                       | 1.34              | (1.17 - 1.53)                       |
| LA SPA 1 and 5              | 8.23                | (5.90 - 11.37)                        | 10.07               | (7.21 - 13.90)                        | 0.55              | (0.37 - 0.80)                       | 2.02              | (1.55 - 2.64)                       |
| LA SPA 2                    | 5.52                | (4.18 - 7.25)                         | 9.13                | (6.76 - 12.21)                        | 0.37              | (0.25 - 0.52)                       | 1.44              | (1.14 - 1.81)                       |
| LA SPA 3                    | 3.39                | (2.40 - 4.78)                         | 6.05                | (4.25 - 8.53)                         | 0.31              | (0.20 - 0.49)                       | 1.05              | (0.79 - 1.37)                       |
| LA SPA 4                    | 5.00                | (3.41 - 7.26)                         | 7.55                | (5.39 - 10.48)                        | 0.42              | (0.29 - 0.62)                       | 1.33              | (1.03 - 1.72)                       |
| LA SPA 6                    | 6.85                | (4.98 - 9.36)                         | 7.43                | (5.30 - 10.32)                        | 0.28              | (0.19 - 0.43)                       | 1.50              | (1.14 - 1.97)                       |
| LA SPA 7                    | 4.65                | (3.32 - 6.49)                         | 5.93                | (4.18 - 8.34)                         | 0.27              | (0.18 - 0.41)                       | 1.06              | (0.81 - 1.39)                       |
| LA SPA 8                    | 6.39                | (4.78 - 8.50)                         | 8.25                | (6.00 - 11.25)                        | 0.38              | (0.26 - 0.55)                       | 1.38              | (1.08 - 1.76)                       |
| Region 12R                  | 5.89                | (4.15 - 8.30)                         | 7.41                | (5.22 - 10.41)                        | 0.55              | (0.36 - 0.85)                       | 1.58              | (1.21 - 2.05)                       |
| Regions 13 and 19R          | 5.32                | (4.06 - 6.93)                         | 6.37                | (4.84 - 8.36)                         | 0.44              | (0.29 - 0.66)                       | 1.40              | (1.12 - 1.75)                       |
| Region 14 (Orange)          | 4.19                | (3.18 - 5.50)                         | 8.23                | (6.10 - 11.01)                        | 0.34              | (0.22 - 0.51)                       | 1.34              | (1.05 - 1.70)                       |
| Region 15R (Fresno)         | 7.37                | (5.30 - 10.17)                        | 7.08                | (5.20 - 9.58)                         | 0.45              | (0.30 - 0.67)                       | 1.56              | (1.21 - 1.99)                       |
| Region 16R (San Diego)      | 6.43                | (5.03 - 8.18)                         | 7.82                | (5.87 - 10.33)                        | 0.46              | (0.32 - 0.66)                       | 1.65              | (1.31 - 2.07)                       |
| Region 17R                  | 4.64                | (3.47 - 6.18)                         | 6.40                | (4.73 - 8.59)                         | 0.36              | (0.24 - 0.52)                       | 1.38              | (1.08 - 1.76)                       |
| Region 18R (San Bernardino) | 6.55                | (4.97 - 8.59)                         | 6.65                | (4.91 - 8.93)                         | 0.35              | (0.23 - 0.51)                       | 1.41              | (1.10 - 1.79)                       |
| Region 20R                  | 4.95                | (3.42 - 7.13)                         | 5.99                | (4.23 - 8.42)                         | 0.36              | (0.24 - 0.54)                       | 1.29              | (0.99 - 1.70)                       |
| Region 21R                  | 7.35                | (5.32 - 10.08)                        | 10.45               | (7.31 - 14.74)                        | 0.40              | (0.28 - 0.57)                       | 1.95              | (1.47 - 2.58)                       |

See notes at end of table.

(continued)

**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 7.90                | (6.79 - 9.18)                         | 14.38               | (12.04 - 17.10)                       | 0.70              | (0.50 - 0.97)                       | 2.64              | (2.24 - 3.10)                       |
| Region 1                                  | 8.27                | (6.00 - 11.28)                        | 16.46               | (12.00 - 22.15)                       | 0.70              | (0.44 - 1.11)                       | 2.96              | (2.24 - 3.90)                       |
| Region 2                                  | 7.13                | (4.90 - 10.28)                        | 11.74               | (8.10 - 16.74)                        | *                 | (* - *)                             | 2.27              | (1.67 - 3.09)                       |
| Region 3                                  | 8.54                | (6.71 - 10.82)                        | 13.37               | (9.91 - 17.82)                        | 0.60              | (0.39 - 0.93)                       | 2.33              | (1.81 - 2.99)                       |
| Region 4                                  | 5.55                | (3.71 - 8.23)                         | 9.45                | (6.36 - 13.81)                        | *                 | (* - *)                             | 1.77              | (1.29 - 2.43)                       |
| Region 5                                  | 6.53                | (4.55 - 9.30)                         | 16.34               | (11.51 - 22.67)                       | 1.01              | (0.65 - 1.58)                       | 3.00              | (2.25 - 3.98)                       |
| Region 6                                  | 9.02                | (6.87 - 11.77)                        | 16.36               | (11.82 - 22.21)                       | 0.66              | (0.41 - 1.08)                       | 2.98              | (2.25 - 3.93)                       |
| Region 7                                  | 7.54                | (5.46 - 10.33)                        | 14.61               | (10.25 - 20.42)                       | 0.77              | (0.51 - 1.17)                       | 2.95              | (2.22 - 3.91)                       |
| <b>Connecticut</b>                        | 6.22                | (5.26 - 7.33)                         | 9.64                | (7.99 - 11.59)                        | 0.43              | (0.32 - 0.58)                       | 1.63              | (1.38 - 1.92)                       |
| Eastern                                   | 6.01                | (4.25 - 8.43)                         | 9.52                | (6.71 - 13.34)                        | 0.43              | (0.29 - 0.64)                       | 2.03              | (1.52 - 2.71)                       |
| North Central                             | 6.35                | (4.72 - 8.48)                         | 8.98                | (6.47 - 12.35)                        | 0.40              | (0.26 - 0.61)                       | 1.49              | (1.14 - 1.95)                       |
| Northwestern                              | 6.24                | (4.58 - 8.45)                         | 7.85                | (5.46 - 11.18)                        | 0.41              | (0.28 - 0.59)                       | 1.31              | (0.99 - 1.74)                       |
| South Central                             | 6.32                | (4.66 - 8.53)                         | 11.15               | (8.11 - 15.13)                        | 0.43              | (0.28 - 0.64)                       | 1.82              | (1.40 - 2.37)                       |
| Southwest                                 | 6.02                | (4.35 - 8.28)                         | 10.48               | (7.56 - 14.36)                        | 0.49              | (0.34 - 0.73)                       | 1.64              | (1.26 - 2.12)                       |
| <b>Delaware</b>                           | 5.50                | (4.64 - 6.50)                         | 7.77                | (6.39 - 9.42)                         | 0.34              | (0.25 - 0.45)                       | 1.30              | (1.10 - 1.53)                       |
| Kent                                      | 5.45                | (3.99 - 7.40)                         | 7.77                | (5.57 - 10.74)                        | 0.41              | (0.28 - 0.61)                       | 1.48              | (1.14 - 1.92)                       |
| New Castle (excluding<br>Wilmington City) | 5.07                | (3.99 - 6.44)                         | 7.86                | (6.03 - 10.18)                        | 0.32              | (0.22 - 0.45)                       | 1.38              | (1.10 - 1.73)                       |
| Sussex                                    | 5.96                | (4.35 - 8.10)                         | 7.03                | (4.95 - 9.88)                         | 0.31              | (0.21 - 0.46)                       | 0.92              | (0.70 - 1.21)                       |
| Wilmington City                           | 7.36                | (5.10 - 10.51)                        | 8.89                | (5.91 - 13.17)                        | *                 | (* - *)                             | 1.51              | (1.09 - 2.09)                       |
| <b>District of Columbia</b>               | 7.61                | (6.51 - 8.87)                         | 14.18               | (11.81 - 16.93)                       | 0.94              | (0.66 - 1.33)                       | 3.26              | (2.76 - 3.84)                       |
| Ward 1                                    | *                   | (* - *)                               | 19.25               | (13.57 - 26.57)                       | 1.42              | (0.86 - 2.33)                       | 5.08              | (3.74 - 6.88)                       |
| Ward 2                                    | *                   | (* - *)                               | 16.67               | (11.88 - 22.90)                       | 1.36              | (0.87 - 2.13)                       | 5.76              | (4.30 - 7.66)                       |
| Ward 3                                    | 5.94                | (4.10 - 8.52)                         | 16.31               | (11.33 - 22.92)                       | 1.49              | (0.88 - 2.50)                       | 3.97              | (2.94 - 5.33)                       |
| Ward 4                                    | 6.90                | (4.83 - 9.76)                         | 9.08                | (6.04 - 13.44)                        | 0.64              | (0.40 - 1.01)                       | 1.57              | (1.15 - 2.13)                       |
| Ward 5                                    | 9.44                | (6.94 - 12.72)                        | 12.33               | (8.35 - 17.84)                        | 0.61              | (0.38 - 0.97)                       | 2.56              | (1.89 - 3.45)                       |
| Ward 6                                    | 7.40                | (5.31 - 10.23)                        | 12.09               | (8.57 - 16.80)                        | 1.10              | (0.70 - 1.75)                       | 2.68              | (2.01 - 3.55)                       |
| Ward 7                                    | 7.74                | (5.63 - 10.54)                        | 11.65               | (8.03 - 16.60)                        | 0.49              | (0.29 - 0.82)                       | 2.20              | (1.63 - 2.96)                       |
| Ward 8                                    | 7.05                | (5.34 - 9.25)                         | 12.55               | (8.67 - 17.82)                        | 0.65              | (0.39 - 1.07)                       | 2.79              | (2.07 - 3.75)                       |

See notes at end of table.

(continued)

**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 5.59                | (5.05 - 6.19)                         | 7.14                | (6.35 - 8.02)                         | 0.29              | (0.23 - 0.37)                       | 1.08              | (0.96 - 1.20)                       |
| Broward (Circuit 17)                                                    | 4.09                | (2.99 - 5.57)                         | 7.33                | (5.43 - 9.83)                         | 0.25              | (0.17 - 0.35)                       | 1.04              | (0.81 - 1.32)                       |
| Central I                                                               | 4.98                | (4.06 - 6.10)                         | 7.14                | (5.75 - 8.84)                         | 0.39              | (0.29 - 0.52)                       | 1.32              | (1.10 - 1.58)                       |
| Circuit 9                                                               | 4.92                | (3.80 - 6.34)                         | 6.86                | (5.28 - 8.87)                         | 0.44              | (0.31 - 0.62)                       | 1.43              | (1.15 - 1.77)                       |
| Circuit 18                                                              | 5.08                | (3.75 - 6.85)                         | 7.75                | (5.54 - 10.74)                        | 0.31              | (0.22 - 0.44)                       | 1.14              | (0.88 - 1.48)                       |
| Central II                                                              | 5.80                | (4.98 - 6.74)                         | 7.23                | (6.09 - 8.56)                         | 0.25              | (0.19 - 0.34)                       | 0.95              | (0.82 - 1.11)                       |
| Circuit 6                                                               | 6.71                | (5.12 - 8.74)                         | 8.18                | (5.94 - 11.17)                        | 0.32              | (0.22 - 0.45)                       | 1.04              | (0.82 - 1.33)                       |
| Circuit 10                                                              | 5.09                | (3.72 - 6.92)                         | 5.26                | (3.79 - 7.26)                         | 0.21              | (0.14 - 0.31)                       | 0.81              | (0.62 - 1.04)                       |
| Circuit 12                                                              | 6.50                | (4.61 - 9.07)                         | 8.17                | (5.60 - 11.77)                        | *                 | (* - *)                             | 0.86              | (0.65 - 1.14)                       |
| Circuit 13 (Hillsborough)                                               | 5.77                | (4.41 - 7.51)                         | 7.66                | (5.75 - 10.12)                        | 0.24              | (0.16 - 0.36)                       | 1.18              | (0.93 - 1.51)                       |
| Circuit 20                                                              | 4.90                | (3.50 - 6.82)                         | 6.78                | (4.75 - 9.58)                         | 0.24              | (0.17 - 0.34)                       | 0.80              | (0.61 - 1.03)                       |
| Northeast                                                               | 6.42                | (5.42 - 7.60)                         | 7.63                | (6.27 - 9.25)                         | 0.32              | (0.24 - 0.43)                       | 1.19              | (1.01 - 1.40)                       |
| Circuit 4                                                               | 4.70                | (3.46 - 6.36)                         | 7.81                | (5.63 - 10.75)                        | 0.39              | (0.27 - 0.56)                       | 1.37              | (1.06 - 1.75)                       |
| Circuit 5                                                               | 7.38                | (5.41 - 9.98)                         | 6.73                | (4.79 - 9.38)                         | 0.26              | (0.17 - 0.39)                       | 0.80              | (0.62 - 1.05)                       |
| Circuit 7                                                               | 7.43                | (5.54 - 9.89)                         | 7.55                | (5.35 - 10.57)                        | *                 | (* - *)                             | 1.09              | (0.83 - 1.44)                       |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | 7.43                | (5.24 - 10.43)                        | 8.32                | (5.77 - 11.84)                        | *                 | (* - *)                             | 1.86              | (1.39 - 2.49)                       |
| Northwest                                                               | 7.99                | (6.42 - 9.90)                         | 10.10               | (8.10 - 12.53)                        | 0.45              | (0.33 - 0.61)                       | 1.95              | (1.62 - 2.36)                       |
| Circuit 1                                                               | 8.51                | (6.28 - 11.44)                        | 8.75                | (6.38 - 11.90)                        | 0.46              | (0.31 - 0.68)                       | 1.65              | (1.28 - 2.12)                       |
| Circuit 2 plus Madison and<br>Taylor                                    | 7.57                | (5.30 - 10.70)                        | 12.26               | (8.95 - 16.57)                        | *                 | (* - *)                             | 2.88              | (2.19 - 3.78)                       |
| Circuit 14                                                              | *                   | (* - *)                               | 8.50                | (5.74 - 12.43)                        | *                 | (* - *)                             | 1.33              | (0.98 - 1.80)                       |
| South (Circuits 11 and 16)                                              | 4.55                | (3.55 - 5.81)                         | 4.73                | (3.59 - 6.22)                         | 0.21              | (0.13 - 0.34)                       | 0.72              | (0.57 - 0.91)                       |
| Southeast                                                               | 5.72                | (4.56 - 7.15)                         | 7.55                | (5.87 - 9.66)                         | 0.33              | (0.24 - 0.45)                       | 1.02              | (0.84 - 1.24)                       |
| Circuit 15 (Palm Beach)                                                 | 5.36                | (4.02 - 7.11)                         | 7.33                | (5.33 - 10.00)                        | 0.35              | (0.24 - 0.50)                       | 1.02              | (0.80 - 1.29)                       |
| Circuit 19                                                              | 6.51                | (4.72 - 8.92)                         | 8.07                | (5.68 - 11.34)                        | *                 | (* - *)                             | 1.02              | (0.78 - 1.34)                       |
| <b>Georgia</b>                                                          | 4.69                | (4.04 - 5.44)                         | 7.14                | (6.09 - 8.35)                         | 0.27              | (0.20 - 0.35)                       | 1.24              | (1.08 - 1.42)                       |
| Region 1                                                                | 3.75                | (2.83 - 4.96)                         | 6.83                | (5.13 - 9.04)                         | 0.24              | (0.16 - 0.34)                       | 1.07              | (0.84 - 1.35)                       |
| Region 2                                                                | 4.54                | (3.35 - 6.11)                         | 6.99                | (5.13 - 9.48)                         | 0.23              | (0.16 - 0.33)                       | 1.32              | (1.01 - 1.71)                       |
| Region 3                                                                | 5.56                | (4.39 - 7.01)                         | 8.84                | (6.83 - 11.37)                        | 0.36              | (0.26 - 0.50)                       | 1.45              | (1.19 - 1.78)                       |
| Region 4                                                                | 5.00                | (3.51 - 7.10)                         | 5.88                | (4.01 - 8.53)                         | *                 | (* - *)                             | 1.14              | (0.84 - 1.56)                       |
| Region 5                                                                | 4.51                | (3.25 - 6.24)                         | 6.16                | (4.45 - 8.46)                         | 0.23              | (0.16 - 0.33)                       | 1.20              | (0.92 - 1.56)                       |
| Region 6                                                                | 4.85                | (3.57 - 6.57)                         | 6.28                | (4.53 - 8.65)                         | 0.22              | (0.15 - 0.32)                       | 1.10              | (0.85 - 1.43)                       |

See notes at end of table.

(continued)

**Table 3 First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 6.54                | (5.53 - 7.71)                         | 6.94                | (5.60 - 8.57)                         | 0.44              | (0.30 - 0.66)                       | 1.25              | (1.03 - 1.52)                       |
| Hawaii Island                   | 8.93                | (6.65 - 11.89)                        | 9.03                | (6.27 - 12.83)                        | 0.81              | (0.49 - 1.34)                       | 1.84              | (1.36 - 2.47)                       |
| Honolulu                        | 5.94                | (4.80 - 7.33)                         | 6.50                | (5.01 - 8.40)                         | 0.38              | (0.24 - 0.60)                       | 1.16              | (0.92 - 1.45)                       |
| Kauai                           | 10.00               | (6.98 - 14.13)                        | 9.22                | (6.01 - 13.87)                        | *                 | (* - *)                             | 1.42              | (1.00 - 2.01)                       |
| Maui                            | 5.94                | (4.17 - 8.38)                         | 7.07                | (4.73 - 10.46)                        | 0.48              | (0.30 - 0.77)                       | 1.24              | (0.91 - 1.69)                       |
| <b>Idaho</b>                    | 5.17                | (4.40 - 6.07)                         | 6.76                | (5.65 - 8.06)                         | 0.34              | (0.26 - 0.46)                       | 1.32              | (1.13 - 1.54)                       |
| Region 1                        | 6.62                | (4.67 - 9.32)                         | 6.73                | (4.64 - 9.67)                         | 0.37              | (0.24 - 0.57)                       | 1.15              | (0.85 - 1.53)                       |
| Region 2                        | *                   | (* - *)                               | 7.83                | (5.37 - 11.29)                        | *                 | (* - *)                             | 1.76              | (1.30 - 2.39)                       |
| Region 3                        | 4.18                | (3.02 - 5.74)                         | 5.70                | (4.10 - 7.88)                         | 0.26              | (0.18 - 0.38)                       | 1.06              | (0.81 - 1.38)                       |
| Region 4                        | 7.08                | (5.44 - 9.16)                         | 9.67                | (7.19 - 12.90)                        | 0.46              | (0.31 - 0.68)                       | 1.69              | (1.32 - 2.16)                       |
| Region 5                        | 4.31                | (3.07 - 6.00)                         | 5.49                | (3.85 - 7.78)                         | 0.33              | (0.23 - 0.47)                       | 1.05              | (0.80 - 1.37)                       |
| Region 6                        | 3.85                | (2.58 - 5.69)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.19              | (0.87 - 1.63)                       |
| Region 7                        | 3.15                | (2.19 - 4.50)                         | 5.34                | (3.85 - 7.37)                         | 0.27              | (0.17 - 0.42)                       | 1.27              | (0.96 - 1.68)                       |
| <b>Illinois</b>                 | 4.83                | (4.29 - 5.44)                         | 7.99                | (7.01 - 9.08)                         | 0.29              | (0.23 - 0.37)                       | 1.32              | (1.17 - 1.50)                       |
| Region 1 (Cook)                 | 5.32                | (4.53 - 6.24)                         | 8.18                | (6.90 - 9.68)                         | 0.31              | (0.22 - 0.42)                       | 1.31              | (1.12 - 1.52)                       |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.30              | (0.98 - 1.73)                       |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.96              | (0.71 - 1.30)                       |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 2.09              | (1.52 - 2.87)                       |
| Region 1.4 (West Side)          | 5.64                | (3.84 - 8.22)                         | 7.81                | (5.49 - 11.02)                        | *                 | (* - *)                             | 1.53              | (1.15 - 2.04)                       |
| Region 1.5 (South Side)         | 8.34                | (5.96 - 11.55)                        | 10.03               | (6.85 - 14.45)                        | *                 | (* - *)                             | 1.60              | (1.16 - 2.20)                       |
| Region 1.6 (Southwest Side)     | 4.44                | (3.03 - 6.47)                         | 6.85                | (4.76 - 9.75)                         | *                 | (* - *)                             | 1.11              | (0.83 - 1.49)                       |
| Region 1.7 (Suburban Cook)      | 4.79                | (3.80 - 6.03)                         | 7.75                | (5.92 - 10.07)                        | 0.27              | (0.19 - 0.39)                       | 1.14              | (0.91 - 1.43)                       |
| Region 2                        | 4.67                | (3.92 - 5.56)                         | 7.88                | (6.51 - 9.51)                         | 0.31              | (0.24 - 0.41)                       | 1.36              | (1.15 - 1.60)                       |
| Region 2a (DuPage)              | 4.68                | (3.40 - 6.39)                         | 8.24                | (5.89 - 11.42)                        | 0.37              | (0.25 - 0.54)                       | 1.37              | (1.05 - 1.78)                       |
| Region 2b                       | 4.40                | (3.43 - 5.62)                         | 7.47                | (5.71 - 9.72)                         | 0.28              | (0.20 - 0.39)                       | 1.31              | (1.04 - 1.65)                       |
| Region 2c (Winnebago)           | 5.09                | (3.45 - 7.45)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.38              | (1.04 - 1.84)                       |
| Region 2d                       | 5.58                | (4.06 - 7.62)                         | 8.68                | (6.24 - 11.95)                        | *                 | (* - *)                             | 1.49              | (1.14 - 1.96)                       |
| Region 3                        | 4.46                | (3.40 - 5.83)                         | 8.78                | (6.91 - 11.11)                        | 0.26              | (0.19 - 0.37)                       | 1.58              | (1.29 - 1.95)                       |
| Region 3a (Champaign)           | *                   | (* - *)                               | 9.66                | (6.83 - 13.51)                        | *                 | (* - *)                             | 2.91              | (2.16 - 3.92)                       |
| Region 3b                       | 4.39                | (3.24 - 5.91)                         | 8.50                | (6.38 - 11.24)                        | 0.24              | (0.17 - 0.35)                       | 1.37              | (1.07 - 1.74)                       |
| Region 4                        | 4.56                | (3.46 - 5.98)                         | 6.86                | (5.13 - 9.11)                         | 0.24              | (0.17 - 0.34)                       | 1.09              | (0.86 - 1.38)                       |
| Region 4a (Sangamon)            | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.24              | (0.91 - 1.68)                       |
| Region 4b                       | 4.46                | (3.20 - 6.18)                         | 6.53                | (4.60 - 9.18)                         | 0.22              | (0.15 - 0.34)                       | 1.05              | (0.79 - 1.39)                       |
| Region 5                        | 3.99                | (3.08 - 5.16)                         | 7.29                | (5.61 - 9.43)                         | 0.26              | (0.18 - 0.36)                       | 1.18              | (0.94 - 1.46)                       |
| Region 5a                       | 3.71                | (2.58 - 5.30)                         | 8.09                | (5.53 - 11.68)                        | *                 | (* - *)                             | 1.23              | (0.91 - 1.67)                       |
| Region 5b                       | 4.24                | (3.01 - 5.93)                         | 6.70                | (4.82 - 9.23)                         | 0.26              | (0.17 - 0.39)                       | 1.13              | (0.86 - 1.48)                       |

See notes at end of table.

(continued)

**Table 3 First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 5.79                | (4.94 - 6.77)                         | 8.67                | (7.28 - 10.29)                        | 0.37              | (0.28 - 0.48)                       | 1.58              | (1.35 - 1.84)                       |
| Central                                     | 6.07                | (4.57 - 8.02)                         | 7.19                | (5.23 - 9.82)                         | 0.41              | (0.29 - 0.57)                       | 1.34              | (1.05 - 1.71)                       |
| East                                        | 5.66                | (3.90 - 8.14)                         | 8.79                | (6.11 - 12.48)                        | *                 | (* - *)                             | 1.55              | (1.14 - 2.10)                       |
| North Central                               | 5.79                | (4.15 - 8.03)                         | 9.83                | (6.98 - 13.69)                        | 0.37              | (0.25 - 0.53)                       | 1.67              | (1.26 - 2.21)                       |
| Northeast                                   | 5.49                | (3.80 - 7.86)                         | 9.39                | (6.62 - 13.15)                        | 0.49              | (0.32 - 0.73)                       | 1.71              | (1.29 - 2.26)                       |
| Northwest                                   | 5.61                | (3.95 - 7.90)                         | 7.70                | (5.33 - 10.99)                        | *                 | (* - *)                             | 1.35              | (1.00 - 1.82)                       |
| Southeast                                   | 5.12                | (3.65 - 7.15)                         | 8.86                | (6.17 - 12.58)                        | *                 | (* - *)                             | 1.29              | (0.96 - 1.74)                       |
| Southwest                                   | *                   | (* - *)                               | 8.59                | (5.93 - 12.27)                        | *                 | (* - *)                             | 1.44              | (1.06 - 1.95)                       |
| West                                        | 6.34                | (4.25 - 9.34)                         | 10.04               | (6.90 - 14.39)                        | *                 | (* - *)                             | 2.56              | (1.85 - 3.53)                       |
| <b>Iowa</b>                                 | 4.15                | (3.49 - 4.93)                         | 7.93                | (6.63 - 9.46)                         | 0.26              | (0.19 - 0.35)                       | 1.35              | (1.15 - 1.58)                       |
| Central                                     | 5.63                | (4.08 - 7.72)                         | 7.33                | (5.27 - 10.11)                        | 0.32              | (0.21 - 0.48)                       | 1.32              | (1.01 - 1.72)                       |
| North Central                               | 4.00                | (2.76 - 5.76)                         | 8.35                | (6.01 - 11.49)                        | *                 | (* - *)                             | 1.67              | (1.26 - 2.20)                       |
| Northeast                                   | 3.39                | (2.41 - 4.73)                         | 8.38                | (6.21 - 11.20)                        | 0.23              | (0.15 - 0.35)                       | 1.38              | (1.06 - 1.78)                       |
| Northwest                                   | 4.11                | (2.87 - 5.84)                         | 6.71                | (4.71 - 9.46)                         | 0.24              | (0.16 - 0.36)                       | 1.07              | (0.81 - 1.42)                       |
| Southeast                                   | 4.12                | (3.01 - 5.61)                         | 8.58                | (6.26 - 11.66)                        | 0.29              | (0.19 - 0.42)                       | 1.50              | (1.16 - 1.95)                       |
| Southwest                                   | 3.58                | (2.43 - 5.24)                         | 7.57                | (5.23 - 10.84)                        | *                 | (* - *)                             | 1.07              | (0.80 - 1.44)                       |
| <b>Kansas</b>                               | 5.06                | (4.24 - 6.03)                         | 6.87                | (5.64 - 8.34)                         | 0.39              | (0.29 - 0.53)                       | 1.35              | (1.14 - 1.60)                       |
| Northeast                                   | 5.01                | (3.90 - 6.43)                         | 7.73                | (5.98 - 9.95)                         | 0.43              | (0.30 - 0.61)                       | 1.58              | (1.27 - 1.95)                       |
| Northwest and North Central                 | 4.82                | (3.21 - 7.17)                         | *                   | (* - *)                               | *                 | (* - *)                             | 0.99              | (0.72 - 1.36)                       |
| South Central                               | 5.60                | (4.27 - 7.30)                         | 6.15                | (4.55 - 8.27)                         | 0.40              | (0.28 - 0.58)                       | 1.21              | (0.96 - 1.54)                       |
| Southeast                                   | 4.50                | (3.01 - 6.67)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.13              | (0.83 - 1.54)                       |
| Southwest                                   | 3.88                | (2.55 - 5.85)                         | 4.91                | (3.28 - 7.30)                         | *                 | (* - *)                             | 0.95              | (0.69 - 1.29)                       |
| <b>Kentucky</b>                             | 4.64                | (3.93 - 5.48)                         | 6.49                | (5.35 - 7.86)                         | 0.26              | (0.19 - 0.36)                       | 1.15              | (0.97 - 1.36)                       |
| Adanta, Cumberland River,<br>and Lifeskills | 5.04                | (3.66 - 6.90)                         | 5.25                | (3.66 - 7.47)                         | 0.23              | (0.15 - 0.36)                       | 0.96              | (0.72 - 1.29)                       |
| Bluegrass, Comprehend, and<br>North Key     | 3.76                | (2.75 - 5.11)                         | 7.91                | (5.89 - 10.56)                        | 0.26              | (0.17 - 0.40)                       | 1.34              | (1.04 - 1.73)                       |
| Centerstone                                 | 5.84                | (4.39 - 7.73)                         | 6.91                | (4.86 - 9.73)                         | 0.34              | (0.23 - 0.50)                       | 1.28              | (0.96 - 1.69)                       |
| Communicare and River Valley                | 4.23                | (2.88 - 6.16)                         | 5.71                | (3.89 - 8.31)                         | *                 | (* - *)                             | 1.07              | (0.78 - 1.46)                       |
| Four Rivers and Pennyroyal                  | 5.35                | (3.64 - 7.78)                         | 5.77                | (3.95 - 8.36)                         | *                 | (* - *)                             | 1.11              | (0.82 - 1.50)                       |
| Kentucky River, Mountain,<br>and Pathways   | 3.91                | (2.68 - 5.66)                         | 5.46                | (3.76 - 7.87)                         | *                 | (* - *)                             | 0.86              | (0.63 - 1.17)                       |

See notes at end of table.

(continued)

**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 4.62                | (3.92 - 5.44)                         | 7.08                | (5.92 - 8.44)                         | 0.24              | (0.18 - 0.32)                       | 1.19              | (1.02 - 1.39)                       |
| Regions 1 and 10      | 5.24                | (3.97 - 6.90)                         | 7.30                | (5.47 - 9.68)                         | 0.30              | (0.21 - 0.41)                       | 1.21              | (0.96 - 1.51)                       |
| Region 1              | 5.65                | (3.90 - 8.13)                         | 7.89                | (5.42 - 11.36)                        | *                 | (* - *)                             | 1.49              | (1.11 - 1.99)                       |
| Region 10 (Jefferson) | 4.83                | (3.32 - 6.97)                         | 6.55                | (4.57 - 9.32)                         | *                 | (* - *)                             | 0.94              | (0.71 - 1.25)                       |
| Regions 2 and 9       | 4.64                | (3.45 - 6.21)                         | 8.68                | (6.55 - 11.42)                        | 0.22              | (0.15 - 0.33)                       | 1.43              | (1.12 - 1.81)                       |
| Region 3              | 4.11                | (2.87 - 5.85)                         | 5.65                | (3.88 - 8.14)                         | *                 | (* - *)                             | 0.98              | (0.74 - 1.30)                       |
| Regions 4, 5, and 6   | 4.93                | (3.69 - 6.54)                         | 6.14                | (4.37 - 8.55)                         | 0.25              | (0.18 - 0.36)                       | 1.10              | (0.84 - 1.43)                       |
| Regions 7 and 8       | 3.89                | (2.78 - 5.42)                         | 6.63                | (4.80 - 9.09)                         | 0.20              | (0.14 - 0.29)                       | 1.09              | (0.84 - 1.42)                       |
| <b>Maine</b>          | 6.77                | (5.84 - 7.83)                         | 10.50               | (8.72 - 12.60)                        | 0.46              | (0.32 - 0.64)                       | 1.70              | (1.43 - 2.02)                       |
| Aroostook/Downeast    | 5.74                | (4.26 - 7.68)                         | 8.46                | (6.27 - 11.32)                        | 0.42              | (0.28 - 0.64)                       | 1.29              | (1.01 - 1.66)                       |
| Aroostook             | 5.37                | (3.67 - 7.78)                         | 7.73                | (5.21 - 11.33)                        | *                 | (* - *)                             | 1.15              | (0.84 - 1.56)                       |
| Downeast              | *                   | (* - *)                               | 9.16                | (6.09 - 13.56)                        | *                 | (* - *)                             | 1.43              | (1.02 - 2.00)                       |
| Central               | 6.29                | (4.46 - 8.81)                         | 10.66               | (7.27 - 15.39)                        | *                 | (* - *)                             | 1.60              | (1.17 - 2.20)                       |
| Cumberland            | 7.05                | (5.29 - 9.33)                         | 12.06               | (8.54 - 16.76)                        | 0.53              | (0.33 - 0.87)                       | 1.98              | (1.48 - 2.64)                       |
| Midcoast              | 7.81                | (5.47 - 11.03)                        | 10.73               | (7.22 - 15.66)                        | *                 | (* - *)                             | 1.54              | (1.11 - 2.14)                       |
| Penquis               | 6.28                | (4.51 - 8.68)                         | 10.24               | (7.24 - 14.28)                        | 0.47              | (0.30 - 0.75)                       | 1.95              | (1.45 - 2.62)                       |
| Western               | 7.25                | (5.41 - 9.65)                         | 9.32                | (6.52 - 13.15)                        | 0.41              | (0.26 - 0.64)                       | 1.57              | (1.16 - 2.11)                       |
| York                  | 6.72                | (4.87 - 9.21)                         | 11.35               | (8.15 - 15.60)                        | 0.49              | (0.31 - 0.76)                       | 1.80              | (1.36 - 2.38)                       |
| <b>Maryland</b>       | 6.05                | (5.20 - 7.02)                         | 9.60                | (7.98 - 11.51)                        | 0.42              | (0.32 - 0.54)                       | 1.58              | (1.35 - 1.84)                       |
| Anne Arundel          | 5.83                | (4.08 - 8.26)                         | 9.92                | (6.78 - 14.28)                        | *                 | (* - *)                             | 1.57              | (1.16 - 2.13)                       |
| Baltimore City        | 7.10                | (5.01 - 9.97)                         | 9.66                | (6.71 - 13.70)                        | 0.50              | (0.33 - 0.75)                       | 1.90              | (1.41 - 2.54)                       |
| Baltimore County      | 7.30                | (5.20 - 10.16)                        | 9.58                | (6.52 - 13.86)                        | *                 | (* - *)                             | 1.59              | (1.18 - 2.15)                       |
| Montgomery            | 4.58                | (3.28 - 6.37)                         | 8.42                | (5.85 - 11.97)                        | 0.42              | (0.29 - 0.62)                       | 1.22              | (0.93 - 1.59)                       |
| North Central         | 4.69                | (3.24 - 6.74)                         | 10.58               | (7.22 - 15.26)                        | *                 | (* - *)                             | 1.68              | (1.25 - 2.26)                       |
| Northeast             | 7.45                | (5.13 - 10.70)                        | 10.19               | (6.85 - 14.90)                        | *                 | (* - *)                             | 1.65              | (1.20 - 2.26)                       |
| Prince George's       | 6.34                | (4.41 - 9.03)                         | 11.65               | (8.25 - 16.21)                        | 0.35              | (0.22 - 0.56)                       | 1.80              | (1.36 - 2.39)                       |
| South                 | 5.20                | (3.65 - 7.36)                         | 8.01                | (5.41 - 11.71)                        | *                 | (* - *)                             | 1.53              | (1.12 - 2.08)                       |
| West                  | 7.35                | (5.22 - 10.26)                        | 8.28                | (5.52 - 12.23)                        | *                 | (* - *)                             | 1.50              | (1.09 - 2.06)                       |

See notes at end of table.

(continued)

**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 6.61                | (5.67 - 7.69)                         | 10.55               | (8.82 - 12.58)                        | 0.61              | (0.46 - 0.80)                       | 2.03              | (1.74 - 2.38)                       |
| Boston                | 5.03                | (3.40 - 7.38)                         | 10.82               | (7.67 - 15.04)                        | 0.80              | (0.53 - 1.21)                       | 2.78              | (2.10 - 3.67)                       |
| Central               | 6.70                | (4.77 - 9.35)                         | 10.11               | (7.11 - 14.18)                        | 0.55              | (0.37 - 0.82)                       | 1.94              | (1.47 - 2.57)                       |
| Metrowest             | 6.05                | (4.52 - 8.05)                         | 10.70               | (7.55 - 14.96)                        | 0.66              | (0.45 - 0.97)                       | 2.03              | (1.55 - 2.65)                       |
| Northeast             | 7.35                | (5.61 - 9.56)                         | 9.45                | (6.76 - 13.06)                        | 0.53              | (0.37 - 0.77)                       | 1.63              | (1.27 - 2.09)                       |
| Southeast             | 6.22                | (4.52 - 8.51)                         | 9.05                | (6.42 - 12.62)                        | 0.55              | (0.37 - 0.80)                       | 1.63              | (1.25 - 2.12)                       |
| Western               | 8.24                | (5.81 - 11.54)                        | 13.76               | (9.93 - 18.76)                        | 0.57              | (0.37 - 0.89)                       | 2.63              | (1.99 - 3.47)                       |
| <b>Michigan</b>       | 5.84                | (5.23 - 6.52)                         | 8.34                | (7.34 - 9.47)                         | 0.46              | (0.37 - 0.59)                       | 1.63              | (1.45 - 1.84)                       |
| Region 1              | 5.17                | (3.62 - 7.34)                         | 7.88                | (5.50 - 11.18)                        | *                 | (* - *)                             | 1.58              | (1.18 - 2.11)                       |
| Region 2              | 5.43                | (3.74 - 7.82)                         | 6.59                | (4.51 - 9.52)                         | *                 | (* - *)                             | 1.04              | (0.78 - 1.39)                       |
| Region 3              | 5.84                | (4.54 - 7.49)                         | 9.74                | (7.34 - 12.81)                        | 0.49              | (0.35 - 0.69)                       | 1.91              | (1.51 - 2.40)                       |
| Region 4              | 7.14                | (5.46 - 9.29)                         | 9.14                | (6.82 - 12.13)                        | 0.47              | (0.34 - 0.67)                       | 1.82              | (1.44 - 2.30)                       |
| Region 5              | 5.22                | (4.11 - 6.61)                         | 7.99                | (6.22 - 10.20)                        | 0.44              | (0.31 - 0.61)                       | 1.72              | (1.40 - 2.12)                       |
| Region 6              | 4.51                | (3.31 - 6.11)                         | 9.28                | (6.89 - 12.39)                        | 0.44              | (0.31 - 0.63)                       | 1.93              | (1.50 - 2.48)                       |
| Region 7              | 6.47                | (5.14 - 8.10)                         | 7.43                | (5.72 - 9.60)                         | 0.53              | (0.38 - 0.74)                       | 1.58              | (1.28 - 1.94)                       |
| Region 8              | 5.59                | (4.35 - 7.17)                         | 8.53                | (6.38 - 11.32)                        | 0.44              | (0.30 - 0.64)                       | 1.45              | (1.14 - 1.83)                       |
| Region 9              | 6.28                | (4.70 - 8.35)                         | 7.82                | (5.72 - 10.61)                        | 0.51              | (0.36 - 0.71)                       | 1.42              | (1.12 - 1.81)                       |
| Region 10             | 6.12                | (4.50 - 8.29)                         | 8.67                | (6.36 - 11.72)                        | 0.43              | (0.30 - 0.62)                       | 1.56              | (1.21 - 2.02)                       |
| <b>Minnesota</b>      | 5.24                | (4.47 - 6.13)                         | 8.55                | (7.14 - 10.22)                        | 0.36              | (0.27 - 0.47)                       | 1.50              | (1.28 - 1.76)                       |
| Regions 1 and 2       | 4.43                | (3.23 - 6.05)                         | 7.76                | (5.62 - 10.61)                        | *                 | (* - *)                             | 1.32              | (1.02 - 1.71)                       |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.23              | (0.90 - 1.69)                       |
| Region 2              | 4.46                | (2.92 - 6.75)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.38              | (1.00 - 1.91)                       |
| Regions 3 and 4       | 5.46                | (4.21 - 7.07)                         | 7.67                | (5.75 - 10.16)                        | 0.37              | (0.26 - 0.52)                       | 1.49              | (1.18 - 1.89)                       |
| Region 3              | 6.89                | (4.61 - 10.18)                        | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 4              | 4.83                | (3.47 - 6.68)                         | 7.15                | (5.05 - 10.05)                        | 0.36              | (0.25 - 0.53)                       | 1.46              | (1.10 - 1.94)                       |
| Regions 5 and 6       | 5.05                | (3.78 - 6.72)                         | 9.04                | (6.98 - 11.64)                        | 0.28              | (0.20 - 0.40)                       | 1.46              | (1.17 - 1.82)                       |
| Region 5              | 4.37                | (2.95 - 6.43)                         | 8.04                | (5.73 - 11.18)                        | *                 | (* - *)                             | 1.30              | (0.98 - 1.73)                       |
| Region 6              | 5.74                | (3.91 - 8.36)                         | 10.24               | (7.14 - 14.49)                        | *                 | (* - *)                             | 1.65              | (1.23 - 2.21)                       |
| Region 7              | 5.36                | (4.35 - 6.58)                         | 8.84                | (7.05 - 11.04)                        | 0.38              | (0.28 - 0.52)                       | 1.56              | (1.29 - 1.89)                       |
| Region 7A (Hennepin)  | 5.32                | (3.92 - 7.18)                         | 10.59               | (7.71 - 14.38)                        | 0.47              | (0.32 - 0.69)                       | 1.75              | (1.35 - 2.26)                       |
| Region 7B (Ramsey)    | 4.48                | (3.10 - 6.45)                         | 6.57                | (4.60 - 9.31)                         | *                 | (* - *)                             | 1.44              | (1.07 - 1.93)                       |
| Region 7C             | 5.70                | (4.22 - 7.67)                         | 8.60                | (6.09 - 12.00)                        | 0.30              | (0.20 - 0.46)                       | 1.42              | (1.07 - 1.89)                       |

See notes at end of table.

(continued)



**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 4.41                | (3.72 - 5.21)                         | 6.03                | (4.99 - 7.26)                         | 0.17              | (0.12 - 0.24)                       | 1.02              | (0.86 - 1.21)                       |
| Region 1                               | 4.54                | (3.38 - 6.06)                         | 6.03                | (4.35 - 8.30)                         | 0.17              | (0.11 - 0.25)                       | 1.01              | (0.77 - 1.33)                       |
| Region 2                               | 4.14                | (2.82 - 6.03)                         | 5.22                | (3.66 - 7.39)                         | *                 | (* - *)                             | 0.87              | (0.65 - 1.18)                       |
| Region 3                               | 4.39                | (3.04 - 6.29)                         | 6.09                | (4.29 - 8.57)                         | *                 | (* - *)                             | 1.13              | (0.84 - 1.52)                       |
| Region 4                               | 4.06                | (2.89 - 5.68)                         | 6.97                | (5.02 - 9.59)                         | 0.18              | (0.11 - 0.28)                       | 1.13              | (0.85 - 1.50)                       |
| Region 5                               | 5.37                | (3.63 - 7.88)                         | *                   | (* - *)                               | *                 | (* - *)                             | 0.87              | (0.62 - 1.21)                       |
| Region 6                               | 4.51                | (3.16 - 6.40)                         | 5.74                | (4.06 - 8.06)                         | *                 | (* - *)                             | 1.05              | (0.79 - 1.39)                       |
| Region 7                               | 4.44                | (3.09 - 6.35)                         | 5.92                | (4.12 - 8.45)                         | *                 | (* - *)                             | 0.96              | (0.71 - 1.29)                       |
| <b>Missouri</b>                        | 5.03                | (4.29 - 5.89)                         | 9.15                | (7.62 - 10.95)                        | 0.31              | (0.24 - 0.41)                       | 1.53              | (1.31 - 1.80)                       |
| Central                                | 3.76                | (2.59 - 5.44)                         | 8.30                | (5.93 - 11.50)                        | 0.30              | (0.20 - 0.46)                       | 1.60              | (1.21 - 2.12)                       |
| Eastern                                | 6.29                | (5.03 - 7.84)                         | 10.70               | (8.24 - 13.78)                        | 0.29              | (0.20 - 0.41)                       | 1.65              | (1.32 - 2.06)                       |
| Eastern (St. Louis City and<br>County) | 5.72                | (4.16 - 7.80)                         | 10.45               | (7.51 - 14.36)                        | 0.29              | (0.19 - 0.43)                       | 1.65              | (1.25 - 2.17)                       |
| Eastern (excluding St. Louis)          | 7.14                | (5.28 - 9.58)                         | 11.14               | (7.78 - 15.69)                        | 0.29              | (0.18 - 0.46)                       | 1.66              | (1.23 - 2.23)                       |
| Northwest                              | 5.29                | (4.07 - 6.85)                         | 10.37               | (7.88 - 13.54)                        | 0.38              | (0.28 - 0.52)                       | 1.74              | (1.39 - 2.18)                       |
| Northwest (Jackson)                    | 5.75                | (4.09 - 8.02)                         | 11.63               | (8.12 - 16.40)                        | 0.46              | (0.32 - 0.65)                       | 1.87              | (1.41 - 2.47)                       |
| Northwest (excluding Jackson)          | 4.94                | (3.46 - 7.02)                         | 9.46                | (6.62 - 13.35)                        | *                 | (* - *)                             | 1.63              | (1.22 - 2.19)                       |
| Southeast                              | 4.10                | (2.82 - 5.92)                         | 6.81                | (4.89 - 9.42)                         | *                 | (* - *)                             | 1.11              | (0.84 - 1.46)                       |
| Southwest                              | 3.70                | (2.55 - 5.33)                         | 7.46                | (5.29 - 10.42)                        | 0.33              | (0.22 - 0.48)                       | 1.31              | (0.99 - 1.72)                       |
| <b>Montana</b>                         | 6.35                | (5.46 - 7.37)                         | 9.27                | (7.71 - 11.10)                        | 0.52              | (0.39 - 0.68)                       | 1.81              | (1.54 - 2.12)                       |
| Region 1                               | 4.48                | (3.08 - 6.46)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.25              | (0.93 - 1.68)                       |
| Region 2                               | 5.29                | (3.83 - 7.26)                         | 7.00                | (4.85 - 10.02)                        | 0.57              | (0.38 - 0.85)                       | 1.55              | (1.16 - 2.06)                       |
| Region 3                               | 6.78                | (5.10 - 8.97)                         | 7.15                | (5.13 - 9.89)                         | 0.52              | (0.36 - 0.76)                       | 1.40              | (1.08 - 1.82)                       |
| Region 4                               | 6.41                | (4.83 - 8.47)                         | 10.97               | (8.12 - 14.66)                        | 0.47              | (0.33 - 0.67)                       | 2.16              | (1.66 - 2.80)                       |
| Region 5                               | 7.13                | (5.60 - 9.04)                         | 10.93               | (8.21 - 14.41)                        | 0.56              | (0.38 - 0.81)                       | 2.14              | (1.68 - 2.72)                       |
| <b>Nebraska</b>                        | 4.23                | (3.51 - 5.09)                         | 8.48                | (7.03 - 10.19)                        | 0.26              | (0.19 - 0.36)                       | 1.42              | (1.20 - 1.68)                       |
| Regions 1 and 2                        | 4.48                | (3.23 - 6.20)                         | 7.88                | (5.76 - 10.69)                        | *                 | (* - *)                             | 1.20              | (0.93 - 1.57)                       |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.25              | (0.88 - 1.77)                       |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.17              | (0.84 - 1.63)                       |
| Region 3                               | 3.02                | (2.09 - 4.34)                         | 6.84                | (4.73 - 9.78)                         | 0.22              | (0.14 - 0.34)                       | 1.11              | (0.82 - 1.51)                       |
| Region 4                               | 2.97                | (1.96 - 4.48)                         | 8.10                | (5.65 - 11.49)                        | *                 | (* - *)                             | 1.23              | (0.91 - 1.67)                       |
| Region 5                               | 4.06                | (2.90 - 5.66)                         | 9.48                | (6.96 - 12.77)                        | 0.30              | (0.20 - 0.44)                       | 1.73              | (1.33 - 2.24)                       |
| Region 6                               | 4.94                | (3.79 - 6.42)                         | 8.59                | (6.56 - 11.17)                        | 0.28              | (0.19 - 0.41)                       | 1.45              | (1.16 - 1.83)                       |

See notes at end of table.

(continued)

**Table 3 First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 6.60                | (5.54 - 7.86)                         | 8.38                | (6.76 - 10.34)                        | 0.49              | (0.35 - 0.68)                       | 1.48              | (1.23 - 1.78)                       |
| Clark – Region 1        | 6.11                | (4.91 - 7.59)                         | 7.75                | (5.99 - 9.97)                         | 0.48              | (0.33 - 0.71)                       | 1.40              | (1.13 - 1.73)                       |
| Region 3                | 7.51                | (5.49 - 10.19)                        | 8.07                | (5.75 - 11.21)                        | *                 | (* - *)                             | 1.30              | (0.99 - 1.70)                       |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.23              | (0.89 - 1.71)                       |
| Washoe – Region 2       | 8.37                | (6.18 - 11.25)                        | 12.12               | (8.63 - 16.76)                        | 0.60              | (0.40 - 0.91)                       | 2.08              | (1.57 - 2.75)                       |
| <b>New Hampshire</b>    | 6.63                | (5.69 - 7.72)                         | 11.35               | (9.40 - 13.64)                        | 0.45              | (0.33 - 0.62)                       | 2.08              | (1.75 - 2.46)                       |
| Central                 | 5.51                | (4.35 - 6.95)                         | 10.12               | (7.76 - 13.09)                        | 0.35              | (0.23 - 0.53)                       | 1.93              | (1.53 - 2.43)                       |
| Central 1               | 5.78                | (4.20 - 7.91)                         | 11.19               | (7.92 - 15.57)                        | 0.36              | (0.24 - 0.55)                       | 2.29              | (1.71 - 3.05)                       |
| Central 2               | 5.27                | (3.86 - 7.15)                         | 8.82                | (6.35 - 12.13)                        | 0.34              | (0.21 - 0.56)                       | 1.57              | (1.18 - 2.10)                       |
| Northern                | 7.85                | (5.54 - 11.03)                        | 14.98               | (10.62 - 20.72)                       | *                 | (* - *)                             | 2.65              | (1.94 - 3.62)                       |
| Southern                | 6.93                | (5.73 - 8.35)                         | 11.24               | (8.83 - 14.21)                        | 0.50              | (0.35 - 0.71)                       | 2.03              | (1.66 - 2.50)                       |
| Southern 1 (Rockingham) | 6.13                | (4.52 - 8.26)                         | 12.22               | (8.57 - 17.13)                        | 0.47              | (0.31 - 0.72)                       | 2.09              | (1.56 - 2.80)                       |
| Southern 2              | 7.46                | (5.90 - 9.38)                         | 10.73               | (7.99 - 14.26)                        | 0.52              | (0.35 - 0.77)                       | 2.00              | (1.56 - 2.56)                       |
| <b>New Jersey</b>       | 4.75                | (4.10 - 5.49)                         | 8.17                | (6.96 - 9.58)                         | 0.32              | (0.25 - 0.43)                       | 1.27              | (1.11 - 1.47)                       |
| Central                 | 4.29                | (3.26 - 5.63)                         | 8.77                | (6.55 - 11.65)                        | 0.32              | (0.23 - 0.46)                       | 1.30              | (1.04 - 1.64)                       |
| Metropolitan            | 3.97                | (2.92 - 5.38)                         | 6.35                | (4.71 - 8.51)                         | 0.28              | (0.19 - 0.42)                       | 1.06              | (0.83 - 1.35)                       |
| Northern                | 4.84                | (3.84 - 6.09)                         | 7.54                | (5.78 - 9.78)                         | 0.34              | (0.25 - 0.48)                       | 1.17              | (0.95 - 1.45)                       |
| Southern                | 6.10                | (4.72 - 7.86)                         | 11.46               | (8.55 - 15.19)                        | 0.35              | (0.24 - 0.52)                       | 1.76              | (1.38 - 2.26)                       |
| <b>New Mexico</b>       | 6.72                | (5.76 - 7.82)                         | 8.26                | (6.77 - 10.06)                        | 0.54              | (0.38 - 0.74)                       | 1.56              | (1.31 - 1.86)                       |
| Region 1                | 6.99                | (5.18 - 9.36)                         | 8.48                | (6.02 - 11.83)                        | 0.65              | (0.43 - 1.00)                       | 1.71              | (1.32 - 2.22)                       |
| Region 2                | 8.26                | (6.01 - 11.24)                        | 10.41               | (7.02 - 15.17)                        | 0.51              | (0.31 - 0.81)                       | 1.56              | (1.15 - 2.13)                       |
| Region 3 (Bernalillo)   | 7.09                | (5.51 - 9.09)                         | 9.22                | (6.85 - 12.29)                        | 0.69              | (0.46 - 1.03)                       | 1.75              | (1.37 - 2.22)                       |
| Region 4                | 5.08                | (3.61 - 7.12)                         | 6.25                | (4.18 - 9.26)                         | 0.32              | (0.22 - 0.47)                       | 1.18              | (0.87 - 1.59)                       |
| Region 5                | 6.02                | (4.61 - 7.82)                         | 7.25                | (5.47 - 9.56)                         | 0.34              | (0.23 - 0.50)                       | 1.38              | (1.08 - 1.75)                       |
| Region 5a               | 5.85                | (4.07 - 8.32)                         | 6.93                | (4.77 - 9.96)                         | 0.36              | (0.24 - 0.55)                       | 1.17              | (0.88 - 1.57)                       |
| Region 5b (Dona Ana)    | 6.16                | (4.28 - 8.78)                         | 7.46                | (5.17 - 10.66)                        | *                 | (* - *)                             | 1.56              | (1.15 - 2.13)                       |

See notes at end of table.

(continued)

**Table 3 First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 5.40                | (4.85 - 6.01)                         | 8.54                | (7.56 - 9.63)                         | 0.38              | (0.30 - 0.48)                       | 1.51              | (1.35 - 1.69)                       |
| Region 1: Long Island                          | 5.57                | (4.46 - 6.92)                         | 9.98                | (7.74 - 12.78)                        | 0.39              | (0.28 - 0.55)                       | 1.62              | (1.31 - 2.01)                       |
| Region 2: New York City                        | 4.82                | (4.09 - 5.66)                         | 7.13                | (6.04 - 8.39)                         | 0.40              | (0.31 - 0.52)                       | 1.29              | (1.12 - 1.49)                       |
| Region 2A: Bronx                               | 4.22                | (3.10 - 5.73)                         | 5.18                | (3.80 - 7.02)                         | 0.24              | (0.16 - 0.36)                       | 1.05              | (0.81 - 1.35)                       |
| Region 2B: Kings                               | 5.48                | (4.18 - 7.16)                         | 8.23                | (6.20 - 10.85)                        | 0.42              | (0.31 - 0.57)                       | 1.50              | (1.20 - 1.86)                       |
| Region 2C: New York                            | 7.12                | (5.18 - 9.71)                         | 10.46               | (7.60 - 14.24)                        | 0.82              | (0.54 - 1.25)                       | 1.97              | (1.53 - 2.55)                       |
| Region 2D: Queens                              | 3.48                | (2.53 - 4.78)                         | 5.76                | (4.19 - 7.88)                         | 0.29              | (0.20 - 0.43)                       | 0.92              | (0.72 - 1.18)                       |
| Region 2E: Richmond                            | 4.41                | (2.98 - 6.48)                         | 7.06                | (4.89 - 10.07)                        | *                 | (* - *)                             | 1.12              | (0.83 - 1.51)                       |
| Region 3: Mid-Hudson                           | 4.91                | (3.79 - 6.35)                         | 8.25                | (6.15 - 10.99)                        | 0.34              | (0.24 - 0.47)                       | 1.44              | (1.14 - 1.81)                       |
| Region 4: Capital Region                       | 7.47                | (5.49 - 10.07)                        | 12.91               | (9.39 - 17.51)                        | 0.40              | (0.25 - 0.63)                       | 2.16              | (1.63 - 2.84)                       |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.46              | (1.05 - 2.02)                       |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.57              | (1.13 - 2.17)                       |
| Region 7: Tug Hill Seaway                      | 4.38                | (2.98 - 6.39)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.88              | (1.37 - 2.57)                       |
| Region 8: Central                              | 6.58                | (5.04 - 8.57)                         | 9.64                | (7.05 - 13.05)                        | 0.37              | (0.25 - 0.54)                       | 1.87              | (1.44 - 2.43)                       |
| Region 9: Southern Tier                        | 5.51                | (3.81 - 7.92)                         | 11.21               | (7.87 - 15.72)                        | *                 | (* - *)                             | 2.36              | (1.73 - 3.20)                       |
| Region 10: Finger Lakes                        | 6.91                | (5.33 - 8.92)                         | 10.37               | (7.69 - 13.83)                        | 0.33              | (0.22 - 0.48)                       | 1.84              | (1.42 - 2.37)                       |
| Region 11: Western                             | 5.45                | (4.29 - 6.91)                         | 9.32                | (7.06 - 12.22)                        | 0.38              | (0.27 - 0.53)                       | 1.72              | (1.37 - 2.17)                       |
| <b>North Carolina</b>                          | 5.33                | (4.67 - 6.08)                         | 7.36                | (6.29 - 8.59)                         | 0.31              | (0.25 - 0.40)                       | 1.27              | (1.11 - 1.46)                       |
| Alliance Behavioral<br>Healthcare 1            | 5.10                | (3.68 - 7.03)                         | 7.81                | (5.65 - 10.70)                        | 0.53              | (0.36 - 0.76)                       | 1.63              | (1.27 - 2.10)                       |
| Alliance Behavioral<br>Healthcare 2            | 5.58                | (4.01 - 7.70)                         | 7.89                | (5.58 - 11.06)                        | 0.32              | (0.22 - 0.45)                       | 1.41              | (1.06 - 1.88)                       |
| Cardinal Innovations<br>Healthcare Solutions 1 | 5.00                | (3.58 - 6.95)                         | 7.78                | (5.38 - 11.13)                        | *                 | (* - *)                             | 1.20              | (0.89 - 1.61)                       |
| Cardinal Innovations<br>Healthcare Solutions 2 | 5.35                | (3.72 - 7.64)                         | 7.16                | (4.99 - 10.17)                        | *                 | (* - *)                             | 1.29              | (0.97 - 1.70)                       |
| Cardinal Innovations<br>Healthcare Solutions 3 | 6.56                | (4.76 - 8.99)                         | 8.69                | (6.36 - 11.77)                        | 0.41              | (0.27 - 0.62)                       | 1.54              | (1.20 - 1.99)                       |
| CenterPoint Human Services                     | 4.73                | (3.28 - 6.76)                         | 6.12                | (4.18 - 8.88)                         | *                 | (* - *)                             | 1.00              | (0.74 - 1.36)                       |
| Eastpointe                                     | 4.82                | (3.48 - 6.62)                         | 5.42                | (3.80 - 7.68)                         | 0.25              | (0.17 - 0.37)                       | 0.91              | (0.69 - 1.20)                       |
| Partners Behavioral Health<br>Management       | 5.72                | (4.09 - 7.94)                         | 7.64                | (5.32 - 10.84)                        | *                 | (* - *)                             | 1.11              | (0.84 - 1.48)                       |
| Sandhills Center 1                             | *                   | (* - *)                               | 6.22                | (4.33 - 8.86)                         | *                 | (* - *)                             | 1.02              | (0.77 - 1.36)                       |
| Sandhills Center 2                             | 5.00                | (3.48 - 7.14)                         | 8.23                | (5.67 - 11.81)                        | *                 | (* - *)                             | 1.46              | (1.08 - 1.97)                       |
| Smoky Mountain Center 1                        | 6.01                | (4.12 - 8.70)                         | 7.46                | (5.26 - 10.46)                        | *                 | (* - *)                             | 1.23              | (0.93 - 1.63)                       |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | 6.86                | (4.62 - 10.07)                        | *                 | (* - *)                             | 1.05              | (0.78 - 1.42)                       |
| Trillium Health Resources 1                    | 4.67                | (3.27 - 6.63)                         | 6.60                | (4.67 - 9.27)                         | 0.32              | (0.22 - 0.47)                       | 1.28              | (0.98 - 1.68)                       |
| Trillium Health Resources 2                    | *                   | (* - *)                               | 8.45                | (5.85 - 12.07)                        | *                 | (* - *)                             | 1.63              | (1.21 - 2.19)                       |

See notes at end of table.

(continued)

**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 4.38                | (3.68 - 5.21)                         | 7.26                | (6.09 - 8.64)                         | 0.30              | (0.22 - 0.41)                       | 1.52              | (1.29 - 1.79)                       |
| Badlands and West Central     | 4.83                | (3.74 - 6.23)                         | 7.60                | (5.72 - 10.03)                        | 0.33              | (0.23 - 0.47)                       | 1.34              | (1.06 - 1.71)                       |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.45              | (1.06 - 2.00)                       |
| West Central                  | 4.74                | (3.53 - 6.32)                         | 7.38                | (5.29 - 10.20)                        | 0.31              | (0.21 - 0.47)                       | 1.31              | (0.99 - 1.73)                       |
| Lake Region                   | 5.69                | (3.77 - 8.49)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.16              | (0.84 - 1.61)                       |
| North Central                 | 4.07                | (2.82 - 5.82)                         | 7.56                | (5.33 - 10.61)                        | *                 | (* - *)                             | 1.48              | (1.10 - 1.98)                       |
| Northeast                     | 5.04                | (3.57 - 7.06)                         | 7.95                | (5.73 - 10.92)                        | *                 | (* - *)                             | 2.19              | (1.65 - 2.89)                       |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.34              | (0.96 - 1.88)                       |
| South Central                 | 3.36                | (2.16 - 5.19)                         | *                   | (* - *)                               | *                 | (* - *)                             | 0.90              | (0.65 - 1.24)                       |
| Southeast                     | 3.68                | (2.64 - 5.10)                         | 7.11                | (5.47 - 9.20)                         | 0.29              | (0.19 - 0.44)                       | 1.73              | (1.37 - 2.19)                       |
| <b>Ohio</b>                   | 5.19                | (4.63 - 5.82)                         | 7.80                | (6.80 - 8.93)                         | 0.27              | (0.21 - 0.35)                       | 1.29              | (1.14 - 1.46)                       |
| Boards 2, 46, 55, and 68      | 3.85                | (2.65 - 5.56)                         | 6.90                | (4.74 - 9.93)                         | *                 | (* - *)                             | 1.06              | (0.78 - 1.44)                       |
| Boards 3, 52, and 85          | 3.54                | (2.39 - 5.21)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.14              | (0.83 - 1.57)                       |
| Boards 4 and 78               | 6.62                | (4.55 - 9.53)                         | 7.38                | (5.11 - 10.55)                        | *                 | (* - *)                             | 1.09              | (0.81 - 1.46)                       |
| Boards 5 and 60               | 4.87                | (3.32 - 7.08)                         | 6.56                | (4.64 - 9.19)                         | *                 | (* - *)                             | 1.37              | (1.01 - 1.85)                       |
| Boards 7, 15, 41, 79, and 84  | 3.75                | (2.57 - 5.45)                         | 6.37                | (4.38 - 9.17)                         | *                 | (* - *)                             | 0.90              | (0.67 - 1.21)                       |
| Boards 8, 13, and 83          | 4.75                | (3.35 - 6.69)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.07              | (0.79 - 1.45)                       |
| Board 9 (Butler)              | 4.41                | (2.99 - 6.44)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.54              | (1.14 - 2.08)                       |
| Board 12                      | 4.14                | (2.80 - 6.08)                         | 7.50                | (5.25 - 10.61)                        | *                 | (* - *)                             | 1.32              | (0.99 - 1.77)                       |
| Boards 18 and 47              | 5.52                | (4.19 - 7.25)                         | 8.33                | (6.15 - 11.18)                        | 0.28              | (0.19 - 0.40)                       | 1.27              | (1.00 - 1.63)                       |
| Boards 20, 32, 54, and 69     | 3.34                | (2.28 - 4.87)                         | 6.84                | (4.75 - 9.75)                         | *                 | (* - *)                             | 1.08              | (0.80 - 1.45)                       |
| Boards 21, 39, 51, 70, and 80 | 4.44                | (3.15 - 6.23)                         | 6.16                | (4.26 - 8.83)                         | *                 | (* - *)                             | 1.01              | (0.75 - 1.36)                       |
| Boards 22, 74, and 87         | 4.81                | (3.38 - 6.80)                         | 8.95                | (6.42 - 12.36)                        | *                 | (* - *)                             | 1.44              | (1.09 - 1.90)                       |
| Boards 23 and 45              | 4.34                | (3.04 - 6.16)                         | 8.14                | (5.77 - 11.36)                        | *                 | (* - *)                             | 1.43              | (1.08 - 1.90)                       |
| Board 25 (Franklin)           | 4.79                | (3.58 - 6.37)                         | 9.22                | (6.97 - 12.10)                        | 0.41              | (0.29 - 0.58)                       | 1.75              | (1.40 - 2.19)                       |
| Boards 27, 71, and 73         | 5.27                | (3.72 - 7.41)                         | 6.51                | (4.47 - 9.39)                         | *                 | (* - *)                             | 1.05              | (0.77 - 1.42)                       |
| Boards 28, 43, and 67         | 6.06                | (4.32 - 8.44)                         | 7.72                | (5.39 - 10.95)                        | *                 | (* - *)                             | 1.41              | (1.05 - 1.88)                       |
| Board 31 (Hamilton)           | 7.16                | (5.34 - 9.55)                         | 9.30                | (6.55 - 13.06)                        | 0.33              | (0.21 - 0.50)                       | 1.61              | (1.20 - 2.15)                       |
| Board 48 (Lucas)              | 7.42                | (5.17 - 10.54)                        | 8.56                | (5.95 - 12.15)                        | *                 | (* - *)                             | 1.53              | (1.14 - 2.04)                       |
| Boards 50 and 76              | 5.09                | (3.70 - 6.97)                         | 8.49                | (6.01 - 11.85)                        | 0.24              | (0.17 - 0.36)                       | 1.20              | (0.91 - 1.58)                       |
| Board 57 (Montgomery)         | 6.90                | (4.91 - 9.62)                         | 7.13                | (4.92 - 10.22)                        | *                 | (* - *)                             | 1.19              | (0.89 - 1.60)                       |
| Board 77 (Summit)             | 6.81                | (4.83 - 9.52)                         | 7.59                | (5.26 - 10.84)                        | *                 | (* - *)                             | 1.20              | (0.89 - 1.62)                       |

See notes at end of table.

(continued)

**Table 3 First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 5.09                | (4.31 - 6.01)                         | 5.85                | (4.81 - 7.10)                         | 0.41              | (0.30 - 0.56)                       | 1.23              | (1.03 - 1.46)                       |
| Central                               | 6.26                | (4.49 - 8.66)                         | 7.03                | (4.89 - 10.00)                        | 0.39              | (0.26 - 0.59)                       | 1.50              | (1.12 - 2.01)                       |
| East Central                          | 3.61                | (2.45 - 5.29)                         | 4.42                | (3.02 - 6.42)                         | 0.42              | (0.27 - 0.65)                       | 1.01              | (0.75 - 1.35)                       |
| Northeast                             | 4.73                | (3.26 - 6.82)                         | 5.57                | (3.88 - 7.92)                         | 0.37              | (0.25 - 0.55)                       | 1.23              | (0.92 - 1.64)                       |
| Northwest and Southwest               | 5.61                | (4.00 - 7.81)                         | 5.93                | (4.16 - 8.38)                         | 0.39              | (0.27 - 0.55)                       | 1.23              | (0.94 - 1.62)                       |
| Oklahoma County                       | 5.22                | (3.71 - 7.31)                         | 6.41                | (4.56 - 8.95)                         | 0.42              | (0.27 - 0.65)                       | 1.29              | (0.97 - 1.71)                       |
| Southeast                             | 3.89                | (2.66 - 5.66)                         | 4.62                | (3.19 - 6.65)                         | 0.38              | (0.25 - 0.60)                       | 0.98              | (0.73 - 1.32)                       |
| Tulsa County                          | 5.97                | (4.32 - 8.20)                         | 6.76                | (4.68 - 9.67)                         | 0.49              | (0.31 - 0.77)                       | 1.39              | (1.04 - 1.87)                       |
| <b>Oregon</b>                         | 6.56                | (5.61 - 7.66)                         | 10.01               | (8.30 - 12.02)                        | 0.57              | (0.41 - 0.79)                       | 1.87              | (1.58 - 2.22)                       |
| Region 1 (Multnomah)                  | 7.97                | (5.95 - 10.59)                        | 12.51               | (8.86 - 17.36)                        | 1.01              | (0.65 - 1.56)                       | 2.68              | (2.01 - 3.57)                       |
| Region 2                              | 4.98                | (3.77 - 6.57)                         | 11.41               | (8.40 - 15.33)                        | 0.47              | (0.30 - 0.74)                       | 1.89              | (1.45 - 2.46)                       |
| Region 3                              | 6.52                | (4.90 - 8.63)                         | 8.03                | (5.92 - 10.82)                        | 0.51              | (0.34 - 0.77)                       | 1.72              | (1.33 - 2.21)                       |
| Region 4                              | 8.45                | (6.21 - 11.40)                        | 10.46               | (7.30 - 14.79)                        | 0.46              | (0.29 - 0.72)                       | 1.50              | (1.13 - 2.01)                       |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 6 (Eastern)                    | 6.61                | (4.47 - 9.66)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.71              | (1.23 - 2.35)                       |
| <b>Pennsylvania</b>                   | 4.66                | (4.12 - 5.28)                         | 7.86                | (6.90 - 8.95)                         | 0.31              | (0.24 - 0.40)                       | 1.30              | (1.15 - 1.46)                       |
| Region 1 (Allegheny)                  | 5.05                | (3.69 - 6.89)                         | 7.42                | (5.30 - 10.30)                        | 0.32              | (0.22 - 0.47)                       | 1.19              | (0.91 - 1.55)                       |
| Regions 3, 8, 9, and 51               | 4.67                | (3.36 - 6.44)                         | 8.28                | (6.04 - 11.24)                        | 0.28              | (0.19 - 0.41)                       | 1.31              | (1.01 - 1.70)                       |
| Regions 4, 11, 37, and 49             | 5.10                | (3.68 - 7.01)                         | 5.72                | (3.98 - 8.14)                         | 0.32              | (0.22 - 0.46)                       | 1.07              | (0.82 - 1.41)                       |
| Regions 5, 18, 23, 24, and 46         | 3.18                | (2.29 - 4.39)                         | 5.71                | (4.12 - 7.86)                         | 0.24              | (0.16 - 0.36)                       | 0.92              | (0.70 - 1.20)                       |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 4.49                | (3.11 - 6.45)                         | 10.54               | (7.73 - 14.22)                        | *                 | (* - *)                             | 2.03              | (1.56 - 2.64)                       |
| Regions 7, 13, 20, and 33             | 5.29                | (4.17 - 6.70)                         | 10.35               | (7.89 - 13.47)                        | 0.34              | (0.24 - 0.49)                       | 1.48              | (1.18 - 1.84)                       |
| Regions 10, 15, 27, 32, 43, and 44    | 3.60                | (2.46 - 5.23)                         | 6.44                | (4.45 - 9.24)                         | *                 | (* - *)                             | 0.90              | (0.67 - 1.22)                       |
| Regions 17 and 21                     | 5.02                | (3.40 - 7.34)                         | 6.87                | (4.75 - 9.84)                         | *                 | (* - *)                             | 1.37              | (1.02 - 1.83)                       |
| Regions 19, 26, 28, and 42            | 3.81                | (2.85 - 5.09)                         | 7.59                | (5.58 - 10.24)                        | 0.29              | (0.20 - 0.42)                       | 1.20              | (0.93 - 1.54)                       |
| Regions 22, 38, 40, 41, and 48        | 4.98                | (3.57 - 6.90)                         | 6.96                | (4.93 - 9.76)                         | 0.23              | (0.15 - 0.35)                       | 0.96              | (0.72 - 1.27)                       |
| Regions 29 and 34                     | 4.39                | (3.06 - 6.25)                         | 7.40                | (5.10 - 10.61)                        | *                 | (* - *)                             | 1.22              | (0.91 - 1.63)                       |
| Regions 30 and 50                     | 3.83                | (2.68 - 5.43)                         | 7.19                | (4.94 - 10.37)                        | 0.29              | (0.19 - 0.44)                       | 1.10              | (0.81 - 1.48)                       |
| Region 36 (Philadelphia)              | 5.27                | (3.97 - 6.95)                         | 7.42                | (5.60 - 9.77)                         | 0.42              | (0.29 - 0.60)                       | 1.63              | (1.30 - 2.05)                       |

See notes at end of table.

(continued)

**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 6.42                | (5.49 - 7.51)                         | 9.55                | (7.83 - 11.59)                        | 0.56              | (0.42 - 0.74)                       | 1.87              | (1.58 - 2.21)                       |
| Region 1: Southern Providence<br>County                   | 5.89                | (4.25 - 8.09)                         | 9.91                | (6.83 - 14.16)                        | 0.59              | (0.40 - 0.89)                       | 1.70              | (1.29 - 2.24)                       |
| Region 2: Northern Providence<br>County/Blackstone Valley | 5.25                | (3.77 - 7.27)                         | 7.48                | (5.32 - 10.41)                        | 0.56              | (0.38 - 0.81)                       | 1.36              | (1.05 - 1.76)                       |
| Region 3: Providence                                      | 5.96                | (4.11 - 8.57)                         | 8.45                | (5.97 - 11.83)                        | 0.70              | (0.47 - 1.03)                       | 2.61              | (1.99 - 3.43)                       |
| Region 4: Kent County                                     | 6.49                | (4.73 - 8.83)                         | 9.36                | (6.45 - 13.40)                        | 0.37              | (0.24 - 0.56)                       | 1.33              | (0.99 - 1.79)                       |
| Region 5: East Bay                                        | 10.25               | (7.36 - 14.10)                        | 10.81               | (7.08 - 16.15)                        | 0.62              | (0.39 - 0.97)                       | 1.97              | (1.41 - 2.72)                       |
| Region 6: Newport County                                  | 6.92                | (4.71 - 10.04)                        | *                   | (* - *)                               | *                 | (* - *)                             | 1.74              | (1.25 - 2.41)                       |
| Region 7: South County                                    | 7.02                | (5.07 - 9.65)                         | 14.32               | (10.02 - 20.06)                       | 0.59              | (0.37 - 0.95)                       | 2.83              | (2.08 - 3.84)                       |
| <b>South Carolina</b>                                     | 4.95                | (4.18 - 5.86)                         | 7.54                | (6.24 - 9.08)                         | 0.28              | (0.21 - 0.37)                       | 1.21              | (1.02 - 1.42)                       |
| Region 1                                                  | 4.60                | (3.44 - 6.12)                         | 6.91                | (5.11 - 9.28)                         | 0.22              | (0.15 - 0.32)                       | 1.10              | (0.85 - 1.43)                       |
| Region 2                                                  | 4.80                | (3.63 - 6.34)                         | 7.76                | (5.64 - 10.58)                        | 0.38              | (0.27 - 0.54)                       | 1.41              | (1.10 - 1.81)                       |
| Region 3                                                  | 4.77                | (3.46 - 6.53)                         | 6.09                | (4.30 - 8.57)                         | 0.23              | (0.16 - 0.34)                       | 0.93              | (0.71 - 1.22)                       |
| Region 4                                                  | 5.66                | (4.23 - 7.55)                         | 9.26                | (6.73 - 12.61)                        | 0.31              | (0.21 - 0.44)                       | 1.35              | (1.04 - 1.75)                       |
| <b>South Dakota</b>                                       | 4.66                | (3.96 - 5.47)                         | 7.58                | (6.31 - 9.07)                         | 0.36              | (0.27 - 0.49)                       | 1.40              | (1.19 - 1.65)                       |
| Region 1                                                  | 6.32                | (4.77 - 8.32)                         | 8.28                | (6.04 - 11.25)                        | 0.47              | (0.31 - 0.72)                       | 1.56              | (1.21 - 2.02)                       |
| Region 2                                                  | 4.14                | (2.84 - 5.99)                         | 6.44                | (4.41 - 9.33)                         | *                 | (* - *)                             | 1.19              | (0.88 - 1.61)                       |
| Region 3                                                  | 4.10                | (3.01 - 5.57)                         | 7.57                | (5.57 - 10.22)                        | 0.27              | (0.18 - 0.40)                       | 1.44              | (1.11 - 1.86)                       |
| Region 4                                                  | 4.30                | (3.08 - 5.96)                         | 8.92                | (6.40 - 12.29)                        | 0.30              | (0.20 - 0.44)                       | 1.59              | (1.21 - 2.09)                       |
| Region 5                                                  | 4.06                | (3.00 - 5.47)                         | 6.65                | (4.94 - 8.89)                         | 0.37              | (0.25 - 0.56)                       | 1.21              | (0.95 - 1.55)                       |
| <b>Tennessee</b>                                          | 4.54                | (3.84 - 5.36)                         | 6.54                | (5.43 - 7.87)                         | 0.24              | (0.18 - 0.32)                       | 1.09              | (0.92 - 1.29)                       |
| Region 1                                                  | 4.95                | (3.37 - 7.22)                         | 5.58                | (3.90 - 7.91)                         | *                 | (* - *)                             | 0.84              | (0.63 - 1.13)                       |
| Region 2                                                  | 4.68                | (3.35 - 6.49)                         | 6.26                | (4.37 - 8.89)                         | 0.23              | (0.15 - 0.35)                       | 1.01              | (0.76 - 1.35)                       |
| Region 3                                                  | 5.26                | (3.79 - 7.24)                         | 6.50                | (4.58 - 9.15)                         | 0.20              | (0.13 - 0.30)                       | 1.00              | (0.75 - 1.33)                       |
| Region 4 (Davidson)                                       | 5.00                | (3.33 - 7.43)                         | 8.58                | (5.90 - 12.34)                        | *                 | (* - *)                             | 1.42              | (1.06 - 1.92)                       |
| Region 5                                                  | 4.44                | (3.27 - 6.00)                         | 7.11                | (5.20 - 9.66)                         | 0.31              | (0.22 - 0.44)                       | 1.25              | (0.97 - 1.62)                       |
| Region 6                                                  | 3.54                | (2.38 - 5.25)                         | 4.90                | (3.37 - 7.07)                         | *                 | (* - *)                             | 0.81              | (0.60 - 1.09)                       |
| Region 7 (Shelby)                                         | 4.12                | (2.93 - 5.76)                         | 6.45                | (4.56 - 9.04)                         | 0.23              | (0.15 - 0.35)                       | 1.16              | (0.88 - 1.54)                       |

See notes at end of table.

(continued)

**Table 3 First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 4.78                | (4.29 - 5.33)                         | 5.75                | (5.02 - 6.58)                         | 0.19              | (0.14 - 0.25)                       | 1.01              | (0.89 - 1.15)                       |
| Region 1                                                    | 5.98                | (4.07 - 8.71)                         | 5.31                | (3.67 - 7.63)                         | *                 | (* - *)                             | 1.14              | (0.85 - 1.52)                       |
| Region 2                                                    | 3.73                | (2.52 - 5.50)                         | 5.94                | (4.00 - 8.73)                         | *                 | (* - *)                             | 1.04              | (0.76 - 1.42)                       |
| Region 3                                                    | 4.27                | (3.57 - 5.11)                         | 5.84                | (4.76 - 7.14)                         | 0.20              | (0.15 - 0.28)                       | 1.02              | (0.85 - 1.22)                       |
| Region 3a                                                   | 3.85                | (3.02 - 4.90)                         | 5.79                | (4.53 - 7.38)                         | 0.19              | (0.13 - 0.28)                       | 1.00              | (0.81 - 1.24)                       |
| Region 3bc                                                  | 5.05                | (3.92 - 6.48)                         | 5.91                | (4.39 - 7.92)                         | 0.23              | (0.16 - 0.33)                       | 1.05              | (0.82 - 1.34)                       |
| Region 4                                                    | 4.48                | (3.21 - 6.22)                         | 5.59                | (3.99 - 7.78)                         | 0.21              | (0.14 - 0.31)                       | 0.93              | (0.71 - 1.21)                       |
| Region 5                                                    | 3.93                | (2.65 - 5.79)                         | 6.41                | (4.42 - 9.21)                         | *                 | (* - *)                             | 1.06              | (0.79 - 1.43)                       |
| Region 6                                                    | 5.29                | (4.35 - 6.40)                         | 5.40                | (4.22 - 6.88)                         | 0.16              | (0.11 - 0.24)                       | 0.89              | (0.72 - 1.11)                       |
| Region 6a                                                   | 5.43                | (4.42 - 6.65)                         | 5.38                | (4.13 - 6.98)                         | 0.16              | (0.10 - 0.24)                       | 0.89              | (0.71 - 1.12)                       |
| Region 6bc                                                  | 4.05                | (2.70 - 6.04)                         | 5.59                | (3.83 - 8.09)                         | *                 | (* - *)                             | 0.89              | (0.66 - 1.22)                       |
| Region 7                                                    | 4.93                | (3.89 - 6.24)                         | 7.52                | (5.91 - 9.53)                         | 0.24              | (0.17 - 0.33)                       | 1.49              | (1.21 - 1.83)                       |
| Region 7a                                                   | 5.58                | (4.15 - 7.46)                         | 8.48                | (6.22 - 11.47)                        | 0.26              | (0.17 - 0.39)                       | 1.54              | (1.18 - 1.99)                       |
| Region 7bcd                                                 | 3.78                | (2.70 - 5.26)                         | 6.44                | (4.63 - 8.88)                         | 0.20              | (0.14 - 0.29)                       | 1.42              | (1.07 - 1.88)                       |
| Region 8                                                    | 5.22                | (4.01 - 6.77)                         | 6.46                | (4.87 - 8.52)                         | 0.20              | (0.14 - 0.30)                       | 1.07              | (0.85 - 1.36)                       |
| Region 9                                                    | 5.92                | (4.01 - 8.66)                         | 6.86                | (4.62 - 10.05)                        | *                 | (* - *)                             | 1.13              | (0.82 - 1.54)                       |
| Region 10                                                   | 4.56                | (3.12 - 6.63)                         | 4.74                | (3.37 - 6.64)                         | *                 | (* - *)                             | 0.83              | (0.63 - 1.11)                       |
| Region 11                                                   | 4.37                | (3.42 - 5.57)                         | 3.65                | (2.79 - 4.75)                         | 0.11              | (0.07 - 0.17)                       | 0.66              | (0.52 - 0.83)                       |
| Region 11abd                                                | 4.72                | (3.46 - 6.40)                         | 3.75                | (2.70 - 5.20)                         | *                 | (* - *)                             | 0.67              | (0.51 - 0.88)                       |
| Region 11c (Hidalgo)                                        | 3.85                | (2.66 - 5.54)                         | 3.49                | (2.42 - 5.00)                         | *                 | (* - *)                             | 0.64              | (0.47 - 0.88)                       |
| <b>Utah</b>                                                 | 3.32                | (2.74 - 4.02)                         | 5.45                | (4.41 - 6.72)                         | 0.25              | (0.17 - 0.38)                       | 1.20              | (0.98 - 1.45)                       |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | 3.26                | (2.20 - 4.81)                         | 5.22                | (3.62 - 7.48)                         | *                 | (* - *)                             | 1.23              | (0.90 - 1.69)                       |
| Central, Four Corners, San<br>Juan, and Southwest           | 3.54                | (2.49 - 5.01)                         | 4.96                | (3.56 - 6.88)                         | *                 | (* - *)                             | 1.06              | (0.79 - 1.40)                       |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.00              | (0.71 - 1.41)                       |
| Southwest                                                   | 3.85                | (2.49 - 5.91)                         | 5.16                | (3.42 - 7.71)                         | *                 | (* - *)                             | 1.09              | (0.77 - 1.54)                       |
| Davis County                                                | 3.10                | (2.07 - 4.62)                         | 5.75                | (3.87 - 8.46)                         | *                 | (* - *)                             | 1.14              | (0.82 - 1.57)                       |
| Salt Lake County                                            | 3.99                | (3.02 - 5.25)                         | 6.04                | (4.49 - 8.08)                         | 0.30              | (0.18 - 0.48)                       | 1.15              | (0.90 - 1.48)                       |
| Utah County                                                 | 2.14                | (1.46 - 3.15)                         | 5.07                | (3.57 - 7.16)                         | 0.21              | (0.12 - 0.34)                       | 1.43              | (1.04 - 1.95)                       |
| Weber, Morgan                                               | 3.48                | (2.35 - 5.14)                         | 5.29                | (3.59 - 7.72)                         | *                 | (* - *)                             | 1.05              | (0.77 - 1.44)                       |

See notes at end of table.

(continued)

**Table 3** *First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 6.29                | (5.31 - 7.44)                         | 13.17               | (10.73 - 16.06)                       | 0.58              | (0.42 - 0.80)                       | 2.34              | (1.95 - 2.81)                       |
| Champlain Valley                      | 5.88                | (4.53 - 7.61)                         | 15.76               | (11.99 - 20.44)                       | 0.68              | (0.46 - 1.00)                       | 3.12              | (2.45 - 3.96)                       |
| Rural Northeast                       | 6.63                | (4.97 - 8.81)                         | 10.71               | (7.30 - 15.43)                        | 0.54              | (0.36 - 0.81)                       | 1.93              | (1.42 - 2.61)                       |
| Rural Southeast                       | 6.87                | (5.09 - 9.20)                         | 11.34               | (7.81 - 16.17)                        | 0.60              | (0.39 - 0.92)                       | 1.82              | (1.35 - 2.44)                       |
| Rural Southwest                       | 6.10                | (4.45 - 8.31)                         | 11.62               | (8.03 - 16.53)                        | 0.40              | (0.26 - 0.62)                       | 1.86              | (1.38 - 2.51)                       |
| <b>Virginia</b>                       | 4.93                | (4.28 - 5.68)                         | 7.98                | (6.77 - 9.37)                         | 0.30              | (0.23 - 0.39)                       | 1.37              | (1.19 - 1.58)                       |
| Region 1                              | 4.36                | (3.18 - 5.94)                         | 7.49                | (5.47 - 10.19)                        | 0.22              | (0.15 - 0.33)                       | 1.37              | (1.05 - 1.78)                       |
| Region 2                              | 3.86                | (2.97 - 5.00)                         | 6.94                | (5.23 - 9.16)                         | 0.35              | (0.24 - 0.51)                       | 1.10              | (0.88 - 1.38)                       |
| Region 3                              | 5.62                | (4.28 - 7.34)                         | 7.39                | (5.52 - 9.83)                         | 0.22              | (0.15 - 0.32)                       | 1.28              | (0.99 - 1.64)                       |
| Region 4                              | 6.14                | (4.68 - 8.03)                         | 8.58                | (6.27 - 11.63)                        | 0.32              | (0.22 - 0.47)                       | 1.56              | (1.20 - 2.04)                       |
| Region 5                              | 5.54                | (4.33 - 7.05)                         | 9.66                | (7.28 - 12.72)                        | 0.34              | (0.25 - 0.48)                       | 1.73              | (1.36 - 2.20)                       |
| <b>Washington</b>                     | 5.56                | (4.74 - 6.52)                         | 9.16                | (7.71 - 10.85)                        | 0.63              | (0.47 - 0.84)                       | 1.88              | (1.61 - 2.19)                       |
| Region 1                              | 6.43                | (5.00 - 8.24)                         | 8.09                | (6.19 - 10.50)                        | 0.56              | (0.40 - 0.81)                       | 1.87              | (1.49 - 2.33)                       |
| Greater Columbia and North<br>Central | 5.64                | (4.07 - 7.75)                         | 6.91                | (4.91 - 9.63)                         | 0.43              | (0.29 - 0.64)                       | 1.61              | (1.22 - 2.11)                       |
| Spokane                               | 7.85                | (5.48 - 11.13)                        | 10.71               | (7.30 - 15.44)                        | *                 | (* - *)                             | 2.37              | (1.73 - 3.23)                       |
| Region 2                              | 4.66                | (3.62 - 5.99)                         | 9.54                | (7.46 - 12.13)                        | 0.60              | (0.42 - 0.86)                       | 1.81              | (1.48 - 2.23)                       |
| King                                  | 4.19                | (3.01 - 5.80)                         | 10.00               | (7.39 - 13.39)                        | 0.66              | (0.44 - 0.98)                       | 1.85              | (1.45 - 2.35)                       |
| North Sound                           | 5.44                | (3.89 - 7.56)                         | 8.81                | (6.23 - 12.32)                        | 0.51              | (0.34 - 0.75)                       | 1.76              | (1.33 - 2.32)                       |
| Region 3                              | 6.14                | (4.98 - 7.54)                         | 9.55                | (7.70 - 11.79)                        | 0.71              | (0.51 - 0.99)                       | 1.98              | (1.64 - 2.39)                       |
| Pierce                                | 6.22                | (4.50 - 8.54)                         | 8.82                | (6.33 - 12.16)                        | 0.94              | (0.62 - 1.43)                       | 2.21              | (1.69 - 2.89)                       |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.76              | (1.28 - 2.43)                       |
| SW WA and Great Rivers                | 5.35                | (3.63 - 7.80)                         | 10.08               | (7.04 - 14.22)                        | *                 | (* - *)                             | 1.88              | (1.40 - 2.51)                       |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |

See notes at end of table.

(continued)



**Table 3 First Use of Marijuana, by Age Group and Substate Region: Average Annual Incidence Estimates (Expressed as Percentages of the At-Risk Population) Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 5.19                | (4.42 - 6.09)                         | 7.52                | (6.20 - 9.08)                         | 0.23              | (0.17 - 0.31)                       | 1.10              | (0.93 - 1.31)                       |
| Region I                      | 5.25                | (3.56 - 7.68)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.04              | (0.75 - 1.45)                       |
| Region II                     | 5.29                | (3.88 - 7.18)                         | 6.73                | (4.57 - 9.80)                         | 0.29              | (0.20 - 0.43)                       | 1.12              | (0.83 - 1.52)                       |
| Region III                    | 6.46                | (4.53 - 9.14)                         | 6.30                | (4.26 - 9.22)                         | *                 | (* - *)                             | 0.88              | (0.65 - 1.19)                       |
| Region IV                     | 5.22                | (3.90 - 6.96)                         | 9.53                | (7.01 - 12.83)                        | 0.28              | (0.19 - 0.42)                       | 1.71              | (1.32 - 2.22)                       |
| Region V                      | 4.38                | (3.21 - 5.94)                         | 7.19                | (5.23 - 9.79)                         | 0.18              | (0.12 - 0.28)                       | 0.93              | (0.71 - 1.21)                       |
| Region VI                     | 5.71                | (4.16 - 7.79)                         | 6.02                | (4.28 - 8.39)                         | 0.21              | (0.14 - 0.31)                       | 0.82              | (0.62 - 1.08)                       |
| <b>Wisconsin</b>              | 5.93                | (5.07 - 6.93)                         | 8.69                | (7.27 - 10.37)                        | 0.39              | (0.29 - 0.51)                       | 1.58              | (1.35 - 1.86)                       |
| Milwaukee                     | 7.37                | (5.35 - 10.06)                        | 9.80                | (7.02 - 13.51)                        | 0.58              | (0.40 - 0.85)                       | 2.18              | (1.67 - 2.84)                       |
| Northeastern                  | 5.01                | (3.64 - 6.86)                         | 7.12                | (5.09 - 9.88)                         | 0.33              | (0.23 - 0.47)                       | 1.24              | (0.95 - 1.62)                       |
| Northern                      | 5.59                | (3.85 - 8.05)                         | 7.19                | (4.90 - 10.42)                        | *                 | (* - *)                             | 1.27              | (0.93 - 1.73)                       |
| Southeastern                  | 5.88                | (4.42 - 7.77)                         | 9.18                | (6.59 - 12.65)                        | 0.38              | (0.25 - 0.56)                       | 1.63              | (1.24 - 2.14)                       |
| Southern                      | 5.56                | (4.08 - 7.53)                         | 7.90                | (5.76 - 10.75)                        | 0.35              | (0.23 - 0.51)                       | 1.41              | (1.07 - 1.83)                       |
| Western                       | 6.42                | (4.59 - 8.90)                         | 11.20               | (8.00 - 15.45)                        | *                 | (* - *)                             | 1.96              | (1.47 - 2.60)                       |
| <b>Wyoming</b>                | 5.25                | (4.44 - 6.21)                         | 7.94                | (6.63 - 9.49)                         | 0.35              | (0.26 - 0.48)                       | 1.41              | (1.20 - 1.66)                       |
| Judicial District 1 (Laramie) | 7.32                | (5.23 - 10.16)                        | 7.79                | (5.38 - 11.15)                        | 0.33              | (0.20 - 0.54)                       | 1.27              | (0.94 - 1.72)                       |
| Judicial District 2           | 5.14                | (3.51 - 7.46)                         | 8.85                | (6.41 - 12.09)                        | *                 | (* - *)                             | 2.69              | (2.01 - 3.59)                       |
| Judicial District 3           | 4.20                | (2.96 - 5.92)                         | 7.01                | (4.88 - 9.96)                         | 0.35              | (0.24 - 0.51)                       | 1.24              | (0.93 - 1.64)                       |
| Judicial District 4           | 4.89                | (3.17 - 7.48)                         | *                   | (* - *)                               | *                 | (* - *)                             | 1.16              | (0.82 - 1.62)                       |
| Judicial District 5           | 3.44                | (2.27 - 5.18)                         | 5.96                | (3.98 - 8.83)                         | *                 | (* - *)                             | 0.93              | (0.68 - 1.26)                       |
| Judicial District 6           | 5.41                | (3.83 - 7.60)                         | 7.40                | (5.23 - 10.37)                        | *                 | (* - *)                             | 1.25              | (0.94 - 1.68)                       |
| Judicial District 7 (Natrona) | 4.94                | (3.48 - 6.96)                         | 10.40               | (7.34 - 14.54)                        | 0.35              | (0.22 - 0.57)                       | 1.53              | (1.15 - 2.05)                       |
| Judicial District 8           | 5.57                | (3.78 - 8.11)                         | 7.44                | (5.10 - 10.73)                        | *                 | (* - *)                             | 1.15              | (0.86 - 1.55)                       |
| Judicial District 9           | 5.81                | (4.00 - 8.35)                         | 8.16                | (5.60 - 11.74)                        | 0.56              | (0.37 - 0.83)                       | 1.48              | (1.11 - 1.99)                       |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: The substate, state, and census region Bayesian confidence (credible) intervals presented here use a simultaneous solution for the First Use of Marijuana and Never Used Marijuana outcomes, which had age group-specific random effects that were allowed to be correlated across the two outcomes. The associated Markov Chain Monte Carlo chains were used to calculate the posterior variance. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: *Average annual initiation of marijuana (%)* =  $100 * \{[X_1 \div (0.5 * X_1 + X_2)] \div 2\}$ , where  $X_1$  is the number of marijuana initiates in the past 24 months and  $X_2$  is the number of individuals who never used marijuana (with the at-risk population defined as  $0.5 * X_1 + X_2$ ). Both of the computation components,  $X_1$  and  $X_2$ , are based on a survey-weighted hierarchical Bayes estimation approach. The age group shown is based on a respondent's age at the time of the interview, not his or her age at first use. For details, see Section B of the "2015-2016 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 0.61                | (0.53 - 0.71)                         | 5.17                | (4.89 - 5.47)                         | 1.38              | (1.29 - 1.47)                       | 1.92              | (1.84 - 2.01)                       |
| <b>Northeast</b>           | 0.60                | (0.48 - 0.76)                         | 6.17                | (5.65 - 6.74)                         | 1.79              | (1.58 - 2.02)                       | 2.40              | (2.20 - 2.62)                       |
| <b>Midwest</b>             | 0.52                | (0.42 - 0.66)                         | 4.23                | (3.84 - 4.64)                         | 1.07              | (0.93 - 1.22)                       | 1.52              | (1.39 - 1.67)                       |
| <b>South</b>               | 0.49                | (0.39 - 0.61)                         | 4.39                | (4.05 - 4.75)                         | 1.19              | (1.06 - 1.33)                       | 1.64              | (1.52 - 1.77)                       |
| <b>West</b>                | 0.89                | (0.70 - 1.13)                         | 6.48                | (5.92 - 7.09)                         | 1.66              | (1.47 - 1.87)                       | 2.37              | (2.18 - 2.57)                       |
| <b>Alabama</b>             | 0.33                | (0.19 - 0.57)                         | 3.12                | (2.23 - 4.35)                         | 0.97              | (0.64 - 1.46)                       | 1.27              | (0.91 - 1.79)                       |
| Region 1                   | 0.44                | (0.23 - 0.82)                         | 2.71                | (1.62 - 4.51)                         | 0.65              | (0.35 - 1.19)                       | 0.91              | (0.55 - 1.52)                       |
| Region 2                   | 0.31                | (0.16 - 0.60)                         | 4.59                | (2.88 - 7.24)                         | 1.35              | (0.78 - 2.35)                       | 1.83              | (1.15 - 2.89)                       |
| Region 3                   | *                   | (* - *)                               | 2.21                | (1.22 - 3.96)                         | 0.96              | (0.51 - 1.81)                       | 1.17              | (0.67 - 2.06)                       |
| Region 4                   | *                   | (* - *)                               | 2.22                | (1.24 - 3.97)                         | 0.83              | (0.43 - 1.59)                       | 1.01              | (0.57 - 1.81)                       |
| <b>Alaska</b>              | 0.76                | (0.47 - 1.21)                         | 5.79                | (4.43 - 7.55)                         | 1.64              | (1.19 - 2.26)                       | 2.29              | (1.78 - 2.95)                       |
| Anchorage                  | 0.63                | (0.36 - 1.08)                         | 6.76                | (4.75 - 9.53)                         | 1.77              | (1.17 - 2.67)                       | 2.56              | (1.85 - 3.53)                       |
| Northern                   | 0.74                | (0.41 - 1.34)                         | 3.72                | (2.23 - 6.14)                         | 1.46              | (0.85 - 2.48)                       | 1.87              | (1.18 - 2.95)                       |
| South Central              | 0.93                | (0.52 - 1.65)                         | 6.44                | (4.03 - 10.14)                        | 1.69              | (1.02 - 2.79)                       | 2.37              | (1.53 - 3.64)                       |
| Southeast                  | *                   | (* - *)                               | *                   | (* - *)                               | 1.38              | (0.76 - 2.48)                       | 1.91              | (1.13 - 3.21)                       |
| <b>Arizona</b>             | 0.97                | (0.60 - 1.54)                         | 6.14                | (4.73 - 7.94)                         | 1.67              | (1.20 - 2.30)                       | 2.32              | (1.80 - 2.98)                       |
| Central                    | 0.93                | (0.55 - 1.55)                         | 6.07                | (4.41 - 8.30)                         | 1.59              | (1.07 - 2.34)                       | 2.24              | (1.65 - 3.04)                       |
| North                      | *                   | (* - *)                               | 6.36                | (3.76 - 10.56)                        | 1.66              | (0.92 - 2.99)                       | 2.31              | (1.39 - 3.81)                       |
| South                      | 0.99                | (0.58 - 1.68)                         | 6.20                | (4.17 - 9.13)                         | 1.84              | (1.17 - 2.87)                       | 2.48              | (1.70 - 3.61)                       |
| South A                    | 1.01                | (0.55 - 1.87)                         | 7.85                | (4.92 - 12.31)                        | 2.21              | (1.30 - 3.73)                       | 3.03              | (1.94 - 4.71)                       |
| South B                    | 0.97                | (0.53 - 1.76)                         | 4.21                | (2.33 - 7.49)                         | 1.38              | (0.74 - 2.54)                       | 1.80              | (1.04 - 3.11)                       |
| <b>Arkansas</b>            | 0.45                | (0.27 - 0.74)                         | 3.00                | (2.12 - 4.22)                         | 0.90              | (0.61 - 1.33)                       | 1.20              | (0.86 - 1.68)                       |
| Catchment Area 1           | *                   | (* - *)                               | 2.99                | (1.64 - 5.42)                         | 0.74              | (0.39 - 1.40)                       | 1.10              | (0.63 - 1.92)                       |
| Catchment Area 2           | *                   | (* - *)                               | 2.81                | (1.51 - 5.16)                         | 0.64              | (0.32 - 1.28)                       | 0.91              | (0.50 - 1.66)                       |
| Catchment Area 3           | *                   | (* - *)                               | 2.28                | (1.25 - 4.14)                         | 0.93              | (0.49 - 1.75)                       | 1.13              | (0.63 - 2.00)                       |
| Catchment Area 4           | *                   | (* - *)                               | 2.59                | (1.37 - 4.86)                         | 0.71              | (0.37 - 1.36)                       | 0.97              | (0.54 - 1.74)                       |
| Catchment Area 5           | *                   | (* - *)                               | 3.37                | (1.90 - 5.90)                         | 0.90              | (0.48 - 1.69)                       | 1.30              | (0.75 - 2.24)                       |
| Catchment Area 6           | *                   | (* - *)                               | *                   | (* - *)                               | 1.25              | (0.64 - 2.42)                       | 1.37              | (0.74 - 2.53)                       |
| Catchment Area 7           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.11              | (0.59 - 2.10)                       |
| Catchment Area 8           | *                   | (* - *)                               | 4.05                | (2.32 - 6.97)                         | 1.15              | (0.64 - 2.05)                       | 1.53              | (0.91 - 2.55)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 0.91                | (0.66 - 1.26)                         | 7.12                | (6.26 - 8.10)                         | 1.79              | (1.51 - 2.13)                       | 2.59              | (2.30 - 2.93)                       |
| Region 1R                   | 1.37                | (0.81 - 2.30)                         | *                   | (* - *)                               | 1.75              | (1.04 - 2.93)                       | 2.59              | (1.65 - 4.04)                       |
| Region 2R                   | 1.08                | (0.66 - 1.76)                         | *                   | (* - *)                               | 1.48              | (0.91 - 2.41)                       | 2.62              | (1.73 - 3.96)                       |
| Region 3R (Sacramento)      | 0.70                | (0.43 - 1.16)                         | 6.16                | (3.94 - 9.52)                         | 1.71              | (1.06 - 2.74)                       | 2.36              | (1.56 - 3.56)                       |
| Region 4R                   | 0.82                | (0.50 - 1.35)                         | *                   | (* - *)                               | 1.57              | (0.96 - 2.55)                       | 2.47              | (1.62 - 3.74)                       |
| Region 5R (San Francisco)   | *                   | (* - *)                               | *                   | (* - *)                               | 4.65              | (2.95 - 7.25)                       | 5.57              | (3.72 - 8.26)                       |
| Region 6 (Santa Clara)      | 0.84                | (0.47 - 1.47)                         | 6.24                | (4.04 - 9.54)                         | 1.11              | (0.69 - 1.78)                       | 1.77              | (1.19 - 2.63)                       |
| Region 7R (Contra Costa)    | *                   | (* - *)                               | 8.49                | (5.49 - 12.91)                        | 1.50              | (0.91 - 2.47)                       | 2.42              | (1.60 - 3.66)                       |
| Region 8R (Alameda)         | *                   | (* - *)                               | 8.65                | (5.75 - 12.81)                        | 2.03              | (1.28 - 3.21)                       | 2.91              | (1.98 - 4.27)                       |
| Region 9R (San Mateo)       | *                   | (* - *)                               | *                   | (* - *)                               | 1.43              | (0.85 - 2.38)                       | 2.28              | (1.45 - 3.57)                       |
| Region 10                   | 1.09                | (0.64 - 1.85)                         | *                   | (* - *)                               | 1.89              | (1.13 - 3.15)                       | 3.73              | (2.50 - 5.51)                       |
| Region 11 (Los Angeles)     | 0.82                | (0.57 - 1.17)                         | 6.58                | (5.43 - 7.96)                         | 2.00              | (1.59 - 2.50)                       | 2.69              | (2.25 - 3.21)                       |
| LA SPA 1 and 5              | *                   | (* - *)                               | 7.41                | (4.69 - 11.51)                        | 2.32              | (1.44 - 3.72)                       | 3.09              | (2.03 - 4.66)                       |
| LA SPA 2                    | 0.75                | (0.46 - 1.24)                         | 7.20                | (4.78 - 10.72)                        | 1.73              | (1.11 - 2.68)                       | 2.49              | (1.72 - 3.60)                       |
| LA SPA 3                    | 0.75                | (0.45 - 1.25)                         | 5.92                | (3.75 - 9.21)                         | 1.29              | (0.79 - 2.10)                       | 1.97              | (1.30 - 2.99)                       |
| LA SPA 4                    | *                   | (* - *)                               | *                   | (* - *)                               | 3.95              | (2.59 - 5.99)                       | 4.73              | (3.23 - 6.89)                       |
| LA SPA 6                    | 1.04                | (0.62 - 1.74)                         | 4.59                | (2.75 - 7.56)                         | 2.06              | (1.21 - 3.48)                       | 2.56              | (1.59 - 4.08)                       |
| LA SPA 7                    | 0.92                | (0.55 - 1.55)                         | 5.49                | (3.37 - 8.82)                         | 1.30              | (0.76 - 2.22)                       | 2.00              | (1.27 - 3.14)                       |
| LA SPA 8                    | 0.72                | (0.43 - 1.21)                         | 6.28                | (4.04 - 9.63)                         | 1.95              | (1.26 - 3.00)                       | 2.57              | (1.74 - 3.77)                       |
| Region 12R                  | *                   | (* - *)                               | 5.07                | (2.99 - 8.47)                         | 1.68              | (0.95 - 2.94)                       | 2.20              | (1.33 - 3.63)                       |
| Regions 13 and 19R          | 1.05                | (0.66 - 1.67)                         | 4.07                | (2.67 - 6.15)                         | 1.31              | (0.83 - 2.05)                       | 1.76              | (1.21 - 2.57)                       |
| Region 14 (Orange)          | 0.95                | (0.57 - 1.58)                         | 8.21                | (5.54 - 12.01)                        | 1.52              | (0.99 - 2.34)                       | 2.49              | (1.75 - 3.54)                       |
| Region 15R (Fresno)         | *                   | (* - *)                               | 4.45                | (2.66 - 7.33)                         | 1.71              | (1.02 - 2.88)                       | 2.20              | (1.38 - 3.47)                       |
| Region 16R (San Diego)      | 0.95                | (0.59 - 1.51)                         | 9.60                | (6.82 - 13.36)                        | 1.97              | (1.35 - 2.86)                       | 3.16              | (2.34 - 4.25)                       |
| Region 17R                  | 1.10                | (0.67 - 1.80)                         | 4.05                | (2.56 - 6.35)                         | 1.58              | (1.00 - 2.49)                       | 2.01              | (1.34 - 3.00)                       |
| Region 18R (San Bernardino) | 0.94                | (0.58 - 1.53)                         | 4.04                | (2.52 - 6.43)                         | 1.53              | (0.94 - 2.47)                       | 1.96              | (1.28 - 2.99)                       |
| Region 20R                  | *                   | (* - *)                               | 4.80                | (2.81 - 8.10)                         | 1.73              | (1.03 - 2.91)                       | 2.25              | (1.39 - 3.61)                       |
| Region 21R                  | 1.25                | (0.74 - 2.09)                         | *                   | (* - *)                               | 1.57              | (0.93 - 2.63)                       | 2.87              | (1.85 - 4.44)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 1.12                | (0.73 - 1.72)                         | 7.87                | (6.20 - 9.94)                         | 1.81              | (1.33 - 2.45)                       | 2.68              | (2.12 - 3.38)                       |
| Region 1                                  | 1.40                | (0.79 - 2.46)                         | 8.02                | (5.09 - 12.42)                        | 1.71              | (1.01 - 2.86)                       | 2.62              | (1.70 - 4.01)                       |
| Region 2                                  | *                   | (* - *)                               | *                   | (* - *)                               | 1.56              | (0.85 - 2.85)                       | 2.27              | (1.34 - 3.84)                       |
| Region 3                                  | 1.01                | (0.60 - 1.69)                         | 7.35                | (4.87 - 10.95)                        | 1.87              | (1.17 - 2.97)                       | 2.63              | (1.79 - 3.86)                       |
| Region 4                                  | *                   | (* - *)                               | 5.01                | (2.84 - 8.69)                         | 1.49              | (0.83 - 2.67)                       | 1.98              | (1.17 - 3.32)                       |
| Region 5                                  | *                   | (* - *)                               | *                   | (* - *)                               | 2.81              | (1.72 - 4.55)                       | 3.90              | (2.59 - 5.83)                       |
| Region 6                                  | 1.36                | (0.77 - 2.39)                         | *                   | (* - *)                               | 1.66              | (0.98 - 2.82)                       | 2.92              | (1.90 - 4.46)                       |
| Region 7                                  | 0.93                | (0.51 - 1.69)                         | 5.30                | (3.06 - 9.01)                         | 1.34              | (0.75 - 2.41)                       | 1.98              | (1.19 - 3.28)                       |
| <b>Connecticut</b>                        | 0.64                | (0.40 - 1.02)                         | 8.03                | (6.33 - 10.14)                        | 1.68              | (1.22 - 2.32)                       | 2.57              | (2.02 - 3.26)                       |
| Eastern                                   | *                   | (* - *)                               | *                   | (* - *)                               | 1.52              | (0.86 - 2.68)                       | 2.61              | (1.63 - 4.14)                       |
| North Central                             | 0.64                | (0.35 - 1.14)                         | 8.69                | (5.83 - 12.76)                        | 2.06              | (1.28 - 3.28)                       | 2.95              | (2.01 - 4.30)                       |
| Northwestern                              | 0.70                | (0.39 - 1.24)                         | 8.80                | (5.61 - 13.54)                        | 1.51              | (0.88 - 2.57)                       | 2.43              | (1.56 - 3.74)                       |
| South Central                             | 0.65                | (0.37 - 1.15)                         | 7.46                | (4.85 - 11.32)                        | 1.56              | (0.95 - 2.56)                       | 2.40              | (1.60 - 3.59)                       |
| Southwest                                 | *                   | (* - *)                               | 7.39                | (4.68 - 11.48)                        | 1.53              | (0.90 - 2.61)                       | 2.32              | (1.49 - 3.60)                       |
| <b>Delaware</b>                           | 0.43                | (0.25 - 0.74)                         | 5.87                | (4.48 - 7.66)                         | 1.57              | (1.13 - 2.17)                       | 2.15              | (1.66 - 2.78)                       |
| Kent                                      | 0.42                | (0.22 - 0.81)                         | 3.37                | (1.96 - 5.74)                         | 1.53              | (0.89 - 2.63)                       | 1.81              | (1.10 - 2.97)                       |
| New Castle (excluding<br>Wilmington City) | 0.41                | (0.22 - 0.77)                         | 7.38                | (5.34 - 10.12)                        | 1.58              | (1.05 - 2.36)                       | 2.42              | (1.78 - 3.28)                       |
| Sussex                                    | *                   | (* - *)                               | 5.07                | (2.98 - 8.48)                         | 1.33              | (0.75 - 2.35)                       | 1.71              | (1.02 - 2.84)                       |
| Wilmington City                           | *                   | (* - *)                               | *                   | (* - *)                               | 2.27              | (1.22 - 4.19)                       | 2.45              | (1.37 - 4.36)                       |
| <b>District of Columbia</b>               | 0.25                | (0.13 - 0.48)                         | 6.53                | (4.94 - 8.59)                         | 3.02              | (2.27 - 4.01)                       | 3.62              | (2.85 - 4.59)                       |
| Ward 1                                    | *                   | (* - *)                               | 5.95                | (3.58 - 9.73)                         | 3.41              | (2.06 - 5.61)                       | 3.87              | (2.47 - 6.02)                       |
| Ward 2                                    | *                   | (* - *)                               | *                   | (* - *)                               | 3.39              | (2.05 - 5.56)                       | 5.21              | (3.47 - 7.74)                       |
| Ward 3                                    | *                   | (* - *)                               | *                   | (* - *)                               | 2.03              | (1.21 - 3.39)                       | 3.26              | (2.11 - 5.01)                       |
| Ward 4                                    | *                   | (* - *)                               | 5.70                | (3.26 - 9.76)                         | 2.79              | (1.60 - 4.84)                       | 3.12              | (1.86 - 5.19)                       |
| Ward 5                                    | *                   | (* - *)                               | 6.09                | (3.57 - 10.21)                        | 3.26              | (1.88 - 5.60)                       | 3.73              | (2.28 - 6.07)                       |
| Ward 6                                    | *                   | (* - *)                               | 6.09                | (3.74 - 9.76)                         | 2.54              | (1.55 - 4.13)                       | 2.98              | (1.92 - 4.59)                       |
| Ward 7                                    | *                   | (* - *)                               | 2.98                | (1.67 - 5.27)                         | 3.80              | (2.19 - 6.52)                       | 3.66              | (2.17 - 6.10)                       |
| Ward 8                                    | *                   | (* - *)                               | 2.21                | (1.19 - 4.07)                         | 3.12              | (1.74 - 5.53)                       | 2.94              | (1.69 - 5.05)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 0.53                | (0.37 - 0.74)                         | 5.55                | (4.74 - 6.48)                         | 1.38              | (1.10 - 1.73)                       | 1.90              | (1.61 - 2.24)                       |
| Broward (Circuit 17)                                                    | 0.40                | (0.24 - 0.67)                         | 5.61                | (3.71 - 8.39)                         | 1.45              | (0.88 - 2.39)                       | 1.96              | (1.29 - 2.96)                       |
| Central I                                                               | 0.53                | (0.34 - 0.81)                         | 5.82                | (4.32 - 7.80)                         | 1.62              | (1.13 - 2.32)                       | 2.22              | (1.66 - 2.97)                       |
| Circuit 9                                                               | 0.47                | (0.28 - 0.78)                         | 5.15                | (3.51 - 7.50)                         | 1.70              | (1.09 - 2.65)                       | 2.25              | (1.56 - 3.23)                       |
| Circuit 18                                                              | 0.63                | (0.37 - 1.05)                         | 7.11                | (4.53 - 10.98)                        | 1.51              | (0.89 - 2.56)                       | 2.19              | (1.40 - 3.41)                       |
| Central II                                                              | 0.60                | (0.41 - 0.86)                         | 5.97                | (4.74 - 7.49)                         | 1.29              | (0.95 - 1.75)                       | 1.81              | (1.42 - 2.31)                       |
| Circuit 6                                                               | 0.62                | (0.38 - 1.02)                         | 6.03                | (3.94 - 9.13)                         | 1.35              | (0.83 - 2.21)                       | 1.83              | (1.20 - 2.76)                       |
| Circuit 10                                                              | 0.56                | (0.32 - 0.95)                         | 4.30                | (2.64 - 6.92)                         | 1.38              | (0.80 - 2.35)                       | 1.74              | (1.08 - 2.79)                       |
| Circuit 12                                                              | *                   | (* - *)                               | *                   | (* - *)                               | 1.10              | (0.61 - 1.97)                       | 1.71              | (1.05 - 2.77)                       |
| Circuit 13 (Hillsborough)                                               | 0.49                | (0.30 - 0.80)                         | 5.72                | (3.81 - 8.52)                         | 1.47              | (0.90 - 2.38)                       | 2.06              | (1.38 - 3.07)                       |
| Circuit 20                                                              | *                   | (* - *)                               | 6.51                | (4.01 - 10.40)                        | 1.10              | (0.62 - 1.93)                       | 1.64              | (1.01 - 2.65)                       |
| Northeast                                                               | 0.51                | (0.34 - 0.77)                         | 4.95                | (3.74 - 6.53)                         | 1.32              | (0.94 - 1.85)                       | 1.78              | (1.35 - 2.35)                       |
| Circuit 4                                                               | *                   | (* - *)                               | 4.43                | (2.68 - 7.23)                         | 1.39              | (0.80 - 2.43)                       | 1.81              | (1.11 - 2.94)                       |
| Circuit 5                                                               | *                   | (* - *)                               | 4.23                | (2.52 - 7.01)                         | 1.03              | (0.57 - 1.84)                       | 1.33              | (0.80 - 2.21)                       |
| Circuit 7                                                               | *                   | (* - *)                               | 6.97                | (4.42 - 10.81)                        | 1.59              | (0.94 - 2.69)                       | 2.21              | (1.41 - 3.45)                       |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | *                   | (* - *)                               | 4.46                | (2.54 - 7.73)                         | 1.34              | (0.75 - 2.37)                       | 1.95              | (1.17 - 3.23)                       |
| Northwest                                                               | 0.52                | (0.33 - 0.80)                         | 6.33                | (4.72 - 8.46)                         | 1.78              | (1.24 - 2.54)                       | 2.51              | (1.88 - 3.34)                       |
| Circuit 1                                                               | *                   | (* - *)                               | 7.32                | (4.83 - 10.95)                        | 1.82              | (1.10 - 2.98)                       | 2.60              | (1.72 - 3.91)                       |
| Circuit 2 plus Madison and<br>Taylor                                    | *                   | (* - *)                               | 5.78                | (3.67 - 8.99)                         | 1.83              | (1.09 - 3.06)                       | 2.67              | (1.73 - 4.09)                       |
| Circuit 14                                                              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 2.04              | (1.19 - 3.49)                       |
| South (Circuits 11 and 16)                                              | 0.50                | (0.30 - 0.84)                         | 3.56                | (2.26 - 5.59)                         | 1.11              | (0.70 - 1.76)                       | 1.43              | (0.96 - 2.13)                       |
| Southeast                                                               | 0.52                | (0.34 - 0.81)                         | 7.44                | (5.27 - 10.41)                        | 1.43              | (0.96 - 2.15)                       | 2.09              | (1.50 - 2.92)                       |
| Circuit 15 (Palm Beach)                                                 | 0.51                | (0.30 - 0.86)                         | 8.22                | (5.44 - 12.23)                        | 1.53              | (0.94 - 2.50)                       | 2.28              | (1.52 - 3.39)                       |
| Circuit 19                                                              | *                   | (* - *)                               | 5.66                | (3.37 - 9.35)                         | 1.22              | (0.68 - 2.17)                       | 1.69              | (1.02 - 2.80)                       |
| <b>Georgia</b>                                                          | 0.38                | (0.24 - 0.61)                         | 4.06                | (3.17 - 5.18)                         | 1.50              | (1.11 - 2.04)                       | 1.88              | (1.47 - 2.41)                       |
| Region 1                                                                | 0.53                | (0.31 - 0.90)                         | 3.99                | (2.54 - 6.20)                         | 0.97              | (0.58 - 1.62)                       | 1.37              | (0.90 - 2.08)                       |
| Region 2                                                                | *                   | (* - *)                               | 3.37                | (1.98 - 5.67)                         | 1.21              | (0.69 - 2.09)                       | 1.56              | (0.95 - 2.55)                       |
| Region 3                                                                | 0.30                | (0.15 - 0.58)                         | 5.74                | (4.07 - 8.06)                         | 2.51              | (1.63 - 3.83)                       | 2.97              | (2.08 - 4.23)                       |
| Region 4                                                                | *                   | (* - *)                               | 3.18                | (1.73 - 5.79)                         | 1.54              | (0.82 - 2.85)                       | 1.81              | (1.02 - 3.19)                       |
| Region 5                                                                | *                   | (* - *)                               | 3.05                | (1.79 - 5.17)                         | 1.06              | (0.58 - 1.91)                       | 1.38              | (0.83 - 2.31)                       |
| Region 6                                                                | *                   | (* - *)                               | 2.77                | (1.61 - 4.72)                         | 0.95              | (0.52 - 1.75)                       | 1.22              | (0.72 - 2.07)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|---------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| <b>Hawaii</b>                   | 0.86                | (0.48 - 1.53)                      | 4.86                | (3.63 - 6.48)                      | 1.69              | (1.21 - 2.35)                    | 2.10              | (1.60 - 2.75)                    |
| Hawaii Island                   | 1.16                | (0.58 - 2.29)                      | 3.50                | (2.00 - 6.06)                      | 1.80              | (1.02 - 3.16)                    | 2.01              | (1.19 - 3.37)                    |
| Honolulu                        | 0.79                | (0.42 - 1.45)                      | 4.87                | (3.46 - 6.81)                      | 1.54              | (1.04 - 2.27)                    | 1.99              | (1.45 - 2.71)                    |
| Kauai                           | *                   | (* - *)                            | *                   | (* - *)                            | 2.22              | (1.17 - 4.17)                    | 2.61              | (1.46 - 4.64)                    |
| Maui                            | *                   | (* - *)                            | 6.15                | (3.55 - 10.46)                     | 2.25              | (1.28 - 3.93)                    | 2.71              | (1.62 - 4.47)                    |
| <b>Idaho</b>                    | 0.73                | (0.44 - 1.20)                      | 3.66                | (2.69 - 4.96)                      | 0.79              | (0.52 - 1.19)                    | 1.20              | (0.88 - 1.65)                    |
| Region 1                        | *                   | (* - *)                            | 4.14                | (2.21 - 7.62)                      | 0.72              | (0.35 - 1.44)                    | 1.12              | (0.61 - 2.05)                    |
| Region 2                        | *                   | (* - *)                            | 4.50                | (2.49 - 7.98)                      | *                 | (* - *)                          | 1.55              | (0.88 - 2.72)                    |
| Region 3                        | 0.71                | (0.38 - 1.32)                      | 1.94                | (1.05 - 3.55)                      | 0.61              | (0.31 - 1.21)                    | 0.80              | (0.44 - 1.46)                    |
| Region 4                        | 0.71                | (0.38 - 1.29)                      | 5.59                | (3.61 - 8.56)                      | 1.01              | (0.58 - 1.73)                    | 1.61              | (1.04 - 2.47)                    |
| Region 5                        | *                   | (* - *)                            | 2.61                | (1.43 - 4.70)                      | 0.58              | (0.30 - 1.14)                    | 0.86              | (0.48 - 1.53)                    |
| Region 6                        | *                   | (* - *)                            | *                   | (* - *)                            | *                 | (* - *)                          | 1.21              | (0.66 - 2.21)                    |
| Region 7                        | 0.72                | (0.39 - 1.32)                      | 2.59                | (1.43 - 4.65)                      | 0.66              | (0.35 - 1.26)                    | 1.02              | (0.58 - 1.77)                    |
| <b>Illinois</b>                 | 0.57                | (0.39 - 0.84)                      | 4.97                | (4.08 - 6.03)                      | 1.35              | (1.04 - 1.75)                    | 1.86              | (1.53 - 2.27)                    |
| Region 1 (Cook)                 | 0.42                | (0.26 - 0.67)                      | 4.57                | (3.50 - 5.96)                      | 1.67              | (1.22 - 2.28)                    | 2.07              | (1.60 - 2.67)                    |
| Region 1.1 (Far North Side)     | *                   | (* - *)                            | *                   | (* - *)                            | 1.80              | (1.03 - 3.13)                    | 2.28              | (1.38 - 3.76)                    |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                            | *                   | (* - *)                            | 1.29              | (0.71 - 2.33)                    | 1.76              | (1.03 - 2.99)                    |
| Region 1.3 (North Central Side) | *                   | (* - *)                            | *                   | (* - *)                            | 2.58              | (1.47 - 4.49)                    | 3.41              | (2.07 - 5.56)                    |
| Region 1.4 (West Side)          | *                   | (* - *)                            | 3.72                | (2.14 - 6.41)                      | 2.72              | (1.56 - 4.68)                    | 2.88              | (1.72 - 4.78)                    |
| Region 1.5 (South Side)         | *                   | (* - *)                            | 3.38                | (1.92 - 5.89)                      | 2.62              | (1.39 - 4.90)                    | 2.73              | (1.53 - 4.85)                    |
| Region 1.6 (Southwest Side)     | *                   | (* - *)                            | 3.08                | (1.69 - 5.54)                      | 1.72              | (0.90 - 3.25)                    | 1.94              | (1.08 - 3.47)                    |
| Region 1.7 (Suburban Cook)      | 0.43                | (0.25 - 0.75)                      | 4.30                | (2.84 - 6.46)                      | 1.06              | (0.64 - 1.73)                    | 1.47              | (0.98 - 2.22)                    |
| Region 2                        | 0.67                | (0.44 - 1.02)                      | 4.89                | (3.67 - 6.50)                      | 1.08              | (0.77 - 1.53)                    | 1.63              | (1.24 - 2.13)                    |
| Region 2a (DuPage)              | 0.67                | (0.39 - 1.15)                      | 5.37                | (3.28 - 8.66)                      | 1.07              | (0.63 - 1.80)                    | 1.64              | (1.05 - 2.56)                    |
| Region 2b                       | 0.68                | (0.42 - 1.12)                      | 4.90                | (3.28 - 7.26)                      | 1.07              | (0.68 - 1.71)                    | 1.63              | (1.12 - 2.37)                    |
| Region 2c (Winnebago)           | *                   | (* - *)                            | *                   | (* - *)                            | 1.19              | (0.63 - 2.25)                    | 1.57              | (0.89 - 2.75)                    |
| Region 2d                       | *                   | (* - *)                            | 4.63                | (2.74 - 7.73)                      | 1.07              | (0.60 - 1.91)                    | 1.61              | (0.98 - 2.64)                    |
| Region 3                        | 0.65                | (0.39 - 1.07)                      | 5.98                | (4.21 - 8.42)                      | 1.16              | (0.74 - 1.80)                    | 1.95              | (1.39 - 2.74)                    |
| Region 3a (Champaign)           | *                   | (* - *)                            | 6.65                | (4.08 - 10.66)                     | *                 | (* - *)                          | 3.13              | (1.98 - 4.92)                    |
| Region 3b                       | 0.66                | (0.39 - 1.13)                      | 5.76                | (3.76 - 8.72)                      | 1.07              | (0.64 - 1.78)                    | 1.75              | (1.17 - 2.62)                    |
| Region 4                        | 0.70                | (0.41 - 1.18)                      | 4.84                | (3.04 - 7.62)                      | 1.05              | (0.65 - 1.68)                    | 1.56              | (1.03 - 2.36)                    |
| Region 4a (Sangamon)            | *                   | (* - *)                            | *                   | (* - *)                            | *                 | (* - *)                          | 1.66              | (0.97 - 2.82)                    |
| Region 4b                       | 0.75                | (0.42 - 1.32)                      | 4.92                | (2.86 - 8.34)                      | 0.99              | (0.56 - 1.74)                    | 1.53              | (0.93 - 2.51)                    |
| Region 5                        | 0.65                | (0.39 - 1.07)                      | 5.55                | (3.82 - 8.01)                      | 1.32              | (0.86 - 2.01)                    | 1.90              | (1.32 - 2.72)                    |
| Region 5a                       | *                   | (* - *)                            | 6.07                | (3.68 - 9.85)                      | 1.44              | (0.83 - 2.51)                    | 2.07              | (1.28 - 3.34)                    |
| Region 5b                       | *                   | (* - *)                            | 5.15                | (3.11 - 8.41)                      | 1.22              | (0.70 - 2.11)                    | 1.76              | (1.09 - 2.83)                    |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 0.48                | (0.29 - 0.78)                         | 3.62                | (2.65 - 4.94)                         | 0.83              | (0.56 - 1.23)                       | 1.25              | (0.92 - 1.71)                       |
| Central                                     | 0.41                | (0.23 - 0.76)                         | 3.66                | (2.21 - 5.98)                         | 0.89              | (0.50 - 1.58)                       | 1.28              | (0.79 - 2.07)                       |
| East                                        | *                   | (* - *)                               | 3.51                | (1.97 - 6.17)                         | 0.82              | (0.43 - 1.57)                       | 1.25              | (0.72 - 2.17)                       |
| North Central                               | *                   | (* - *)                               | 3.35                | (1.85 - 5.99)                         | 0.78              | (0.40 - 1.51)                       | 1.15              | (0.65 - 2.04)                       |
| Northeast                                   | *                   | (* - *)                               | 3.42                | (1.89 - 6.10)                         | 0.87              | (0.45 - 1.66)                       | 1.24              | (0.70 - 2.17)                       |
| Northwest                                   | *                   | (* - *)                               | 3.60                | (1.99 - 6.40)                         | 0.93              | (0.48 - 1.78)                       | 1.30              | (0.74 - 2.29)                       |
| Southeast                                   | *                   | (* - *)                               | 3.66                | (2.00 - 6.61)                         | 0.72              | (0.37 - 1.40)                       | 1.09              | (0.61 - 1.94)                       |
| Southwest                                   | *                   | (* - *)                               | 3.34                | (1.81 - 6.08)                         | *                 | (* - *)                             | 1.03              | (0.58 - 1.85)                       |
| West                                        | *                   | (* - *)                               | 4.07                | (2.32 - 7.07)                         | 0.85              | (0.45 - 1.61)                       | 1.56              | (0.92 - 2.65)                       |
| <b>Iowa</b>                                 | 0.47                | (0.27 - 0.84)                         | 3.52                | (2.54 - 4.87)                         | 0.68              | (0.44 - 1.06)                       | 1.11              | (0.80 - 1.55)                       |
| Central                                     | *                   | (* - *)                               | 3.94                | (2.30 - 6.67)                         | 0.75              | (0.39 - 1.42)                       | 1.20              | (0.71 - 2.03)                       |
| North Central                               | *                   | (* - *)                               | 3.37                | (1.83 - 6.12)                         | 0.58              | (0.29 - 1.16)                       | 1.11              | (0.62 - 1.97)                       |
| Northeast                                   | 0.44                | (0.23 - 0.86)                         | 3.88                | (2.40 - 6.23)                         | 0.81              | (0.45 - 1.48)                       | 1.28              | (0.79 - 2.06)                       |
| Northwest                                   | *                   | (* - *)                               | 2.98                | (1.65 - 5.33)                         | 0.56              | (0.28 - 1.12)                       | 0.90              | (0.50 - 1.59)                       |
| Southeast                                   | 0.45                | (0.23 - 0.85)                         | 3.42                | (1.93 - 5.99)                         | 0.66              | (0.35 - 1.25)                       | 1.10              | (0.64 - 1.88)                       |
| Southwest                                   | *                   | (* - *)                               | 3.07                | (1.62 - 5.74)                         | 0.58              | (0.29 - 1.18)                       | 0.90              | (0.49 - 1.65)                       |
| <b>Kansas</b>                               | 0.67                | (0.42 - 1.08)                         | 3.64                | (2.61 - 5.06)                         | 0.77              | (0.51 - 1.18)                       | 1.22              | (0.88 - 1.68)                       |
| Northeast                                   | 0.62                | (0.36 - 1.07)                         | 3.64                | (2.35 - 5.59)                         | 0.76              | (0.44 - 1.29)                       | 1.22              | (0.81 - 1.85)                       |
| Northwest and North Central                 | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.43              | (0.77 - 2.64)                       |
| South Central                               | 0.64                | (0.36 - 1.16)                         | 3.28                | (1.96 - 5.44)                         | 0.72              | (0.41 - 1.27)                       | 1.10              | (0.68 - 1.75)                       |
| Southeast                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.28              | (0.69 - 2.34)                       |
| Southwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.36              | (0.73 - 2.49)                       |
| <b>Kentucky</b>                             | 0.59                | (0.37 - 0.94)                         | 4.57                | (3.48 - 5.99)                         | 1.19              | (0.82 - 1.71)                       | 1.67              | (1.25 - 2.22)                       |
| Adanta, Cumberland River,<br>and Lifeskills | 0.73                | (0.41 - 1.30)                         | 3.89                | (2.25 - 6.65)                         | 1.13              | (0.60 - 2.08)                       | 1.52              | (0.89 - 2.60)                       |
| Bluegrass, Comprehend, and<br>North Key     | 0.56                | (0.32 - 0.97)                         | 5.06                | (3.28 - 7.74)                         | 1.12              | (0.68 - 1.84)                       | 1.71              | (1.14 - 2.56)                       |
| Centerstone                                 | 0.44                | (0.24 - 0.78)                         | 5.30                | (3.37 - 8.25)                         | 1.50              | (0.89 - 2.52)                       | 2.01              | (1.29 - 3.12)                       |
| Communicare and River Valley                | *                   | (* - *)                               | 4.32                | (2.38 - 7.73)                         | 1.13              | (0.58 - 2.19)                       | 1.58              | (0.88 - 2.82)                       |
| Four Rivers and Pennyroyal                  | *                   | (* - *)                               | 3.64                | (1.98 - 6.59)                         | 0.84              | (0.43 - 1.65)                       | 1.25              | (0.70 - 2.24)                       |
| Kentucky River, Mountain,<br>and Pathways   | *                   | (* - *)                               | 3.90                | (2.21 - 6.79)                         | 1.16              | (0.61 - 2.18)                       | 1.52              | (0.87 - 2.66)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 0.33                | (0.19 - 0.57)                         | 4.01                | (2.93 - 5.47)                         | 1.41              | (0.98 - 2.03)                       | 1.79              | (1.32 - 2.43)                       |
| Regions 1 and 10      | *                   | (* - *)                               | 5.30                | (3.36 - 8.26)                         | 2.00              | (1.20 - 3.32)                       | 2.46              | (1.57 - 3.84)                       |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | 2.82              | (1.52 - 5.17)                       | 3.32              | (1.91 - 5.72)                       |
| Region 10 (Jefferson) | *                   | (* - *)                               | 4.22                | (2.33 - 7.54)                         | 1.14              | (0.60 - 2.15)                       | 1.51              | (0.85 - 2.67)                       |
| Regions 2 and 9       | 0.36                | (0.19 - 0.68)                         | 4.19                | (2.61 - 6.65)                         | 1.21              | (0.70 - 2.10)                       | 1.67              | (1.05 - 2.64)                       |
| Region 3              | *                   | (* - *)                               | 3.65                | (2.04 - 6.45)                         | 1.31              | (0.70 - 2.43)                       | 1.64              | (0.94 - 2.86)                       |
| Regions 4, 5, and 6   | 0.35                | (0.18 - 0.67)                         | 3.86                | (2.24 - 6.58)                         | 1.29              | (0.71 - 2.31)                       | 1.66              | (0.99 - 2.79)                       |
| Regions 7 and 8       | *                   | (* - *)                               | 2.93                | (1.63 - 5.20)                         | 1.28              | (0.70 - 2.33)                       | 1.53              | (0.89 - 2.61)                       |
| <b>Maine</b>          | 0.81                | (0.52 - 1.26)                         | 6.04                | (4.64 - 7.83)                         | 1.32              | (0.94 - 1.84)                       | 1.88              | (1.44 - 2.46)                       |
| Aroostook/Downeast    | *                   | (* - *)                               | 5.20                | (3.32 - 8.06)                         | 1.20              | (0.71 - 2.01)                       | 1.64              | (1.04 - 2.56)                       |
| Aroostook             | *                   | (* - *)                               | 4.76                | (2.66 - 8.40)                         | 1.26              | (0.65 - 2.42)                       | 1.66              | (0.92 - 2.97)                       |
| Downeast              | *                   | (* - *)                               | *                   | (* - *)                               | 1.15              | (0.60 - 2.21)                       | 1.62              | (0.91 - 2.88)                       |
| Central               | *                   | (* - *)                               | 4.72                | (2.57 - 8.51)                         | 1.10              | (0.58 - 2.06)                       | 1.52              | (0.86 - 2.66)                       |
| Cumberland            | 0.76                | (0.43 - 1.33)                         | 8.98                | (5.91 - 13.41)                        | 1.60              | (0.95 - 2.67)                       | 2.51              | (1.66 - 3.78)                       |
| Midcoast              | *                   | (* - *)                               | *                   | (* - *)                               | 1.11              | (0.59 - 2.09)                       | 1.52              | (0.86 - 2.67)                       |
| Penquis               | *                   | (* - *)                               | 5.10                | (2.99 - 8.56)                         | 1.35              | (0.75 - 2.42)                       | 1.90              | (1.14 - 3.13)                       |
| Western               | 0.63                | (0.37 - 1.09)                         | 4.93                | (2.87 - 8.32)                         | 1.40              | (0.79 - 2.48)                       | 1.84              | (1.10 - 3.07)                       |
| York                  | 1.06                | (0.57 - 1.95)                         | 6.08                | (3.73 - 9.77)                         | 1.24              | (0.69 - 2.20)                       | 1.79              | (1.10 - 2.90)                       |
| <b>Maryland</b>       | 0.33                | (0.19 - 0.55)                         | 4.20                | (3.12 - 5.62)                         | 1.20              | (0.83 - 1.73)                       | 1.61              | (1.19 - 2.17)                       |
| Anne Arundel          | *                   | (* - *)                               | *                   | (* - *)                               | 0.94              | (0.50 - 1.79)                       | 1.46              | (0.82 - 2.58)                       |
| Baltimore City        | *                   | (* - *)                               | 4.17                | (2.39 - 7.15)                         | 2.63              | (1.46 - 4.70)                       | 2.87              | (1.69 - 4.86)                       |
| Baltimore County      | *                   | (* - *)                               | 4.64                | (2.64 - 8.02)                         | 1.05              | (0.56 - 1.97)                       | 1.54              | (0.90 - 2.63)                       |
| Montgomery            | *                   | (* - *)                               | 4.18                | (2.42 - 7.12)                         | 0.98              | (0.54 - 1.76)                       | 1.35              | (0.80 - 2.26)                       |
| North Central         | *                   | (* - *)                               | 4.99                | (2.85 - 8.61)                         | 0.91              | (0.48 - 1.72)                       | 1.44              | (0.84 - 2.47)                       |
| Northeast             | *                   | (* - *)                               | *                   | (* - *)                               | 1.00              | (0.53 - 1.90)                       | 1.61              | (0.93 - 2.78)                       |
| Prince George's       | *                   | (* - *)                               | 2.59                | (1.46 - 4.56)                         | 1.31              | (0.68 - 2.51)                       | 1.51              | (0.83 - 2.70)                       |
| South                 | *                   | (* - *)                               | 3.85                | (2.14 - 6.82)                         | 0.98              | (0.52 - 1.83)                       | 1.40              | (0.81 - 2.43)                       |
| West                  | *                   | (* - *)                               | 4.23                | (2.32 - 7.58)                         | 0.95              | (0.51 - 1.74)                       | 1.38              | (0.80 - 2.38)                       |

See notes at end of table.

(continued)



**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|-----------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| <b>Massachusetts</b>  | 0.72                | (0.46 - 1.13)                      | 8.02                | (6.32 - 10.13)                     | 1.92              | (1.43 - 2.57)                    | 2.82              | (2.25 - 3.53)                    |
| Boston                | *                   | (* - *)                            | 8.49                | (5.41 - 13.09)                     | 3.08              | (1.85 - 5.09)                    | 4.20              | (2.76 - 6.35)                    |
| Central               | *                   | (* - *)                            | 7.14                | (4.37 - 11.46)                     | 1.71              | (1.00 - 2.90)                    | 2.50              | (1.58 - 3.93)                    |
| Metrowest             | 0.56                | (0.31 - 1.01)                      | 8.39                | (5.37 - 12.89)                     | 1.93              | (1.21 - 3.05)                    | 2.80              | (1.88 - 4.16)                    |
| Northeast             | 0.76                | (0.42 - 1.35)                      | 7.09                | (4.45 - 11.10)                     | 1.63              | (1.03 - 2.59)                    | 2.36              | (1.58 - 3.51)                    |
| Southeast             | 0.79                | (0.45 - 1.39)                      | *                   | (* - *)                            | 1.72              | (1.01 - 2.89)                    | 2.69              | (1.75 - 4.10)                    |
| Western               | *                   | (* - *)                            | *                   | (* - *)                            | 1.75              | (0.98 - 3.09)                    | 2.69              | (1.67 - 4.33)                    |
| <b>Michigan</b>       | 0.39                | (0.26 - 0.60)                      | 3.69                | (2.97 - 4.58)                      | 1.03              | (0.77 - 1.36)                    | 1.42              | (1.14 - 1.75)                    |
| Region 1              | *                   | (* - *)                            | 3.06                | (1.69 - 5.47)                      | 0.83              | (0.43 - 1.58)                    | 1.14              | (0.64 - 2.03)                    |
| Region 2              | *                   | (* - *)                            | *                   | (* - *)                            | 0.73              | (0.39 - 1.38)                    | 1.04              | (0.60 - 1.82)                    |
| Region 3              | 0.42                | (0.25 - 0.71)                      | 3.34                | (2.09 - 5.31)                      | 0.94              | (0.56 - 1.57)                    | 1.31              | (0.84 - 2.03)                    |
| Region 4              | *                   | (* - *)                            | 3.72                | (2.28 - 6.01)                      | 0.95              | (0.56 - 1.63)                    | 1.37              | (0.87 - 2.16)                    |
| Region 5              | 0.44                | (0.25 - 0.76)                      | 3.31                | (2.17 - 5.03)                      | 0.82              | (0.50 - 1.32)                    | 1.24              | (0.84 - 1.83)                    |
| Region 6              | 0.51                | (0.29 - 0.87)                      | 4.80                | (2.89 - 7.85)                      | 1.03              | (0.61 - 1.75)                    | 1.66              | (1.05 - 2.61)                    |
| Region 7              | 0.25                | (0.13 - 0.48)                      | 3.07                | (2.00 - 4.69)                      | 1.49              | (0.90 - 2.45)                    | 1.73              | (1.12 - 2.66)                    |
| Region 8              | 0.33                | (0.18 - 0.59)                      | 4.59                | (2.89 - 7.20)                      | 0.88              | (0.53 - 1.47)                    | 1.34              | (0.88 - 2.05)                    |
| Region 9              | *                   | (* - *)                            | 4.01                | (2.44 - 6.52)                      | 0.92              | (0.54 - 1.56)                    | 1.31              | (0.83 - 2.08)                    |
| Region 10             | *                   | (* - *)                            | 4.14                | (2.47 - 6.86)                      | 1.30              | (0.74 - 2.27)                    | 1.68              | (1.03 - 2.74)                    |
| <b>Minnesota</b>      | 0.60                | (0.37 - 0.96)                      | 4.92                | (3.69 - 6.54)                      | 1.12              | (0.76 - 1.63)                    | 1.64              | (1.22 - 2.21)                    |
| Regions 1 and 2       | *                   | (* - *)                            | 4.43                | (2.70 - 7.19)                      | 1.01              | (0.57 - 1.77)                    | 1.46              | (0.90 - 2.38)                    |
| Region 1              | *                   | (* - *)                            | *                   | (* - *)                            | *                 | (* - *)                          | 1.52              | (0.82 - 2.80)                    |
| Region 2              | *                   | (* - *)                            | *                   | (* - *)                            | *                 | (* - *)                          | 1.43              | (0.78 - 2.60)                    |
| Regions 3 and 4       | 0.72                | (0.41 - 1.25)                      | 3.57                | (2.24 - 5.63)                      | 0.86              | (0.51 - 1.43)                    | 1.24              | (0.80 - 1.93)                    |
| Region 3              | *                   | (* - *)                            | *                   | (* - *)                            | *                 | (* - *)                          | *                 | (* - *)                          |
| Region 4              | *                   | (* - *)                            | 3.38                | (1.96 - 5.79)                      | 0.84              | (0.46 - 1.52)                    | 1.21              | (0.72 - 2.03)                    |
| Regions 5 and 6       | *                   | (* - *)                            | 3.98                | (2.55 - 6.17)                      | 0.85              | (0.50 - 1.45)                    | 1.31              | (0.84 - 2.03)                    |
| Region 5              | *                   | (* - *)                            | 3.77                | (2.15 - 6.51)                      | *                 | (* - *)                          | 1.24              | (0.71 - 2.14)                    |
| Region 6              | *                   | (* - *)                            | 4.21                | (2.30 - 7.57)                      | 0.89              | (0.46 - 1.73)                    | 1.37              | (0.77 - 2.44)                    |
| Region 7              | 0.53                | (0.31 - 0.88)                      | 5.80                | (4.15 - 8.05)                      | 1.31              | (0.86 - 1.99)                    | 1.92              | (1.37 - 2.68)                    |
| Region 7A (Hennepin)  | 0.44                | (0.23 - 0.84)                      | 8.71                | (5.65 - 13.18)                     | 1.87              | (1.11 - 3.14)                    | 2.77              | (1.82 - 4.19)                    |
| Region 7B (Ramsey)    | *                   | (* - *)                            | 4.11                | (2.31 - 7.20)                      | 1.30              | (0.70 - 2.40)                    | 1.74              | (1.01 - 2.98)                    |
| Region 7C             | 0.64                | (0.35 - 1.17)                      | 3.70                | (2.13 - 6.34)                      | 0.75              | (0.41 - 1.35)                    | 1.13              | (0.67 - 1.88)                    |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 0.23                | (0.12 - 0.42)                         | 2.26                | (1.55 - 3.29)                         | 0.97              | (0.63 - 1.50)                       | 1.17              | (0.80 - 1.70)                       |
| Region 1                               | *                   | (* - *)                               | 2.98                | (1.69 - 5.18)                         | 1.00              | (0.54 - 1.85)                       | 1.30              | (0.76 - 2.22)                       |
| Region 2                               | *                   | (* - *)                               | 1.46                | (0.75 - 2.81)                         | 1.22              | (0.63 - 2.35)                       | 1.26              | (0.68 - 2.33)                       |
| Region 3                               | *                   | (* - *)                               | 2.43                | (1.29 - 4.53)                         | 1.06              | (0.54 - 2.09)                       | 1.29              | (0.70 - 2.36)                       |
| Region 4                               | *                   | (* - *)                               | 1.97                | (1.10 - 3.52)                         | 1.10              | (0.56 - 2.12)                       | 1.23              | (0.67 - 2.23)                       |
| Region 5                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.04              | (0.50 - 2.12)                       |
| Region 6                               | *                   | (* - *)                               | 2.19                | (1.16 - 4.09)                         | 0.80              | (0.40 - 1.62)                       | 1.02              | (0.55 - 1.89)                       |
| Region 7                               | *                   | (* - *)                               | 2.30                | (1.21 - 4.33)                         | 0.66              | (0.33 - 1.31)                       | 0.89              | (0.48 - 1.64)                       |
| <b>Missouri</b>                        | 0.43                | (0.26 - 0.72)                         | 3.91                | (2.88 - 5.29)                         | 0.87              | (0.60 - 1.28)                       | 1.31              | (0.96 - 1.77)                       |
| Central                                | *                   | (* - *)                               | 5.26                | (3.12 - 8.73)                         | 1.07              | (0.58 - 1.95)                       | 1.80              | (1.10 - 2.94)                       |
| Eastern                                | 0.37                | (0.20 - 0.66)                         | 4.65                | (3.06 - 7.01)                         | 0.97              | (0.60 - 1.58)                       | 1.47              | (0.98 - 2.20)                       |
| Eastern (St. Louis City and<br>County) | *                   | (* - *)                               | 4.20                | (2.45 - 7.10)                         | 0.97              | (0.54 - 1.76)                       | 1.42              | (0.85 - 2.36)                       |
| Eastern (excluding St. Louis)          | *                   | (* - *)                               | 5.46                | (3.16 - 9.28)                         | 0.97              | (0.52 - 1.79)                       | 1.56              | (0.93 - 2.62)                       |
| Northwest                              | 0.39                | (0.22 - 0.71)                         | 3.20                | (2.00 - 5.10)                         | 0.83              | (0.49 - 1.40)                       | 1.16              | (0.74 - 1.83)                       |
| Northwest (Jackson)                    | *                   | (* - *)                               | 3.26                | (1.82 - 5.79)                         | 0.99              | (0.53 - 1.86)                       | 1.30              | (0.74 - 2.27)                       |
| Northwest (excluding Jackson)          | *                   | (* - *)                               | 3.16                | (1.72 - 5.74)                         | 0.69              | (0.36 - 1.33)                       | 1.04              | (0.59 - 1.86)                       |
| Southeast                              | *                   | (* - *)                               | 2.69                | (1.49 - 4.83)                         | 0.74              | (0.39 - 1.40)                       | 1.00              | (0.57 - 1.76)                       |
| Southwest                              | *                   | (* - *)                               | 2.83                | (1.56 - 5.09)                         | 0.67              | (0.35 - 1.27)                       | 0.97              | (0.55 - 1.70)                       |
| <b>Montana</b>                         | 0.88                | (0.55 - 1.42)                         | 5.03                | (3.86 - 6.53)                         | 1.17              | (0.83 - 1.66)                       | 1.71              | (1.31 - 2.24)                       |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | 1.01              | (0.51 - 1.98)                       | 1.48              | (0.81 - 2.69)                       |
| Region 2                               | 0.75                | (0.42 - 1.34)                         | 3.57                | (2.05 - 6.15)                         | 1.03              | (0.58 - 1.82)                       | 1.40              | (0.84 - 2.32)                       |
| Region 3                               | 0.81                | (0.46 - 1.42)                         | 4.57                | (2.76 - 7.47)                         | 1.09              | (0.64 - 1.85)                       | 1.54              | (0.97 - 2.43)                       |
| Region 4                               | 0.99                | (0.55 - 1.77)                         | 5.21                | (3.38 - 7.95)                         | 1.18              | (0.70 - 1.96)                       | 1.78              | (1.18 - 2.69)                       |
| Region 5                               | 0.95                | (0.52 - 1.71)                         | 5.90                | (3.92 - 8.77)                         | 1.32              | (0.81 - 2.15)                       | 1.97              | (1.33 - 2.91)                       |
| <b>Nebraska</b>                        | 0.58                | (0.36 - 0.94)                         | 4.45                | (3.28 - 6.01)                         | 1.00              | (0.68 - 1.46)                       | 1.52              | (1.13 - 2.05)                       |
| Regions 1 and 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 0.78              | (0.44 - 1.38)                       | 1.22              | (0.74 - 1.99)                       |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.24              | (0.67 - 2.27)                       |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.20              | (0.65 - 2.23)                       |
| Region 3                               | *                   | (* - *)                               | 5.01                | (2.85 - 8.65)                         | 0.91              | (0.48 - 1.73)                       | 1.52              | (0.88 - 2.61)                       |
| Region 4                               | *                   | (* - *)                               | 3.19                | (1.71 - 5.88)                         | 0.63              | (0.32 - 1.25)                       | 1.00              | (0.55 - 1.79)                       |
| Region 5                               | 0.59                | (0.33 - 1.05)                         | 3.54                | (2.04 - 6.08)                         | 0.94              | (0.53 - 1.67)                       | 1.38              | (0.83 - 2.27)                       |
| Region 6                               | 0.49                | (0.27 - 0.88)                         | 5.32                | (3.54 - 7.93)                         | 1.21              | (0.74 - 1.97)                       | 1.83              | (1.24 - 2.68)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 0.70                | (0.44 - 1.14)                         | 4.67                | (3.47 - 6.27)                         | 1.47              | (1.03 - 2.10)                       | 1.89              | (1.41 - 2.54)                       |
| Clark – Region 1        | 0.61                | (0.35 - 1.05)                         | 3.95                | (2.70 - 5.74)                         | 1.44              | (0.95 - 2.19)                       | 1.78              | (1.24 - 2.53)                       |
| Region 3                | *                   | (* - *)                               | 5.26                | (3.16 - 8.63)                         | 1.10              | (0.61 - 1.95)                       | 1.58              | (0.95 - 2.62)                       |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.71              | (0.91 - 3.17)                       |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | 1.06              | (0.52 - 2.13)                       | 1.47              | (0.78 - 2.75)                       |
| Washoe – Region 2       | 0.98                | (0.54 - 1.76)                         | 7.58                | (4.82 - 11.73)                        | 1.88              | (1.12 - 3.14)                       | 2.66              | (1.72 - 4.08)                       |
| <b>New Hampshire</b>    | 1.05                | (0.67 - 1.65)                         | 10.68               | (8.59 - 13.20)                        | 1.86              | (1.37 - 2.52)                       | 3.06              | (2.46 - 3.79)                       |
| Central                 | 1.07                | (0.65 - 1.76)                         | 8.78                | (6.47 - 11.80)                        | 1.74              | (1.16 - 2.60)                       | 2.76              | (2.03 - 3.74)                       |
| Central 1               | 1.10                | (0.62 - 1.93)                         | 7.36                | (4.62 - 11.53)                        | 1.62              | (0.96 - 2.73)                       | 2.55              | (1.65 - 3.90)                       |
| Central 2               | 1.05                | (0.60 - 1.84)                         | 10.53               | (7.19 - 15.16)                        | 1.85              | (1.12 - 3.04)                       | 2.96              | (2.02 - 4.33)                       |
| Northern                | *                   | (* - *)                               | *                   | (* - *)                               | 1.55              | (0.88 - 2.71)                       | 2.71              | (1.73 - 4.22)                       |
| Southern                | 1.04                | (0.64 - 1.69)                         | 11.92               | (9.06 - 15.51)                        | 1.99              | (1.39 - 2.83)                       | 3.28              | (2.53 - 4.26)                       |
| Southern 1 (Rockingham) | 1.05                | (0.60 - 1.82)                         | *                   | (* - *)                               | 1.40              | (0.84 - 2.32)                       | 2.42              | (1.60 - 3.64)                       |
| Southern 2              | 1.04                | (0.59 - 1.82)                         | 12.95               | (9.35 - 17.67)                        | 2.37              | (1.57 - 3.56)                       | 3.82              | (2.81 - 5.18)                       |
| <b>New Jersey</b>       | 0.52                | (0.33 - 0.80)                         | 5.64                | (4.45 - 7.13)                         | 1.39              | (1.04 - 1.87)                       | 1.95              | (1.55 - 2.45)                       |
| Central                 | 0.57                | (0.34 - 0.97)                         | 6.54                | (4.27 - 9.89)                         | 1.27              | (0.76 - 2.10)                       | 1.93              | (1.28 - 2.91)                       |
| Metropolitan            | 0.40                | (0.22 - 0.71)                         | 4.28                | (2.68 - 6.76)                         | 1.39              | (0.85 - 2.28)                       | 1.79              | (1.17 - 2.75)                       |
| Northern                | 0.58                | (0.34 - 0.99)                         | 5.57                | (3.86 - 7.97)                         | 1.37              | (0.90 - 2.08)                       | 1.90              | (1.35 - 2.66)                       |
| Southern                | 0.49                | (0.28 - 0.86)                         | 6.46                | (4.36 - 9.48)                         | 1.58              | (0.99 - 2.50)                       | 2.23              | (1.52 - 3.25)                       |
| <b>New Mexico</b>       | 1.04                | (0.66 - 1.63)                         | 5.52                | (4.20 - 7.22)                         | 1.54              | (1.09 - 2.17)                       | 2.11              | (1.61 - 2.77)                       |
| Region 1                | 1.03                | (0.58 - 1.85)                         | 4.12                | (2.42 - 6.92)                         | 1.66              | (0.95 - 2.90)                       | 2.02              | (1.22 - 3.33)                       |
| Region 2                | 1.17                | (0.64 - 2.10)                         | 5.76                | (3.36 - 9.73)                         | 1.18              | (0.65 - 2.16)                       | 1.73              | (1.03 - 2.89)                       |
| Region 3 (Bernalillo)   | 0.98                | (0.56 - 1.71)                         | 6.51                | (4.35 - 9.63)                         | 1.70              | (1.07 - 2.70)                       | 2.38              | (1.63 - 3.45)                       |
| Region 4                | 1.00                | (0.56 - 1.77)                         | 5.37                | (3.05 - 9.28)                         | 1.38              | (0.76 - 2.49)                       | 2.01              | (1.19 - 3.39)                       |
| Region 5                | 1.09                | (0.64 - 1.83)                         | 5.36                | (3.55 - 8.03)                         | 1.51              | (0.94 - 2.42)                       | 2.12              | (1.42 - 3.16)                       |
| Region 5a               | *                   | (* - *)                               | *                   | (* - *)                               | 1.49              | (0.80 - 2.78)                       | 2.04              | (1.18 - 3.50)                       |
| Region 5b (Dona Ana)    | *                   | (* - *)                               | 5.23                | (3.06 - 8.79)                         | 1.52              | (0.85 - 2.72)                       | 2.20              | (1.33 - 3.62)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 0.58                | (0.40 - 0.83)                         | 5.74                | (4.89 - 6.72)                         | 2.21              | (1.85 - 2.65)                       | 2.72              | (2.36 - 3.14)                       |
| Region 1: Long Island                          | 0.59                | (0.36 - 0.97)                         | 7.14                | (5.05 - 10.01)                        | 1.42              | (0.93 - 2.17)                       | 2.20              | (1.59 - 3.05)                       |
| Region 2: New York City                        | 0.41                | (0.26 - 0.65)                         | 5.20                | (4.15 - 6.51)                         | 2.95              | (2.37 - 3.67)                       | 3.27              | (2.70 - 3.95)                       |
| Region 2A: Bronx                               | 0.47                | (0.27 - 0.82)                         | 2.50                | (1.50 - 4.14)                         | 2.14              | (1.33 - 3.43)                       | 2.20              | (1.41 - 3.42)                       |
| Region 2B: Kings                               | 0.30                | (0.16 - 0.56)                         | 4.92                | (3.30 - 7.28)                         | 3.30              | (2.30 - 4.73)                       | 3.54              | (2.54 - 4.90)                       |
| Region 2C: New York                            | *                   | (* - *)                               | 9.95                | (6.89 - 14.16)                        | 4.69              | (3.35 - 6.52)                       | 5.36              | (3.98 - 7.19)                       |
| Region 2D: Queens                              | 0.40                | (0.23 - 0.72)                         | 3.72                | (2.32 - 5.92)                         | 1.92              | (1.27 - 2.89)                       | 2.15              | (1.46 - 3.15)                       |
| Region 2E: Richmond                            | *                   | (* - *)                               | 6.33                | (3.73 - 10.56)                        | 1.90              | (1.14 - 3.14)                       | 2.51              | (1.58 - 3.98)                       |
| Region 3: Mid-Hudson                           | 0.62                | (0.37 - 1.06)                         | 5.70                | (3.68 - 8.73)                         | 1.25              | (0.78 - 1.98)                       | 1.89              | (1.28 - 2.78)                       |
| Region 4: Capital Region                       | 0.80                | (0.47 - 1.36)                         | 7.83                | (5.13 - 11.77)                        | 1.95              | (1.23 - 3.09)                       | 2.81              | (1.90 - 4.14)                       |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | 2.30              | (1.34 - 3.94)                       | 2.97              | (1.81 - 4.83)                       |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | 2.04              | (1.20 - 3.46)                       | 2.56              | (1.56 - 4.17)                       |
| Region 7: Tug Hill Seaway                      | *                   | (* - *)                               | *                   | (* - *)                               | 1.53              | (0.88 - 2.65)                       | 1.99              | (1.20 - 3.30)                       |
| Region 8: Central                              | 0.76                | (0.43 - 1.34)                         | 6.88                | (4.52 - 10.33)                        | 2.44              | (1.59 - 3.72)                       | 3.15              | (2.18 - 4.54)                       |
| Region 9: Southern Tier                        | *                   | (* - *)                               | 7.04                | (4.32 - 11.28)                        | 2.28              | (1.36 - 3.80)                       | 3.18              | (2.03 - 4.93)                       |
| Region 10: Finger Lakes                        | 0.66                | (0.39 - 1.12)                         | 4.84                | (3.07 - 7.54)                         | 1.78              | (1.13 - 2.80)                       | 2.24              | (1.50 - 3.35)                       |
| Region 11: Western                             | 0.74                | (0.43 - 1.29)                         | 4.50                | (2.94 - 6.82)                         | 1.45              | (0.93 - 2.25)                       | 1.89              | (1.30 - 2.76)                       |
| <b>North Carolina</b>                          | 0.42                | (0.27 - 0.65)                         | 5.01                | (3.99 - 6.27)                         | 1.36              | (1.02 - 1.82)                       | 1.87              | (1.49 - 2.36)                       |
| Alliance Behavioral<br>Healthcare 1            | *                   | (* - *)                               | 4.84                | (2.83 - 8.17)                         | 1.59              | (0.90 - 2.79)                       | 2.10              | (1.26 - 3.47)                       |
| Alliance Behavioral<br>Healthcare 2            | *                   | (* - *)                               | 4.95                | (2.93 - 8.25)                         | 1.16              | (0.66 - 2.02)                       | 1.68              | (1.03 - 2.74)                       |
| Cardinal Innovations<br>Healthcare Solutions 1 | *                   | (* - *)                               | 3.86                | (2.15 - 6.85)                         | 0.96              | (0.51 - 1.77)                       | 1.33              | (0.77 - 2.30)                       |
| Cardinal Innovations<br>Healthcare Solutions 2 | *                   | (* - *)                               | 4.87                | (2.92 - 8.02)                         | 1.54              | (0.86 - 2.73)                       | 2.03              | (1.23 - 3.33)                       |
| Cardinal Innovations<br>Healthcare Solutions 3 | *                   | (* - *)                               | 5.49                | (3.39 - 8.78)                         | 1.72              | (1.01 - 2.89)                       | 2.23              | (1.41 - 3.52)                       |
| CenterPoint Human Services                     | *                   | (* - *)                               | 5.35                | (3.12 - 9.02)                         | 1.47              | (0.80 - 2.70)                       | 1.99              | (1.17 - 3.39)                       |
| Eastpointe                                     | *                   | (* - *)                               | 3.40                | (1.99 - 5.73)                         | 1.45              | (0.80 - 2.62)                       | 1.72              | (1.01 - 2.93)                       |
| Partners Behavioral Health<br>Management       | *                   | (* - *)                               | 3.99                | (2.30 - 6.84)                         | 0.98              | (0.54 - 1.77)                       | 1.36              | (0.81 - 2.28)                       |
| Sandhills Center 1                             | *                   | (* - *)                               | 4.94                | (2.79 - 8.59)                         | 1.47              | (0.79 - 2.71)                       | 1.92              | (1.10 - 3.32)                       |
| Sandhills Center 2                             | *                   | (* - *)                               | *                   | (* - *)                               | 1.91              | (1.06 - 3.41)                       | 2.54              | (1.51 - 4.24)                       |
| Smoky Mountain Center 1                        | *                   | (* - *)                               | 5.71                | (3.35 - 9.58)                         | 1.15              | (0.64 - 2.07)                       | 1.79              | (1.08 - 2.96)                       |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | 4.46                | (2.50 - 7.84)                         | 0.90              | (0.48 - 1.67)                       | 1.29              | (0.74 - 2.23)                       |
| Trillium Health Resources 1                    | *                   | (* - *)                               | 5.69                | (3.47 - 9.20)                         | 1.58              | (0.92 - 2.71)                       | 2.23              | (1.40 - 3.54)                       |
| Trillium Health Resources 2                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 2.27              | (1.39 - 3.67)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 0.58                | (0.33 - 1.01)                         | 3.91                | (2.87 - 5.30)                         | 0.64              | (0.41 - 0.99)                       | 1.22              | (0.89 - 1.68)                       |
| Badlands and West Central     | 0.65                | (0.35 - 1.22)                         | 3.97                | (2.45 - 6.39)                         | 0.57              | (0.32 - 1.01)                       | 1.07              | (0.67 - 1.70)                       |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.17              | (0.64 - 2.14)                       |
| West Central                  | 0.67                | (0.35 - 1.30)                         | 3.77                | (2.12 - 6.59)                         | 0.57              | (0.30 - 1.08)                       | 1.04              | (0.60 - 1.77)                       |
| Lake Region                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.90              | (0.47 - 1.73)                       |
| North Central                 | *                   | (* - *)                               | 4.71                | (2.69 - 8.13)                         | 0.71              | (0.37 - 1.38)                       | 1.42              | (0.84 - 2.42)                       |
| Northeast                     | *                   | (* - *)                               | 3.31                | (1.89 - 5.75)                         | 0.63              | (0.32 - 1.22)                       | 1.28              | (0.75 - 2.19)                       |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| South Central                 | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.94              | (0.51 - 1.76)                       |
| Southeast                     | 0.49                | (0.26 - 0.92)                         | 3.95                | (2.55 - 6.06)                         | 0.74              | (0.42 - 1.28)                       | 1.40              | (0.93 - 2.10)                       |
| <b>Ohio</b>                   | 0.47                | (0.32 - 0.70)                         | 4.37                | (3.58 - 5.33)                         | 1.22              | (0.96 - 1.56)                       | 1.66              | (1.37 - 2.01)                       |
| Boards 2, 46, 55, and 68      | *                   | (* - *)                               | 4.03                | (2.28 - 7.05)                         | 1.05              | (0.58 - 1.90)                       | 1.46              | (0.86 - 2.48)                       |
| Boards 3, 52, and 85          | *                   | (* - *)                               | *                   | (* - *)                               | 1.03              | (0.57 - 1.86)                       | 1.46              | (0.84 - 2.51)                       |
| Boards 4 and 78               | *                   | (* - *)                               | 4.32                | (2.48 - 7.41)                         | 1.21              | (0.68 - 2.15)                       | 1.59              | (0.95 - 2.65)                       |
| Boards 5 and 60               | *                   | (* - *)                               | 4.44                | (2.56 - 7.60)                         | 1.31              | (0.73 - 2.34)                       | 1.86              | (1.11 - 3.09)                       |
| Boards 7, 15, 41, 79, and 84  | *                   | (* - *)                               | *                   | (* - *)                               | 1.19              | (0.66 - 2.16)                       | 1.55              | (0.90 - 2.67)                       |
| Boards 8, 13, and 83          | *                   | (* - *)                               | *                   | (* - *)                               | 1.05              | (0.57 - 1.93)                       | 1.49              | (0.86 - 2.56)                       |
| Board 9 (Butler)              | *                   | (* - *)                               | *                   | (* - *)                               | 1.27              | (0.72 - 2.24)                       | 1.90              | (1.13 - 3.15)                       |
| Board 12                      | *                   | (* - *)                               | 4.69                | (2.71 - 8.01)                         | 1.40              | (0.79 - 2.49)                       | 1.91              | (1.14 - 3.18)                       |
| Boards 18 and 47              | 0.32                | (0.17 - 0.60)                         | 3.14                | (1.89 - 5.17)                         | 1.01              | (0.60 - 1.70)                       | 1.29              | (0.82 - 2.05)                       |
| Boards 20, 32, 54, and 69     | *                   | (* - *)                               | 3.74                | (2.14 - 6.46)                         | 0.93              | (0.52 - 1.64)                       | 1.30              | (0.78 - 2.16)                       |
| Boards 21, 39, 51, 70, and 80 | *                   | (* - *)                               | 4.46                | (2.64 - 7.44)                         | 1.06              | (0.61 - 1.83)                       | 1.49              | (0.91 - 2.43)                       |
| Boards 22, 74, and 87         | *                   | (* - *)                               | 4.31                | (2.50 - 7.35)                         | 1.00              | (0.57 - 1.76)                       | 1.50              | (0.91 - 2.46)                       |
| Boards 23 and 45              | *                   | (* - *)                               | 3.30                | (1.84 - 5.85)                         | 0.89              | (0.50 - 1.60)                       | 1.24              | (0.73 - 2.08)                       |
| Board 25 (Franklin)           | *                   | (* - *)                               | 5.67                | (3.87 - 8.23)                         | 1.74              | (1.12 - 2.69)                       | 2.34              | (1.62 - 3.35)                       |
| Boards 27, 71, and 73         | *                   | (* - *)                               | 4.49                | (2.55 - 7.79)                         | 1.83              | (1.00 - 3.33)                       | 2.17              | (1.25 - 3.74)                       |
| Boards 28, 43, and 67         | *                   | (* - *)                               | 4.10                | (2.40 - 6.93)                         | 0.89              | (0.50 - 1.55)                       | 1.34              | (0.82 - 2.19)                       |
| Board 31 (Hamilton)           | *                   | (* - *)                               | 5.58                | (3.40 - 9.02)                         | 1.54              | (0.92 - 2.56)                       | 2.12              | (1.35 - 3.32)                       |
| Board 48 (Lucas)              | *                   | (* - *)                               | 4.12                | (2.36 - 7.11)                         | 1.49              | (0.84 - 2.62)                       | 1.88              | (1.12 - 3.14)                       |
| Boards 50 and 76              | *                   | (* - *)                               | 4.34                | (2.54 - 7.32)                         | 1.17              | (0.67 - 2.04)                       | 1.58              | (0.96 - 2.58)                       |
| Board 57 (Montgomery)         | *                   | (* - *)                               | 4.19                | (2.38 - 7.27)                         | 1.11              | (0.60 - 2.01)                       | 1.53              | (0.90 - 2.59)                       |
| Board 77 (Summit)             | *                   | (* - *)                               | 4.11                | (2.39 - 6.97)                         | 1.02              | (0.58 - 1.79)                       | 1.43              | (0.87 - 2.34)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 0.44                | (0.26 - 0.74)                         | 3.31                | (2.36 - 4.63)                         | 0.76              | (0.48 - 1.18)                       | 1.14              | (0.80 - 1.61)                       |
| Central                               | *                   | (* - *)                               | 2.98                | (1.55 - 5.68)                         | 0.62              | (0.32 - 1.22)                       | 1.00              | (0.55 - 1.81)                       |
| East Central                          | *                   | (* - *)                               | 2.08                | (1.07 - 4.00)                         | 0.66              | (0.32 - 1.39)                       | 0.86              | (0.45 - 1.67)                       |
| Northeast                             | *                   | (* - *)                               | 2.58                | (1.38 - 4.79)                         | 0.61              | (0.30 - 1.24)                       | 0.94              | (0.51 - 1.72)                       |
| Northwest and Southwest               | *                   | (* - *)                               | 2.97                | (1.62 - 5.39)                         | 0.75              | (0.38 - 1.47)                       | 1.10              | (0.61 - 1.96)                       |
| Oklahoma County                       | *                   | (* - *)                               | 4.45                | (2.65 - 7.38)                         | 0.92              | (0.49 - 1.72)                       | 1.43              | (0.85 - 2.37)                       |
| Southeast                             | *                   | (* - *)                               | 2.32                | (1.22 - 4.37)                         | 0.69              | (0.33 - 1.42)                       | 0.92              | (0.48 - 1.74)                       |
| Tulsa County                          | *                   | (* - *)                               | 4.92                | (2.87 - 8.31)                         | 0.90              | (0.48 - 1.70)                       | 1.48              | (0.88 - 2.48)                       |
| <b>Oregon</b>                         | 1.08                | (0.68 - 1.70)                         | 7.64                | (6.06 - 9.60)                         | 1.89              | (1.44 - 2.49)                       | 2.66              | (2.14 - 3.30)                       |
| Region 1 (Multnomah)                  | 0.80                | (0.45 - 1.44)                         | 9.96                | (6.76 - 14.44)                        | 3.79              | (2.60 - 5.49)                       | 4.56              | (3.29 - 6.28)                       |
| Region 2                              | 1.10                | (0.63 - 1.91)                         | 7.22                | (4.63 - 11.10)                        | 1.34              | (0.83 - 2.13)                       | 2.09              | (1.41 - 3.09)                       |
| Region 3                              | 1.15                | (0.65 - 2.01)                         | 7.15                | (4.86 - 10.39)                        | 1.46              | (0.92 - 2.32)                       | 2.33              | (1.62 - 3.35)                       |
| Region 4                              | 1.14                | (0.64 - 2.05)                         | 7.06                | (4.36 - 11.23)                        | 1.31              | (0.73 - 2.34)                       | 1.98              | (1.22 - 3.18)                       |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 2.10              | (1.19 - 3.70)                       |
| Region 6 (Eastern)                    | *                   | (* - *)                               | *                   | (* - *)                               | 1.72              | (0.93 - 3.17)                       | 2.37              | (1.37 - 4.06)                       |
| <b>Pennsylvania</b>                   | 0.52                | (0.35 - 0.77)                         | 4.77                | (3.92 - 5.79)                         | 1.41              | (1.09 - 1.82)                       | 1.87              | (1.53 - 2.28)                       |
| Region 1 (Allegheny)                  | *                   | (* - *)                               | 7.10                | (4.64 - 10.72)                        | 1.60              | (1.01 - 2.53)                       | 2.29              | (1.56 - 3.37)                       |
| Regions 3, 8, 9, and 51               | 0.65                | (0.37 - 1.15)                         | 3.52                | (2.06 - 5.96)                         | 0.90              | (0.50 - 1.61)                       | 1.26              | (0.76 - 2.08)                       |
| Regions 4, 11, 37, and 49             | *                   | (* - *)                               | 3.26                | (1.88 - 5.61)                         | 0.99              | (0.56 - 1.74)                       | 1.29              | (0.78 - 2.14)                       |
| Regions 5, 18, 23, 24, and 46         | 0.61                | (0.35 - 1.07)                         | 3.04                | (1.74 - 5.25)                         | 0.92              | (0.52 - 1.61)                       | 1.19              | (0.72 - 1.97)                       |
| Regions 6, 12, 16, 31, 35, 45, and 47 | *                   | (* - *)                               | 5.14                | (3.18 - 8.19)                         | 1.51              | (0.90 - 2.52)                       | 2.17              | (1.40 - 3.35)                       |
| Regions 7, 13, 20, and 33             | 0.47                | (0.27 - 0.80)                         | 6.39                | (4.54 - 8.93)                         | 1.31              | (0.86 - 1.99)                       | 1.97              | (1.41 - 2.73)                       |
| Regions 10, 15, 27, 32, 43, and 44    | *                   | (* - *)                               | 3.14                | (1.74 - 5.59)                         | 1.09              | (0.59 - 2.00)                       | 1.34              | (0.77 - 2.32)                       |
| Regions 17 and 21                     | *                   | (* - *)                               | 3.62                | (2.03 - 6.38)                         | 1.53              | (0.86 - 2.70)                       | 1.85              | (1.09 - 3.12)                       |
| Regions 19, 26, 28, and 42            | 0.61                | (0.36 - 1.03)                         | 3.65                | (2.30 - 5.73)                         | 1.07              | (0.66 - 1.74)                       | 1.41              | (0.92 - 2.14)                       |
| Regions 22, 38, 40, 41, and 48        | *                   | (* - *)                               | 4.72                | (2.71 - 8.09)                         | 1.07              | (0.59 - 1.93)                       | 1.48              | (0.88 - 2.49)                       |
| Regions 29 and 34                     | *                   | (* - *)                               | 3.59                | (2.03 - 6.25)                         | 0.88              | (0.48 - 1.60)                       | 1.25              | (0.74 - 2.12)                       |
| Regions 30 and 50                     | *                   | (* - *)                               | 3.39                | (1.90 - 5.98)                         | 0.94              | (0.50 - 1.74)                       | 1.25              | (0.72 - 2.16)                       |
| Region 36 (Philadelphia)              | *                   | (* - *)                               | 5.25                | (3.43 - 7.97)                         | 3.18              | (1.97 - 5.08)                       | 3.53              | (2.33 - 5.32)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 0.87                | (0.56 - 1.36)                         | 7.75                | (6.05 - 9.88)                         | 1.79              | (1.29 - 2.47)                       | 2.71              | (2.12 - 3.47)                       |
| Region 1: Southern Providence<br>County                   | 0.87                | (0.49 - 1.54)                         | *                   | (* - *)                               | 1.55              | (0.90 - 2.67)                       | 2.39              | (1.49 - 3.80)                       |
| Region 2: Northern Providence<br>County/Blackstone Valley | 0.76                | (0.44 - 1.31)                         | 7.12                | (4.50 - 11.08)                        | 1.99              | (1.20 - 3.27)                       | 2.65              | (1.72 - 4.06)                       |
| Region 3: Providence                                      | *                   | (* - *)                               | 6.09                | (3.73 - 9.80)                         | 2.64              | (1.54 - 4.50)                       | 3.55              | (2.26 - 5.53)                       |
| Region 4: Kent County                                     | 1.04                | (0.57 - 1.88)                         | *                   | (* - *)                               | 1.34              | (0.79 - 2.29)                       | 2.10              | (1.33 - 3.28)                       |
| Region 5: East Bay                                        | *                   | (* - *)                               | *                   | (* - *)                               | 1.71              | (0.98 - 2.99)                       | 2.69              | (1.67 - 4.32)                       |
| Region 6: Newport County                                  | *                   | (* - *)                               | *                   | (* - *)                               | 1.63              | (0.91 - 2.88)                       | 2.76              | (1.70 - 4.44)                       |
| Region 7: South County                                    | *                   | (* - *)                               | *                   | (* - *)                               | 1.58              | (0.92 - 2.70)                       | 3.02              | (1.96 - 4.62)                       |
| <b>South Carolina</b>                                     | 0.34                | (0.20 - 0.59)                         | 4.25                | (3.18 - 5.65)                         | 1.13              | (0.78 - 1.64)                       | 1.57              | (1.17 - 2.10)                       |
| Region 1                                                  | 0.39                | (0.20 - 0.74)                         | 2.86                | (1.67 - 4.83)                         | 0.76              | (0.42 - 1.37)                       | 1.05              | (0.63 - 1.75)                       |
| Region 2                                                  | 0.33                | (0.17 - 0.61)                         | 3.81                | (2.33 - 6.17)                         | 1.16              | (0.67 - 2.01)                       | 1.55              | (0.97 - 2.49)                       |
| Region 3                                                  | *                   | (* - *)                               | 3.67                | (2.13 - 6.26)                         | 1.26              | (0.70 - 2.26)                       | 1.57              | (0.93 - 2.63)                       |
| Region 4                                                  | *                   | (* - *)                               | 6.65                | (4.40 - 9.95)                         | 1.46              | (0.87 - 2.45)                       | 2.18              | (1.44 - 3.28)                       |
| <b>South Dakota</b>                                       | 0.55                | (0.32 - 0.95)                         | 3.14                | (2.22 - 4.44)                         | 0.66              | (0.42 - 1.03)                       | 1.02              | (0.72 - 1.45)                       |
| Region 1                                                  | 0.59                | (0.30 - 1.14)                         | 4.37                | (2.58 - 7.33)                         | 0.89              | (0.49 - 1.63)                       | 1.39              | (0.84 - 2.29)                       |
| Region 2                                                  | *                   | (* - *)                               | *                   | (* - *)                               | 0.73              | (0.35 - 1.50)                       | 0.99              | (0.52 - 1.89)                       |
| Region 3                                                  | 0.57                | (0.29 - 1.09)                         | 3.02                | (1.70 - 5.31)                         | 0.56              | (0.30 - 1.06)                       | 0.97              | (0.57 - 1.64)                       |
| Region 4                                                  | *                   | (* - *)                               | 2.93                | (1.59 - 5.35)                         | 0.58              | (0.29 - 1.12)                       | 0.95              | (0.54 - 1.68)                       |
| Region 5                                                  | 0.46                | (0.24 - 0.89)                         | 2.43                | (1.38 - 4.24)                         | 0.54              | (0.29 - 1.02)                       | 0.80              | (0.47 - 1.36)                       |
| <b>Tennessee</b>                                          | 0.48                | (0.30 - 0.76)                         | 4.20                | (3.14 - 5.61)                         | 1.15              | (0.80 - 1.66)                       | 1.58              | (1.17 - 2.12)                       |
| Region 1                                                  | *                   | (* - *)                               | 4.11                | (2.35 - 7.09)                         | 0.88              | (0.47 - 1.65)                       | 1.28              | (0.74 - 2.21)                       |
| Region 2                                                  | *                   | (* - *)                               | 3.81                | (2.16 - 6.63)                         | 0.80              | (0.44 - 1.47)                       | 1.20              | (0.71 - 2.02)                       |
| Region 3                                                  | *                   | (* - *)                               | 4.31                | (2.50 - 7.33)                         | 1.04              | (0.57 - 1.92)                       | 1.48              | (0.87 - 2.51)                       |
| Region 4 (Davidson)                                       | *                   | (* - *)                               | *                   | (* - *)                               | 1.74              | (0.96 - 3.13)                       | 2.44              | (1.44 - 4.10)                       |
| Region 5                                                  | 0.54                | (0.30 - 0.96)                         | 4.76                | (2.98 - 7.51)                         | 1.27              | (0.75 - 2.16)                       | 1.76              | (1.12 - 2.76)                       |
| Region 6                                                  | *                   | (* - *)                               | 3.29                | (1.82 - 5.88)                         | 1.15              | (0.61 - 2.16)                       | 1.46              | (0.82 - 2.57)                       |
| Region 7 (Shelby)                                         | *                   | (* - *)                               | 2.81                | (1.56 - 4.99)                         | 1.29              | (0.68 - 2.45)                       | 1.54              | (0.86 - 2.72)                       |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 0.67                | (0.46 - 0.96)                         | 4.40                | (3.67 - 5.27)                         | 0.95              | (0.74 - 1.23)                       | 1.49              | (1.24 - 1.78)                       |
| Region 1                                                    | *                   | (* - *)                               | 4.77                | (2.73 - 8.22)                         | 1.00              | (0.55 - 1.79)                       | 1.65              | (0.98 - 2.75)                       |
| Region 2                                                    | *                   | (* - *)                               | 4.80                | (2.72 - 8.34)                         | 0.90              | (0.49 - 1.64)                       | 1.51              | (0.89 - 2.55)                       |
| Region 3                                                    | 0.52                | (0.34 - 0.81)                         | 3.75                | (2.74 - 5.12)                         | 0.88              | (0.61 - 1.27)                       | 1.30              | (0.97 - 1.73)                       |
| Region 3a                                                   | 0.49                | (0.30 - 0.82)                         | 3.58                | (2.41 - 5.28)                         | 0.87              | (0.55 - 1.38)                       | 1.27              | (0.88 - 1.82)                       |
| Region 3bc                                                  | 0.58                | (0.34 - 0.97)                         | 4.07                | (2.57 - 6.37)                         | 0.89              | (0.53 - 1.48)                       | 1.35              | (0.88 - 2.07)                       |
| Region 4                                                    | *                   | (* - *)                               | 4.15                | (2.52 - 6.76)                         | 0.90              | (0.51 - 1.59)                       | 1.35              | (0.83 - 2.18)                       |
| Region 5                                                    | *                   | (* - *)                               | 3.87                | (2.26 - 6.56)                         | 0.99              | (0.54 - 1.80)                       | 1.41              | (0.84 - 2.36)                       |
| Region 6                                                    | 0.52                | (0.32 - 0.84)                         | 4.52                | (3.24 - 6.27)                         | 0.88              | (0.59 - 1.31)                       | 1.43              | (1.05 - 1.94)                       |
| Region 6a                                                   | 0.52                | (0.31 - 0.86)                         | 4.43                | (3.07 - 6.33)                         | 0.87              | (0.56 - 1.34)                       | 1.41              | (1.01 - 1.97)                       |
| Region 6bc                                                  | *                   | (* - *)                               | 5.40                | (3.12 - 9.20)                         | 0.99              | (0.54 - 1.82)                       | 1.60              | (0.94 - 2.70)                       |
| Region 7                                                    | 0.64                | (0.41 - 1.00)                         | 6.82                | (4.97 - 9.28)                         | 1.35              | (0.91 - 1.99)                       | 2.29              | (1.69 - 3.09)                       |
| Region 7a                                                   | 0.70                | (0.42 - 1.17)                         | 7.67                | (5.15 - 11.26)                        | 1.37              | (0.85 - 2.21)                       | 2.34              | (1.60 - 3.41)                       |
| Region 7bcd                                                 | 0.52                | (0.31 - 0.89)                         | 5.69                | (3.55 - 8.99)                         | 1.29              | (0.75 - 2.21)                       | 2.19              | (1.41 - 3.39)                       |
| Region 8                                                    | 0.74                | (0.45 - 1.23)                         | 3.28                | (2.05 - 5.22)                         | 0.87              | (0.52 - 1.45)                       | 1.24              | (0.81 - 1.91)                       |
| Region 9                                                    | *                   | (* - *)                               | *                   | (* - *)                               | 1.36              | (0.72 - 2.56)                       | 2.33              | (1.37 - 3.93)                       |
| Region 10                                                   | *                   | (* - *)                               | 3.51                | (2.02 - 6.04)                         | 1.01              | (0.55 - 1.86)                       | 1.45              | (0.86 - 2.44)                       |
| Region 11                                                   | 1.27                | (0.74 - 2.18)                         | 3.09                | (2.02 - 4.71)                         | 0.80              | (0.49 - 1.29)                       | 1.19              | (0.80 - 1.78)                       |
| Region 11abd                                                | 1.15                | (0.63 - 2.07)                         | 3.66                | (2.18 - 6.10)                         | 0.85              | (0.47 - 1.52)                       | 1.32              | (0.80 - 2.15)                       |
| Region 11c (Hidalgo)                                        | 1.47                | (0.79 - 2.70)                         | 2.18                | (1.20 - 3.92)                         | 0.71              | (0.38 - 1.34)                       | 0.97              | (0.56 - 1.70)                       |
| <b>Utah</b>                                                 | 0.54                | (0.28 - 1.04)                         | 2.79                | (1.92 - 4.02)                         | 0.64              | (0.40 - 1.02)                       | 1.03              | (0.72 - 1.48)                       |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | *                   | (* - *)                               | *                   | (* - *)                               | 0.58              | (0.28 - 1.19)                       | 0.90              | (0.48 - 1.68)                       |
| Central, Four Corners, San<br>Juan, and Southwest           | *                   | (* - *)                               | 2.17                | (1.25 - 3.76)                         | 0.60              | (0.32 - 1.12)                       | 0.88              | (0.51 - 1.50)                       |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Southwest                                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.90              | (0.47 - 1.72)                       |
| Davis County                                                | *                   | (* - *)                               | *                   | (* - *)                               | 0.57              | (0.27 - 1.19)                       | 0.87              | (0.46 - 1.64)                       |
| Salt Lake County                                            | 0.48                | (0.23 - 1.01)                         | 3.84                | (2.37 - 6.16)                         | 0.75              | (0.43 - 1.31)                       | 1.25              | (0.80 - 1.95)                       |
| Utah County                                                 | 0.59                | (0.28 - 1.25)                         | 2.26                | (1.20 - 4.24)                         | 0.54              | (0.28 - 1.07)                       | 0.97              | (0.55 - 1.73)                       |
| Weber, Morgan                                               | *                   | (* - *)                               | 2.24                | (1.15 - 4.33)                         | 0.55              | (0.27 - 1.09)                       | 0.83              | (0.45 - 1.52)                       |

See notes at end of table.

(continued)



**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 1.14                | (0.73 - 1.78)                         | 10.68               | (8.43 - 13.45)                        | 1.91              | (1.42 - 2.58)                       | 3.22              | (2.59 - 4.00)                       |
| Champlain Valley                      | 1.07                | (0.60 - 1.87)                         | 12.87               | (9.54 - 17.15)                        | 2.16              | (1.45 - 3.20)                       | 4.02              | (3.04 - 5.31)                       |
| Rural Northeast                       | 1.20                | (0.68 - 2.08)                         | *                   | (* - *)                               | 2.17              | (1.31 - 3.57)                       | 3.28              | (2.16 - 4.96)                       |
| Rural Southeast                       | 1.23                | (0.70 - 2.15)                         | *                   | (* - *)                               | 1.35              | (0.79 - 2.30)                       | 2.03              | (1.28 - 3.22)                       |
| Rural Southwest                       | 1.13                | (0.64 - 1.98)                         | *                   | (* - *)                               | 1.68              | (0.99 - 2.84)                       | 2.62              | (1.65 - 4.12)                       |
| <b>Virginia</b>                       | 0.40                | (0.25 - 0.63)                         | 4.03                | (3.16 - 5.14)                         | 1.12              | (0.81 - 1.55)                       | 1.53              | (1.19 - 1.97)                       |
| Region 1                              | 0.51                | (0.29 - 0.91)                         | 3.48                | (2.13 - 5.65)                         | 0.91              | (0.53 - 1.57)                       | 1.31              | (0.82 - 2.09)                       |
| Region 2                              | 0.36                | (0.19 - 0.67)                         | 3.40                | (2.12 - 5.39)                         | 0.81              | (0.48 - 1.37)                       | 1.12              | (0.72 - 1.73)                       |
| Region 3                              | 0.50                | (0.28 - 0.89)                         | 4.58                | (2.95 - 7.04)                         | 1.31              | (0.78 - 2.21)                       | 1.79              | (1.16 - 2.75)                       |
| Region 4                              | 0.33                | (0.18 - 0.59)                         | 4.26                | (2.74 - 6.57)                         | 1.36              | (0.81 - 2.25)                       | 1.77              | (1.15 - 2.72)                       |
| Region 5                              | 0.35                | (0.19 - 0.63)                         | 4.47                | (2.89 - 6.85)                         | 1.33              | (0.79 - 2.23)                       | 1.82              | (1.18 - 2.80)                       |
| <b>Washington</b>                     | 0.69                | (0.43 - 1.10)                         | 5.54                | (4.27 - 7.15)                         | 1.46              | (1.04 - 2.05)                       | 2.02              | (1.54 - 2.65)                       |
| Region 1                              | 0.82                | (0.48 - 1.39)                         | 4.19                | (2.76 - 6.31)                         | 1.23              | (0.76 - 2.00)                       | 1.70              | (1.13 - 2.56)                       |
| Greater Columbia and North<br>Central | 0.86                | (0.48 - 1.55)                         | 3.81                | (2.22 - 6.46)                         | 1.15              | (0.62 - 2.10)                       | 1.60              | (0.95 - 2.69)                       |
| Spokane                               | *                   | (* - *)                               | 4.85                | (2.74 - 8.46)                         | 1.34              | (0.71 - 2.52)                       | 1.84              | (1.06 - 3.19)                       |
| Region 2                              | 0.59                | (0.35 - 0.99)                         | 6.68                | (4.77 - 9.26)                         | 1.72              | (1.16 - 2.55)                       | 2.36              | (1.70 - 3.26)                       |
| King                                  | 0.50                | (0.27 - 0.93)                         | 8.11                | (5.43 - 11.94)                        | 2.16              | (1.39 - 3.32)                       | 2.90              | (2.00 - 4.18)                       |
| North Sound                           | *                   | (* - *)                               | 4.34                | (2.53 - 7.34)                         | 0.94              | (0.51 - 1.71)                       | 1.40              | (0.83 - 2.35)                       |
| Region 3                              | 0.74                | (0.45 - 1.22)                         | 5.03                | (3.56 - 7.08)                         | 1.24              | (0.81 - 1.90)                       | 1.76              | (1.23 - 2.50)                       |
| Pierce                                | *                   | (* - *)                               | 4.51                | (2.69 - 7.47)                         | 1.24              | (0.70 - 2.20)                       | 1.72              | (1.05 - 2.81)                       |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.86              | (1.06 - 3.26)                       |
| SW WA and Great Rivers                | *                   | (* - *)                               | 5.35                | (3.13 - 9.01)                         | 1.26              | (0.68 - 2.31)                       | 1.79              | (1.05 - 3.02)                       |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |

See notes at end of table.

(continued)

**Table 4 Cocaine Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 0.61                | (0.37 - 1.00)                         | 4.61                | (3.43 - 6.16)                         | 0.90              | (0.60 - 1.35)                       | 1.38              | (1.01 - 1.88)                       |
| Region I                      | *                   | (* - *)                               | *                   | (* - *)                               | 0.85              | (0.42 - 1.70)                       | 1.35              | (0.74 - 2.46)                       |
| Region II                     | *                   | (* - *)                               | 3.16                | (1.71 - 5.78)                         | 0.77              | (0.40 - 1.47)                       | 1.08              | (0.61 - 1.92)                       |
| Region III                    | *                   | (* - *)                               | 3.54                | (1.91 - 6.45)                         | 0.76              | (0.38 - 1.53)                       | 1.07              | (0.58 - 1.98)                       |
| Region IV                     | 0.66                | (0.36 - 1.22)                         | 6.76                | (4.38 - 10.30)                        | 1.22              | (0.70 - 2.11)                       | 2.15              | (1.41 - 3.27)                       |
| Region V                      | 0.58                | (0.32 - 1.07)                         | 3.74                | (2.24 - 6.19)                         | 0.76              | (0.42 - 1.39)                       | 1.12              | (0.67 - 1.85)                       |
| Region VI                     | 0.63                | (0.34 - 1.16)                         | 3.71                | (2.18 - 6.23)                         | 0.94              | (0.51 - 1.75)                       | 1.26              | (0.74 - 2.13)                       |
| <b>Wisconsin</b>              | 0.74                | (0.46 - 1.17)                         | 4.51                | (3.41 - 5.93)                         | 1.08              | (0.75 - 1.55)                       | 1.57              | (1.18 - 2.07)                       |
| Milwaukee                     | *                   | (* - *)                               | 3.52                | (2.07 - 5.93)                         | 1.46              | (0.81 - 2.61)                       | 1.80              | (1.07 - 3.00)                       |
| Northeastern                  | 0.81                | (0.44 - 1.47)                         | 3.63                | (2.11 - 6.18)                         | 0.84              | (0.45 - 1.57)                       | 1.21              | (0.71 - 2.04)                       |
| Northern                      | *                   | (* - *)                               | 4.43                | (2.40 - 8.02)                         | 0.93              | (0.48 - 1.81)                       | 1.37              | (0.77 - 2.44)                       |
| Southeastern                  | 0.91                | (0.51 - 1.65)                         | 5.55                | (3.34 - 9.08)                         | 1.20              | (0.67 - 2.15)                       | 1.79              | (1.09 - 2.91)                       |
| Southern                      | 0.73                | (0.41 - 1.31)                         | 5.70                | (3.66 - 8.78)                         | 1.07              | (0.63 - 1.83)                       | 1.73              | (1.13 - 2.64)                       |
| Western                       | *                   | (* - *)                               | 4.05                | (2.38 - 6.81)                         | 0.94              | (0.51 - 1.72)                       | 1.42              | (0.85 - 2.35)                       |
| <b>Wyoming</b>                | 0.83                | (0.51 - 1.33)                         | 4.79                | (3.52 - 6.49)                         | 0.83              | (0.56 - 1.23)                       | 1.40              | (1.04 - 1.89)                       |
| Judicial District 1 (Laramie) | *                   | (* - *)                               | 4.92                | (2.78 - 8.56)                         | 0.80              | (0.43 - 1.46)                       | 1.35              | (0.79 - 2.27)                       |
| Judicial District 2           | *                   | (* - *)                               | 4.42                | (2.61 - 7.40)                         | 1.02              | (0.56 - 1.85)                       | 1.93              | (1.19 - 3.11)                       |
| Judicial District 3           | 0.87                | (0.48 - 1.58)                         | 4.23                | (2.35 - 7.49)                         | 0.78              | (0.41 - 1.48)                       | 1.26              | (0.73 - 2.17)                       |
| Judicial District 4           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.17              | (0.64 - 2.12)                       |
| Judicial District 5           | *                   | (* - *)                               | *                   | (* - *)                               | 0.64              | (0.33 - 1.25)                       | 1.09              | (0.61 - 1.93)                       |
| Judicial District 6           | *                   | (* - *)                               | 4.54                | (2.58 - 7.86)                         | 0.80              | (0.43 - 1.47)                       | 1.31              | (0.78 - 2.21)                       |
| Judicial District 7 (Natrona) | 0.84                | (0.46 - 1.52)                         | *                   | (* - *)                               | 0.90              | (0.50 - 1.63)                       | 1.63              | (0.99 - 2.68)                       |
| Judicial District 8           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 1.08              | (0.60 - 1.94)                       |
| Judicial District 9           | *                   | (* - *)                               | 4.99                | (2.75 - 8.90)                         | 1.11              | (0.61 - 2.01)                       | 1.58              | (0.93 - 2.68)                       |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 0.08                | (0.06 - 0.12)                         | 0.68                | (0.59 - 0.79)                         | 0.31              | (0.27 - 0.35)                       | 0.36              | (0.33 - 0.40)                       |
| <b>Northeast</b>           | 0.10                | (0.06 - 0.16)                         | 0.95                | (0.77 - 1.17)                         | 0.51              | (0.41 - 0.64)                       | 0.57              | (0.47 - 0.69)                       |
| <b>Midwest</b>             | 0.08                | (0.05 - 0.13)                         | 0.67                | (0.54 - 0.82)                         | 0.28              | (0.22 - 0.37)                       | 0.34              | (0.27 - 0.42)                       |
| <b>South</b>               | 0.07                | (0.05 - 0.11)                         | 0.61                | (0.51 - 0.73)                         | 0.25              | (0.19 - 0.32)                       | 0.30              | (0.24 - 0.36)                       |
| <b>West</b>                | 0.09                | (0.05 - 0.15)                         | 0.61                | (0.48 - 0.76)                         | 0.27              | (0.20 - 0.36)                       | 0.32              | (0.25 - 0.40)                       |
| <b>Alabama</b>             | 0.06                | (0.03 - 0.14)                         | 0.66                | (0.37 - 1.18)                         | 0.24              | (0.12 - 0.47)                       | 0.30              | (0.17 - 0.55)                       |
| Region 1                   | *                   | (* - *)                               | 0.78                | (0.39 - 1.56)                         | 0.23              | (0.11 - 0.51)                       | 0.30              | (0.15 - 0.59)                       |
| Region 2                   | *                   | (* - *)                               | 0.66                | (0.33 - 1.33)                         | 0.27              | (0.12 - 0.59)                       | 0.32              | (0.16 - 0.64)                       |
| Region 3                   | *                   | (* - *)                               | 0.50                | (0.24 - 1.04)                         | 0.24              | (0.10 - 0.57)                       | 0.29              | (0.14 - 0.60)                       |
| Region 4                   | *                   | (* - *)                               | 0.70                | (0.34 - 1.42)                         | 0.22              | (0.09 - 0.49)                       | 0.28              | (0.14 - 0.56)                       |
| <b>Alaska</b>              | 0.15                | (0.05 - 0.40)                         | 1.61                | (1.00 - 2.58)                         | 0.75              | (0.43 - 1.29)                       | 0.88              | (0.55 - 1.40)                       |
| Anchorage                  | *                   | (* - *)                               | 1.45                | (0.83 - 2.52)                         | 0.81              | (0.43 - 1.52)                       | 0.91              | (0.54 - 1.55)                       |
| Northern                   | *                   | (* - *)                               | 1.20                | (0.63 - 2.30)                         | 0.68              | (0.33 - 1.38)                       | 0.77              | (0.42 - 1.41)                       |
| South Central              | *                   | (* - *)                               | 2.17                | (1.18 - 3.95)                         | 0.69              | (0.35 - 1.36)                       | 0.90              | (0.52 - 1.56)                       |
| Southeast                  | *                   | (* - *)                               | *                   | (* - *)                               | 0.78              | (0.37 - 1.64)                       | 0.94              | (0.50 - 1.76)                       |
| <b>Arizona</b>             | 0.12                | (0.05 - 0.29)                         | 1.02                | (0.60 - 1.73)                         | 0.48              | (0.27 - 0.85)                       | 0.56              | (0.34 - 0.92)                       |
| Central                    | 0.13                | (0.05 - 0.35)                         | 0.85                | (0.46 - 1.59)                         | 0.50              | (0.27 - 0.95)                       | 0.55              | (0.32 - 0.97)                       |
| North                      | *                   | (* - *)                               | *                   | (* - *)                               | 0.47              | (0.22 - 1.02)                       | 0.58              | (0.30 - 1.13)                       |
| South                      | *                   | (* - *)                               | 1.28                | (0.69 - 2.34)                         | 0.43              | (0.21 - 0.85)                       | 0.55              | (0.31 - 0.99)                       |
| South A                    | *                   | (* - *)                               | 1.28                | (0.65 - 2.51)                         | 0.47              | (0.22 - 1.00)                       | 0.59              | (0.31 - 1.11)                       |
| South B                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.51              | (0.26 - 0.99)                       |
| <b>Arkansas</b>            | 0.06                | (0.03 - 0.13)                         | 0.43                | (0.21 - 0.89)                         | 0.17              | (0.07 - 0.38)                       | 0.21              | (0.10 - 0.43)                       |
| Catchment Area 1           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.17              | (0.07 - 0.39)                       |
| Catchment Area 2           | *                   | (* - *)                               | 0.56                | (0.23 - 1.33)                         | *                 | (* - *)                             | 0.20              | (0.08 - 0.46)                       |
| Catchment Area 3           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.21              | (0.09 - 0.49)                       |
| Catchment Area 4           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Catchment Area 5           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.24              | (0.11 - 0.55)                       |
| Catchment Area 6           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Catchment Area 7           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Catchment Area 8           | *                   | (* - *)                               | *                   | (* - *)                               | 0.19              | (0.07 - 0.49)                       | 0.22              | (0.09 - 0.51)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 0.08                | (0.04 - 0.18)                         | 0.43                | (0.28 - 0.66)                         | 0.19              | (0.11 - 0.31)                       | 0.22              | (0.14 - 0.35)                       |
| Region 1R                   | *                   | (* - *)                               | 0.85                | (0.45 - 1.62)                         | *                 | (* - *)                             | 0.33              | (0.18 - 0.58)                       |
| Region 2R                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.24              | (0.13 - 0.43)                       |
| Region 3R (Sacramento)      | *                   | (* - *)                               | *                   | (* - *)                               | 0.16              | (0.07 - 0.34)                       | 0.20              | (0.11 - 0.37)                       |
| Region 4R                   | *                   | (* - *)                               | *                   | (* - *)                               | 0.18              | (0.08 - 0.37)                       | 0.26              | (0.14 - 0.47)                       |
| Region 5R (San Francisco)   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.28              | (0.15 - 0.53)                       |
| Region 6 (Santa Clara)      | *                   | (* - *)                               | *                   | (* - *)                               | 0.10              | (0.05 - 0.23)                       | 0.14              | (0.07 - 0.26)                       |
| Region 7R (Contra Costa)    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.21              | (0.12 - 0.38)                       |
| Region 8R (Alameda)         | *                   | (* - *)                               | *                   | (* - *)                               | 0.19              | (0.09 - 0.41)                       | 0.22              | (0.12 - 0.41)                       |
| Region 9R (San Mateo)       | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 10                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.24              | (0.13 - 0.44)                       |
| Region 11 (Los Angeles)     | 0.07                | (0.03 - 0.16)                         | 0.36                | (0.22 - 0.57)                         | 0.23              | (0.13 - 0.40)                       | 0.25              | (0.15 - 0.40)                       |
| LA SPA 1 and 5              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.23              | (0.12 - 0.45)                       |
| LA SPA 2                    | *                   | (* - *)                               | 0.51                | (0.27 - 0.94)                         | 0.22              | (0.11 - 0.45)                       | 0.26              | (0.14 - 0.47)                       |
| LA SPA 3                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.17              | (0.08 - 0.36)                       | 0.20              | (0.11 - 0.38)                       |
| LA SPA 4                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.27              | (0.14 - 0.50)                       |
| LA SPA 6                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.36              | (0.17 - 0.80)                       | 0.33              | (0.16 - 0.66)                       |
| LA SPA 7                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.22              | (0.12 - 0.43)                       |
| LA SPA 8                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.25              | (0.12 - 0.51)                       | 0.26              | (0.14 - 0.49)                       |
| Region 12R                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Regions 13 and 19R          | *                   | (* - *)                               | 0.36                | (0.19 - 0.69)                         | 0.14              | (0.07 - 0.29)                       | 0.18              | (0.10 - 0.32)                       |
| Region 14 (Orange)          | *                   | (* - *)                               | 0.46                | (0.23 - 0.89)                         | 0.17              | (0.08 - 0.36)                       | 0.21              | (0.11 - 0.40)                       |
| Region 15R (Fresno)         | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.22              | (0.12 - 0.41)                       |
| Region 16R (San Diego)      | *                   | (* - *)                               | 0.44                | (0.23 - 0.84)                         | 0.18              | (0.09 - 0.35)                       | 0.22              | (0.12 - 0.39)                       |
| Region 17R                  | *                   | (* - *)                               | 0.30                | (0.16 - 0.58)                         | 0.20              | (0.10 - 0.40)                       | 0.21              | (0.12 - 0.39)                       |
| Region 18R (San Bernardino) | *                   | (* - *)                               | 0.34                | (0.18 - 0.67)                         | 0.15              | (0.07 - 0.32)                       | 0.19              | (0.10 - 0.34)                       |
| Region 20R                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.20              | (0.11 - 0.38)                       |
| Region 21R                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.27              | (0.15 - 0.49)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 0.09                | (0.04 - 0.18)                         | 0.72                | (0.40 - 1.28)                         | 0.30              | (0.16 - 0.58)                       | 0.36              | (0.20 - 0.65)                       |
| Region 1                                  | *                   | (* - *)                               | 0.87                | (0.41 - 1.83)                         | 0.30              | (0.14 - 0.68)                       | 0.39              | (0.19 - 0.79)                       |
| Region 2                                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 3                                  | *                   | (* - *)                               | 0.60                | (0.29 - 1.21)                         | 0.23              | (0.10 - 0.50)                       | 0.28              | (0.14 - 0.56)                       |
| Region 4                                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 5                                  | *                   | (* - *)                               | *                   | (* - *)                               | 0.47              | (0.21 - 1.07)                       | 0.46              | (0.21 - 1.00)                       |
| Region 6                                  | *                   | (* - *)                               | 0.85                | (0.41 - 1.76)                         | 0.29              | (0.13 - 0.63)                       | 0.37              | (0.19 - 0.73)                       |
| Region 7                                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.34              | (0.17 - 0.70)                       |
| <b>Connecticut</b>                        | 0.11                | (0.05 - 0.22)                         | 1.34                | (0.80 - 2.23)                         | 0.63              | (0.37 - 1.08)                       | 0.73              | (0.45 - 1.19)                       |
| Eastern                                   | *                   | (* - *)                               | 1.62                | (0.84 - 3.08)                         | 0.67              | (0.34 - 1.33)                       | 0.84              | (0.46 - 1.51)                       |
| North Central                             | *                   | (* - *)                               | 1.32                | (0.70 - 2.48)                         | 0.70              | (0.36 - 1.35)                       | 0.78              | (0.44 - 1.40)                       |
| Northwestern                              | *                   | (* - *)                               | 1.42                | (0.73 - 2.73)                         | 0.56              | (0.28 - 1.12)                       | 0.67              | (0.36 - 1.23)                       |
| South Central                             | *                   | (* - *)                               | 1.39                | (0.73 - 2.65)                         | 0.70              | (0.35 - 1.38)                       | 0.80              | (0.44 - 1.45)                       |
| Southwest                                 | *                   | (* - *)                               | 0.98                | (0.47 - 2.03)                         | 0.50              | (0.23 - 1.06)                       | 0.56              | (0.29 - 1.10)                       |
| <b>Delaware</b>                           | 0.10                | (0.04 - 0.27)                         | 1.94                | (1.24 - 3.01)                         | 0.95              | (0.60 - 1.52)                       | 1.09              | (0.73 - 1.63)                       |
| Kent                                      | *                   | (* - *)                               | 1.80                | (0.95 - 3.39)                         | 0.80              | (0.41 - 1.56)                       | 0.95              | (0.54 - 1.68)                       |
| New Castle (excluding<br>Wilmington City) | 0.12                | (0.04 - 0.33)                         | 2.10                | (1.27 - 3.47)                         | 1.01              | (0.60 - 1.72)                       | 1.17              | (0.75 - 1.83)                       |
| Sussex                                    | *                   | (* - *)                               | 2.03                | (1.11 - 3.70)                         | 0.75              | (0.40 - 1.41)                       | 0.88              | (0.50 - 1.53)                       |
| Wilmington City                           | *                   | (* - *)                               | *                   | (* - *)                               | 1.55              | (0.73 - 3.24)                       | 1.46              | (0.73 - 2.93)                       |
| <b>District of Columbia</b>               | 0.05                | (0.02 - 0.11)                         | 0.25                | (0.11 - 0.55)                         | 0.54              | (0.27 - 1.06)                       | 0.49              | (0.25 - 0.95)                       |
| Ward 1                                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.45              | (0.19 - 1.04)                       | 0.39              | (0.17 - 0.90)                       |
| Ward 2                                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.40              | (0.16 - 1.00)                       | 0.37              | (0.16 - 0.87)                       |
| Ward 3                                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.33              | (0.15 - 0.74)                       |
| Ward 4                                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.31              | (0.13 - 0.77)                       | 0.32              | (0.14 - 0.74)                       |
| Ward 5                                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.67              | (0.27 - 1.65)                       | 0.61              | (0.26 - 1.44)                       |
| Ward 6                                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.35              | (0.15 - 0.83)                       | 0.34              | (0.15 - 0.78)                       |
| Ward 7                                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.79              | (0.33 - 1.91)                       |
| Ward 8                                    | *                   | (* - *)                               | *                   | (* - *)                               | 1.03              | (0.44 - 2.40)                       | 0.85              | (0.37 - 1.96)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 0.10                | (0.05 - 0.21)                         | 0.66                | (0.45 - 0.97)                         | 0.22              | (0.14 - 0.35)                       | 0.27              | (0.18 - 0.41)                       |
| Broward (Circuit 17)                                                    | *                   | (* - *)                               | 0.57                | (0.31 - 1.04)                         | 0.21              | (0.10 - 0.43)                       | 0.25              | (0.14 - 0.46)                       |
| Central I                                                               | 0.11                | (0.05 - 0.27)                         | 0.61                | (0.37 - 0.99)                         | 0.24              | (0.13 - 0.42)                       | 0.29              | (0.18 - 0.47)                       |
| Circuit 9                                                               | *                   | (* - *)                               | 0.49                | (0.26 - 0.91)                         | 0.28              | (0.15 - 0.54)                       | 0.31              | (0.18 - 0.56)                       |
| Circuit 18                                                              | *                   | (* - *)                               | 0.84                | (0.46 - 1.53)                         | 0.17              | (0.09 - 0.35)                       | 0.25              | (0.15 - 0.44)                       |
| Central II                                                              | 0.11                | (0.05 - 0.27)                         | 0.71                | (0.46 - 1.10)                         | 0.21              | (0.12 - 0.35)                       | 0.26              | (0.17 - 0.41)                       |
| Circuit 6                                                               | *                   | (* - *)                               | 0.83                | (0.45 - 1.54)                         | 0.23              | (0.12 - 0.46)                       | 0.29              | (0.17 - 0.53)                       |
| Circuit 10                                                              | *                   | (* - *)                               | 0.67                | (0.37 - 1.23)                         | 0.19              | (0.09 - 0.38)                       | 0.25              | (0.14 - 0.44)                       |
| Circuit 12                                                              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.24              | (0.14 - 0.44)                       |
| Circuit 13 (Hillsborough)                                               | *                   | (* - *)                               | 0.49                | (0.26 - 0.92)                         | 0.22              | (0.11 - 0.46)                       | 0.26              | (0.14 - 0.47)                       |
| Circuit 20                                                              | *                   | (* - *)                               | *                   | (* - *)                               | 0.19              | (0.09 - 0.38)                       | 0.25              | (0.14 - 0.45)                       |
| Northeast                                                               | 0.11                | (0.04 - 0.26)                         | 0.66                | (0.43 - 1.04)                         | 0.23              | (0.13 - 0.38)                       | 0.28              | (0.18 - 0.44)                       |
| Circuit 4                                                               | *                   | (* - *)                               | *                   | (* - *)                               | 0.29              | (0.15 - 0.56)                       | 0.33              | (0.18 - 0.58)                       |
| Circuit 5                                                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.20              | (0.11 - 0.37)                       |
| Circuit 7                                                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.33              | (0.18 - 0.60)                       |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Northwest                                                               | *                   | (* - *)                               | 0.63                | (0.39 - 1.01)                         | 0.27              | (0.15 - 0.48)                       | 0.33              | (0.20 - 0.53)                       |
| Circuit 1                                                               | *                   | (* - *)                               | 0.82                | (0.45 - 1.48)                         | *                 | (* - *)                             | 0.35              | (0.20 - 0.61)                       |
| Circuit 2 plus Madison and<br>Taylor                                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.26              | (0.14 - 0.48)                       |
| Circuit 14                                                              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| South (Circuits 11 and 16)                                              | *                   | (* - *)                               | 0.53                | (0.28 - 1.02)                         | 0.18              | (0.09 - 0.38)                       | 0.23              | (0.12 - 0.41)                       |
| Southeast                                                               | *                   | (* - *)                               | 0.88                | (0.49 - 1.57)                         | 0.24              | (0.12 - 0.46)                       | 0.31              | (0.18 - 0.54)                       |
| Circuit 15 (Palm Beach)                                                 | *                   | (* - *)                               | 0.94                | (0.47 - 1.88)                         | 0.27              | (0.13 - 0.57)                       | 0.35              | (0.18 - 0.65)                       |
| Circuit 19                                                              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.23              | (0.13 - 0.41)                       |
| <b>Georgia</b>                                                          | 0.06                | (0.02 - 0.14)                         | 0.28                | (0.14 - 0.58)                         | 0.11              | (0.05 - 0.26)                       | 0.14              | (0.07 - 0.29)                       |
| Region 1                                                                | *                   | (* - *)                               | 0.36                | (0.16 - 0.81)                         | 0.09              | (0.03 - 0.23)                       | 0.12              | (0.05 - 0.28)                       |
| Region 2                                                                | *                   | (* - *)                               | *                   | (* - *)                               | 0.14              | (0.05 - 0.35)                       | 0.17              | (0.07 - 0.37)                       |
| Region 3                                                                | *                   | (* - *)                               | 0.18                | (0.08 - 0.42)                         | 0.10              | (0.04 - 0.27)                       | 0.11              | (0.05 - 0.27)                       |
| Region 4                                                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 5                                                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.17              | (0.07 - 0.39)                       |
| Region 6                                                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.14              | (0.06 - 0.33)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 0.06                | (0.02 - 0.15)                         | 0.55                | (0.27 - 1.11)                         | 0.18              | (0.08 - 0.41)                       | 0.23              | (0.11 - 0.46)                       |
| Hawaii Island                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.27              | (0.12 - 0.59)                       |
| Honolulu                        | *                   | (* - *)                               | 0.49                | (0.23 - 1.06)                         | 0.17              | (0.07 - 0.42)                       | 0.22              | (0.10 - 0.46)                       |
| Kauai                           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Maui                            | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.22              | (0.10 - 0.50)                       |
| <b>Idaho</b>                    | 0.08                | (0.04 - 0.17)                         | 0.62                | (0.34 - 1.11)                         | 0.26              | (0.13 - 0.51)                       | 0.31              | (0.17 - 0.57)                       |
| Region 1                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.33              | (0.16 - 0.67)                       |
| Region 2                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 3                        | *                   | (* - *)                               | 0.51                | (0.23 - 1.10)                         | 0.23              | (0.10 - 0.54)                       | 0.27              | (0.13 - 0.57)                       |
| Region 4                        | *                   | (* - *)                               | 0.61                | (0.30 - 1.23)                         | 0.29              | (0.13 - 0.62)                       | 0.33              | (0.16 - 0.66)                       |
| Region 5                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.31              | (0.15 - 0.65)                       |
| Region 6                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 7                        | *                   | (* - *)                               | *                   | (* - *)                               | 0.24              | (0.10 - 0.55)                       | 0.28              | (0.14 - 0.58)                       |
| <b>Illinois</b>                 | 0.08                | (0.04 - 0.15)                         | 0.54                | (0.34 - 0.85)                         | 0.26              | (0.16 - 0.44)                       | 0.30              | (0.19 - 0.48)                       |
| Region 1 (Cook)                 | 0.07                | (0.03 - 0.14)                         | 0.38                | (0.22 - 0.64)                         | 0.30              | (0.17 - 0.53)                       | 0.31              | (0.19 - 0.53)                       |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 1.4 (West Side)          | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.39              | (0.18 - 0.81)                       |
| Region 1.5 (South Side)         | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.56              | (0.25 - 1.23)                       |
| Region 1.6 (Southwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.31              | (0.15 - 0.63)                       |
| Region 1.7 (Suburban Cook)      | *                   | (* - *)                               | 0.49                | (0.26 - 0.91)                         | 0.20              | (0.10 - 0.40)                       | 0.23              | (0.13 - 0.43)                       |
| Region 2                        | 0.09                | (0.05 - 0.19)                         | 0.57                | (0.34 - 0.95)                         | 0.18              | (0.10 - 0.32)                       | 0.23              | (0.14 - 0.38)                       |
| Region 2a (DuPage)              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.22              | (0.12 - 0.41)                       |
| Region 2b                       | *                   | (* - *)                               | 0.49                | (0.25 - 0.93)                         | 0.15              | (0.07 - 0.31)                       | 0.20              | (0.11 - 0.36)                       |
| Region 2c (Winnebago)           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 2d                       | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.31              | (0.17 - 0.57)                       |
| Region 3                        | *                   | (* - *)                               | 0.64                | (0.36 - 1.14)                         | 0.29              | (0.15 - 0.56)                       | 0.34              | (0.19 - 0.61)                       |
| Region 3a (Champaign)           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 3b                       | *                   | (* - *)                               | 0.73                | (0.39 - 1.36)                         | 0.29              | (0.14 - 0.59)                       | 0.35              | (0.19 - 0.65)                       |
| Region 4                        | *                   | (* - *)                               | 0.82                | (0.45 - 1.50)                         | 0.29              | (0.15 - 0.57)                       | 0.37              | (0.21 - 0.64)                       |
| Region 4a (Sangamon)            | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 4b                       | *                   | (* - *)                               | *                   | (* - *)                               | 0.29              | (0.14 - 0.62)                       | 0.37              | (0.20 - 0.69)                       |
| Region 5                        | *                   | (* - *)                               | 0.77                | (0.43 - 1.38)                         | 0.31              | (0.17 - 0.57)                       | 0.37              | (0.22 - 0.64)                       |
| Region 5a                       | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.38              | (0.20 - 0.72)                       |
| Region 5b                       | *                   | (* - *)                               | 0.81                | (0.42 - 1.56)                         | 0.30              | (0.15 - 0.59)                       | 0.37              | (0.20 - 0.67)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 0.09                | (0.05 - 0.16)                         | 0.94                | (0.56 - 1.59)                         | 0.38              | (0.21 - 0.71)                       | 0.47              | (0.27 - 0.80)                       |
| Central                                     | *                   | (* - *)                               | 0.70                | (0.36 - 1.37)                         | 0.39              | (0.18 - 0.83)                       | 0.43              | (0.22 - 0.85)                       |
| East                                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.62              | (0.31 - 1.23)                       |
| North Central                               | *                   | (* - *)                               | 1.06                | (0.52 - 2.14)                         | 0.35              | (0.16 - 0.75)                       | 0.45              | (0.23 - 0.88)                       |
| Northeast                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.41              | (0.21 - 0.81)                       |
| Northwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.46              | (0.23 - 0.91)                       |
| Southeast                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.50              | (0.25 - 0.99)                       |
| Southwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.52              | (0.27 - 1.01)                       |
| West                                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.44              | (0.22 - 0.87)                       |
| <b>Iowa</b>                                 | 0.08                | (0.03 - 0.20)                         | 0.41                | (0.19 - 0.88)                         | 0.11              | (0.04 - 0.27)                       | 0.15              | (0.07 - 0.34)                       |
| Central                                     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.13              | (0.05 - 0.31)                       |
| North Central                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Northeast                                   | *                   | (* - *)                               | 0.45                | (0.19 - 1.08)                         | 0.10              | (0.04 - 0.30)                       | 0.16              | (0.07 - 0.37)                       |
| Northwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.17              | (0.07 - 0.39)                       |
| Southeast                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.15              | (0.06 - 0.37)                       |
| Southwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| <b>Kansas</b>                               | 0.07                | (0.03 - 0.17)                         | 0.41                | (0.19 - 0.86)                         | 0.15              | (0.06 - 0.35)                       | 0.19              | (0.09 - 0.40)                       |
| Northeast                                   | *                   | (* - *)                               | 0.35                | (0.15 - 0.80)                         | 0.13              | (0.05 - 0.33)                       | 0.16              | (0.07 - 0.37)                       |
| Northwest and North Central                 | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| South Central                               | *                   | (* - *)                               | 0.42                | (0.18 - 0.97)                         | 0.18              | (0.07 - 0.44)                       | 0.21              | (0.09 - 0.47)                       |
| Southeast                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Southwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| <b>Kentucky</b>                             | 0.09                | (0.04 - 0.18)                         | 0.95                | (0.56 - 1.61)                         | 0.48              | (0.28 - 0.85)                       | 0.55              | (0.33 - 0.92)                       |
| Adanta, Cumberland River,<br>and Lifeskills | *                   | (* - *)                               | *                   | (* - *)                               | 0.45              | (0.21 - 0.93)                       | 0.51              | (0.26 - 0.98)                       |
| Bluegrass, Comprehend, and<br>North Key     | *                   | (* - *)                               | 0.99                | (0.52 - 1.89)                         | 0.51              | (0.26 - 1.00)                       | 0.58              | (0.31 - 1.06)                       |
| Centerstone                                 | *                   | (* - *)                               | 0.91                | (0.46 - 1.82)                         | 0.52              | (0.25 - 1.08)                       | 0.58              | (0.30 - 1.11)                       |
| Communicare and River Valley                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.50              | (0.25 - 1.01)                       |
| Four Rivers and Pennyroyal                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.52              | (0.27 - 1.02)                       |
| Kentucky River, Mountain,<br>and Pathways   | *                   | (* - *)                               | *                   | (* - *)                               | 0.50              | (0.23 - 1.06)                       | 0.56              | (0.29 - 1.11)                       |

See notes at end of table.

(continued)



**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 0.06                | (0.03 - 0.15)                         | 0.32                | (0.15 - 0.70)                         | 0.15              | (0.06 - 0.36)                       | 0.18              | (0.08 - 0.38)                       |
| Regions 1 and 10      | *                   | (* - *)                               | *                   | (* - *)                               | 0.19              | (0.07 - 0.48)                       | 0.20              | (0.08 - 0.47)                       |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 10 (Jefferson) | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Regions 2 and 9       | *                   | (* - *)                               | 0.32                | (0.13 - 0.76)                         | 0.13              | (0.05 - 0.34)                       | 0.16              | (0.07 - 0.37)                       |
| Region 3              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Regions 4, 5, and 6   | *                   | (* - *)                               | *                   | (* - *)                               | 0.15              | (0.06 - 0.40)                       | 0.18              | (0.08 - 0.43)                       |
| Regions 7 and 8       | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.18              | (0.07 - 0.44)                       |
| <b>Maine</b>          | 0.08                | (0.04 - 0.17)                         | 1.17                | (0.70 - 1.95)                         | 0.41              | (0.23 - 0.73)                       | 0.50              | (0.30 - 0.84)                       |
| Aroostook/Downeast    | *                   | (* - *)                               | 1.26                | (0.68 - 2.31)                         | 0.42              | (0.22 - 0.81)                       | 0.51              | (0.29 - 0.92)                       |
| Aroostook             | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.56              | (0.29 - 1.09)                       |
| Downeast              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Central               | *                   | (* - *)                               | *                   | (* - *)                               | 0.44              | (0.21 - 0.92)                       | 0.54              | (0.29 - 1.03)                       |
| Cumberland            | *                   | (* - *)                               | 1.02                | (0.51 - 2.01)                         | 0.44              | (0.21 - 0.90)                       | 0.51              | (0.27 - 0.96)                       |
| Midcoast              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.38              | (0.19 - 0.75)                       |
| Penquis               | *                   | (* - *)                               | 1.11                | (0.57 - 2.16)                         | 0.52              | (0.25 - 1.07)                       | 0.61              | (0.32 - 1.14)                       |
| Western               | *                   | (* - *)                               | 1.11                | (0.55 - 2.23)                         | 0.40              | (0.19 - 0.84)                       | 0.49              | (0.26 - 0.93)                       |
| York                  | *                   | (* - *)                               | 1.24                | (0.63 - 2.41)                         | 0.37              | (0.18 - 0.76)                       | 0.46              | (0.25 - 0.88)                       |
| <b>Maryland</b>       | 0.10                | (0.05 - 0.19)                         | 0.95                | (0.56 - 1.61)                         | 0.57              | (0.34 - 0.96)                       | 0.62              | (0.38 - 1.01)                       |
| Anne Arundel          | *                   | (* - *)                               | *                   | (* - *)                               | 0.52              | (0.25 - 1.08)                       | 0.61              | (0.32 - 1.17)                       |
| Baltimore City        | *                   | (* - *)                               | *                   | (* - *)                               | 1.59              | (0.78 - 3.22)                       | 1.40              | (0.71 - 2.78)                       |
| Baltimore County      | *                   | (* - *)                               | *                   | (* - *)                               | 0.51              | (0.25 - 1.03)                       | 0.57              | (0.31 - 1.07)                       |
| Montgomery            | *                   | (* - *)                               | 0.79                | (0.38 - 1.61)                         | 0.24              | (0.11 - 0.51)                       | 0.30              | (0.15 - 0.58)                       |
| North Central         | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.45              | (0.23 - 0.86)                       |
| Northeast             | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.75              | (0.39 - 1.46)                       |
| Prince George's       | *                   | (* - *)                               | *                   | (* - *)                               | 0.34              | (0.15 - 0.76)                       | 0.35              | (0.17 - 0.72)                       |
| South                 | *                   | (* - *)                               | *                   | (* - *)                               | 0.57              | (0.28 - 1.15)                       | 0.67              | (0.36 - 1.25)                       |
| West                  | *                   | (* - *)                               | *                   | (* - *)                               | 0.71              | (0.35 - 1.42)                       | 0.81              | (0.43 - 1.52)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 0.09                | (0.04 - 0.19)                         | 0.62                | (0.33 - 1.13)                         | 0.30              | (0.15 - 0.59)                       | 0.34              | (0.19 - 0.64)                       |
| Boston                | *                   | (* - *)                               | *                   | (* - *)                               | 0.59              | (0.26 - 1.35)                       | 0.53              | (0.24 - 1.16)                       |
| Central               | *                   | (* - *)                               | *                   | (* - *)                               | 0.31              | (0.14 - 0.71)                       | 0.38              | (0.19 - 0.78)                       |
| Metrowest             | *                   | (* - *)                               | *                   | (* - *)                               | 0.18              | (0.08 - 0.42)                       | 0.23              | (0.11 - 0.47)                       |
| Northeast             | *                   | (* - *)                               | 0.66                | (0.30 - 1.47)                         | 0.22              | (0.10 - 0.50)                       | 0.28              | (0.13 - 0.58)                       |
| Southeast             | *                   | (* - *)                               | 0.80                | (0.38 - 1.68)                         | 0.29              | (0.13 - 0.65)                       | 0.35              | (0.17 - 0.72)                       |
| Western               | *                   | (* - *)                               | 0.68                | (0.32 - 1.47)                         | *                 | (* - *)                             | 0.42              | (0.20 - 0.86)                       |
| <b>Michigan</b>       | 0.08                | (0.04 - 0.16)                         | 0.67                | (0.45 - 1.00)                         | 0.35              | (0.22 - 0.55)                       | 0.40              | (0.27 - 0.59)                       |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.41              | (0.24 - 0.72)                       |
| Region 2              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.32              | (0.17 - 0.58)                       |
| Region 3              | *                   | (* - *)                               | 0.56                | (0.29 - 1.05)                         | 0.29              | (0.15 - 0.56)                       | 0.33              | (0.18 - 0.58)                       |
| Region 4              | *                   | (* - *)                               | 0.73                | (0.40 - 1.33)                         | 0.32              | (0.17 - 0.61)                       | 0.38              | (0.22 - 0.66)                       |
| Region 5              | *                   | (* - *)                               | 0.63                | (0.35 - 1.11)                         | 0.28              | (0.15 - 0.53)                       | 0.34              | (0.20 - 0.58)                       |
| Region 6              | *                   | (* - *)                               | 0.72                | (0.39 - 1.33)                         | 0.31              | (0.16 - 0.61)                       | 0.38              | (0.22 - 0.67)                       |
| Region 7              | *                   | (* - *)                               | 0.51                | (0.28 - 0.92)                         | 0.52              | (0.27 - 1.01)                       | 0.52              | (0.29 - 0.94)                       |
| Region 8              | *                   | (* - *)                               | 0.68                | (0.36 - 1.26)                         | 0.36              | (0.19 - 0.69)                       | 0.40              | (0.22 - 0.71)                       |
| Region 9              | *                   | (* - *)                               | 0.83                | (0.45 - 1.52)                         | 0.31              | (0.16 - 0.60)                       | 0.38              | (0.21 - 0.67)                       |
| Region 10             | *                   | (* - *)                               | 0.78                | (0.42 - 1.44)                         | 0.40              | (0.21 - 0.76)                       | 0.45              | (0.25 - 0.79)                       |
| <b>Minnesota</b>      | 0.09                | (0.04 - 0.20)                         | 0.65                | (0.33 - 1.26)                         | 0.20              | (0.10 - 0.44)                       | 0.27              | (0.13 - 0.53)                       |
| Regions 1 and 2       | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.32              | (0.15 - 0.68)                       |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 2              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Regions 3 and 4       | *                   | (* - *)                               | *                   | (* - *)                               | 0.23              | (0.10 - 0.54)                       | 0.30              | (0.14 - 0.64)                       |
| Region 3              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 4              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.29              | (0.13 - 0.66)                       |
| Regions 5 and 6       | *                   | (* - *)                               | 0.82                | (0.39 - 1.70)                         | *                 | (* - *)                             | 0.30              | (0.14 - 0.62)                       |
| Region 5              | *                   | (* - *)                               | 0.81                | (0.36 - 1.78)                         | *                 | (* - *)                             | 0.31              | (0.14 - 0.68)                       |
| Region 6              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 7              | *                   | (* - *)                               | 0.51                | (0.25 - 1.04)                         | 0.19              | (0.09 - 0.42)                       | 0.23              | (0.11 - 0.48)                       |
| Region 7A (Hennepin)  | *                   | (* - *)                               | *                   | (* - *)                               | 0.20              | (0.08 - 0.47)                       | 0.23              | (0.10 - 0.50)                       |
| Region 7B (Ramsey)    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.30              | (0.13 - 0.67)                       |
| Region 7C             | *                   | (* - *)                               | *                   | (* - *)                               | 0.15              | (0.06 - 0.38)                       | 0.21              | (0.10 - 0.47)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 0.05                | (0.02 - 0.11)                         | 0.40                | (0.19 - 0.81)                         | 0.17              | (0.07 - 0.37)                       | 0.20              | (0.10-0.42)                         |
| Region 1                               | *                   | (* - *)                               | 0.48                | (0.21 - 1.12)                         | 0.14              | (0.05 - 0.36)                       | 0.19              | (0.09-0.43)                         |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.21              | (0.08-0.51)                         |
| Region 3                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.20              | (0.09-0.46)                         |
| Region 4                               | *                   | (* - *)                               | *                   | (* - *)                               | 0.20              | (0.08 - 0.54)                       | 0.21              | (0.09-0.52)                         |
| Region 5                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 6                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.20              | (0.09-0.47)                         |
| Region 7                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.21              | (0.09-0.48)                         |
| <b>Missouri</b>                        | 0.08                | (0.04 - 0.14)                         | 0.68                | (0.38 - 1.22)                         | 0.28              | (0.14 - 0.54)                       | 0.34              | (0.18-0.62)                         |
| Central                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.32              | (0.16-0.67)                         |
| Eastern                                | *                   | (* - *)                               | 0.64                | (0.34 - 1.22)                         | 0.29              | (0.14 - 0.62)                       | 0.34              | (0.17-0.67)                         |
| Eastern (St. Louis City and<br>County) | *                   | (* - *)                               | *                   | (* - *)                               | 0.33              | (0.15 - 0.76)                       | 0.36              | (0.17-0.76)                         |
| Eastern (excluding St. Louis)          | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.31              | (0.15-0.64)                         |
| Northwest                              | *                   | (* - *)                               | 0.68                | (0.34 - 1.34)                         | 0.27              | (0.13 - 0.56)                       | 0.32              | (0.17-0.63)                         |
| Northwest (Jackson)                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.31              | (0.13 - 0.72)                       | 0.35              | (0.16-0.73)                         |
| Northwest (excluding Jackson)          | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.31              | (0.15-0.64)                         |
| Southeast                              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.38              | (0.18-0.78)                         |
| Southwest                              | *                   | (* - *)                               | 0.82                | (0.38 - 1.75)                         | *                 | (* - *)                             | 0.33              | (0.16-0.68)                         |
| <b>Montana</b>                         | 0.08                | (0.03 - 0.18)                         | 0.77                | (0.42 - 1.40)                         | 0.23              | (0.11 - 0.48)                       | 0.30              | (0.16-0.58)                         |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 2                               | *                   | (* - *)                               | 0.78                | (0.37 - 1.63)                         | 0.29              | (0.12 - 0.71)                       | 0.36              | (0.17-0.77)                         |
| Region 3                               | *                   | (* - *)                               | 0.77                | (0.37 - 1.61)                         | 0.19              | (0.08 - 0.46)                       | 0.27              | (0.13-0.56)                         |
| Region 4                               | *                   | (* - *)                               | 0.65                | (0.31 - 1.35)                         | 0.21              | (0.09 - 0.51)                       | 0.28              | (0.13-0.58)                         |
| Region 5                               | *                   | (* - *)                               | 0.83                | (0.41 - 1.69)                         | 0.23              | (0.10 - 0.53)                       | 0.31              | (0.15-0.63)                         |
| <b>Nebraska</b>                        | 0.08                | (0.04 - 0.19)                         | 0.53                | (0.27 - 1.05)                         | 0.19              | (0.08 - 0.42)                       | 0.24              | (0.12-0.48)                         |
| Regions 1 and 2                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 3                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.26              | (0.12-0.57)                         |
| Region 4                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.25              | (0.11-0.57)                         |
| Region 5                               | *                   | (* - *)                               | *                   | (* - *)                               | 0.19              | (0.08 - 0.48)                       | 0.24              | (0.11-0.53)                         |
| Region 6                               | *                   | (* - *)                               | 0.42                | (0.19 - 0.91)                         | 0.18              | (0.07 - 0.46)                       | 0.22              | (0.10-0.48)                         |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 0.08                | (0.04 - 0.17)                         | 0.73                | (0.38 - 1.38)                         | 0.27              | (0.12 - 0.57)                       | 0.33              | (0.17 - 0.64)                       |
| Clark – Region 1        | 0.07                | (0.03 - 0.16)                         | 0.62                | (0.30 - 1.27)                         | 0.23              | (0.10 - 0.53)                       | 0.28              | (0.14 - 0.59)                       |
| Region 3                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.42              | (0.20 - 0.87)                       |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Washoe – Region 2       | *                   | (* - *)                               | 0.97                | (0.44 - 2.12)                         | 0.37              | (0.15 - 0.88)                       | 0.45              | (0.21 - 0.97)                       |
| <b>New Hampshire</b>    | 0.12                | (0.06 - 0.26)                         | 1.58                | (1.00 - 2.50)                         | 0.56              | (0.33 - 0.97)                       | 0.70              | (0.44 - 1.12)                       |
| Central                 | *                   | (* - *)                               | 1.63                | (0.98 - 2.70)                         | 0.49              | (0.27 - 0.90)                       | 0.66              | (0.40 - 1.09)                       |
| Central 1               | *                   | (* - *)                               | 1.48                | (0.81 - 2.68)                         | 0.51              | (0.26 - 1.00)                       | 0.66              | (0.38 - 1.17)                       |
| Central 2               | *                   | (* - *)                               | 1.81                | (1.00 - 3.27)                         | 0.48              | (0.24 - 0.95)                       | 0.65              | (0.37 - 1.15)                       |
| Northern                | *                   | (* - *)                               | 1.78                | (0.94 - 3.36)                         | 0.49              | (0.24 - 1.02)                       | 0.67              | (0.37 - 1.23)                       |
| Southern                | 0.13                | (0.06 - 0.28)                         | 1.51                | (0.89 - 2.56)                         | 0.61              | (0.34 - 1.11)                       | 0.73              | (0.44 - 1.22)                       |
| Southern 1 (Rockingham) | *                   | (* - *)                               | 1.53                | (0.79 - 2.92)                         | 0.42              | (0.20 - 0.85)                       | 0.55              | (0.30 - 1.01)                       |
| Southern 2              | *                   | (* - *)                               | 1.50                | (0.82 - 2.72)                         | 0.74              | (0.38 - 1.43)                       | 0.84              | (0.48 - 1.49)                       |
| <b>New Jersey</b>       | 0.11                | (0.05 - 0.22)                         | 1.15                | (0.73 - 1.81)                         | 0.62              | (0.39 - 0.98)                       | 0.69              | (0.45 - 1.04)                       |
| Central                 | *                   | (* - *)                               | 1.32                | (0.71 - 2.43)                         | 0.50              | (0.26 - 0.96)                       | 0.61              | (0.34 - 1.06)                       |
| Metropolitan            | *                   | (* - *)                               | 0.80                | (0.41 - 1.52)                         | 0.72              | (0.38 - 1.34)                       | 0.73              | (0.41 - 1.29)                       |
| Northern                | 0.11                | (0.05 - 0.25)                         | 1.14                | (0.64 - 1.99)                         | 0.61              | (0.34 - 1.09)                       | 0.68              | (0.41 - 1.13)                       |
| Southern                | *                   | (* - *)                               | 1.44                | (0.81 - 2.54)                         | 0.63              | (0.35 - 1.14)                       | 0.74              | (0.44 - 1.24)                       |
| <b>New Mexico</b>       | 0.09                | (0.04 - 0.21)                         | 0.55                | (0.28 - 1.09)                         | 0.20              | (0.09 - 0.44)                       | 0.25              | (0.13 - 0.50)                       |
| Region 1                | *                   | (* - *)                               | *                   | (* - *)                               | 0.16              | (0.06 - 0.42)                       | 0.21              | (0.09 - 0.47)                       |
| Region 2                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.23              | (0.10 - 0.52)                       |
| Region 3 (Bernalillo)   | *                   | (* - *)                               | 0.59                | (0.27 - 1.30)                         | 0.23              | (0.10 - 0.54)                       | 0.28              | (0.13 - 0.59)                       |
| Region 4                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.29              | (0.13 - 0.64)                       |
| Region 5                | *                   | (* - *)                               | 0.58                | (0.28 - 1.21)                         | 0.19              | (0.08 - 0.45)                       | 0.25              | (0.12 - 0.53)                       |
| Region 5a               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.24              | (0.11 - 0.54)                       |
| Region 5b (Dona Ana)    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.26              | (0.12 - 0.59)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 0.10                | (0.05 - 0.17)                         | 0.71                | (0.48 - 1.05)                         | 0.47              | (0.32 - 0.70)                       | 0.51              | (0.35 - 0.72)                       |
| Region 1: Long Island                          | *                   | (* - *)                               | 0.82                | (0.46 - 1.43)                         | 0.30              | (0.16 - 0.56)                       | 0.37              | (0.22 - 0.62)                       |
| Region 2: New York City                        | 0.10                | (0.04 - 0.24)                         | 0.51                | (0.32 - 0.80)                         | 0.53              | (0.33 - 0.85)                       | 0.53              | (0.34 - 0.81)                       |
| Region 2A: Bronx                               | *                   | (* - *)                               | 0.29                | (0.14 - 0.59)                         | 0.62              | (0.30 - 1.31)                       | 0.57              | (0.28 - 1.13)                       |
| Region 2B: Kings                               | *                   | (* - *)                               | 0.42                | (0.23 - 0.79)                         | 0.65              | (0.35 - 1.19)                       | 0.61              | (0.35 - 1.08)                       |
| Region 2C: New York                            | *                   | (* - *)                               | 0.56                | (0.30 - 1.03)                         | 0.55              | (0.27 - 1.10)                       | 0.55              | (0.30 - 1.03)                       |
| Region 2D: Queens                              | *                   | (* - *)                               | 0.62                | (0.32 - 1.18)                         | 0.36              | (0.18 - 0.73)                       | 0.40              | (0.22 - 0.72)                       |
| Region 2E: Richmond                            | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.48              | (0.27 - 0.87)                       |
| Region 3: Mid-Hudson                           | *                   | (* - *)                               | 0.76                | (0.42 - 1.38)                         | 0.34              | (0.18 - 0.63)                       | 0.40              | (0.23 - 0.68)                       |
| Region 4: Capital Region                       | *                   | (* - *)                               | 0.90                | (0.49 - 1.65)                         | 0.48              | (0.26 - 0.88)                       | 0.54              | (0.32 - 0.92)                       |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 7: Tug Hill Seaway                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.54              | (0.31 - 0.96)                       |
| Region 8: Central                              | *                   | (* - *)                               | 1.03                | (0.54 - 1.93)                         | 0.61              | (0.33 - 1.14)                       | 0.68              | (0.39 - 1.17)                       |
| Region 9: Southern Tier                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.48              | (0.28 - 0.83)                       |
| Region 10: Finger Lakes                        | *                   | (* - *)                               | 0.83                | (0.45 - 1.54)                         | 0.45              | (0.24 - 0.84)                       | 0.51              | (0.30 - 0.88)                       |
| Region 11: Western                             | *                   | (* - *)                               | 0.89                | (0.49 - 1.61)                         | 0.58              | (0.32 - 1.05)                       | 0.63              | (0.37 - 1.05)                       |
| <b>North Carolina</b>                          | 0.08                | (0.04 - 0.16)                         | 0.75                | (0.46 - 1.24)                         | 0.29              | (0.16 - 0.51)                       | 0.35              | (0.21 - 0.59)                       |
| Alliance Behavioral<br>Healthcare 1            | *                   | (* - *)                               | *                   | (* - *)                               | 0.32              | (0.15 - 0.70)                       | 0.35              | (0.17 - 0.69)                       |
| Alliance Behavioral<br>Healthcare 2            | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.25              | (0.13 - 0.50)                       |
| Cardinal Innovations<br>Healthcare Solutions 1 | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.38              | (0.20 - 0.74)                       |
| Cardinal Innovations<br>Healthcare Solutions 2 | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.34              | (0.18 - 0.64)                       |
| Cardinal Innovations<br>Healthcare Solutions 3 | *                   | (* - *)                               | *                   | (* - *)                               | 0.26              | (0.12 - 0.55)                       | 0.28              | (0.14 - 0.56)                       |
| CenterPoint Human Services                     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.37              | (0.19 - 0.72)                       |
| Eastpointe                                     | *                   | (* - *)                               | *                   | (* - *)                               | 0.31              | (0.14 - 0.68)                       | 0.35              | (0.18 - 0.70)                       |
| Partners Behavioral Health<br>Management       | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.37              | (0.20 - 0.72)                       |
| Sandhills Center 1                             | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Sandhills Center 2                             | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.38              | (0.20 - 0.73)                       |
| Smoky Mountain Center 1                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.43              | (0.22 - 0.82)                       |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.41              | (0.21 - 0.79)                       |
| Trillium Health Resources 1                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.41              | (0.21 - 0.78)                       |
| Trillium Health Resources 2                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 0.09                | (0.04 - 0.22)                         | 0.49                | (0.24 - 0.99)                         | 0.19              | (0.08 - 0.42)                       | 0.24              | (0.12 - 0.49)                       |
| Badlands and West Central     | *                   | (* - *)                               | 0.60                | (0.28 - 1.32)                         | 0.17              | (0.07 - 0.41)                       | 0.23              | (0.11 - 0.50)                       |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| West Central                  | *                   | (* - *)                               | *                   | (* - *)                               | 0.16              | (0.06 - 0.42)                       | 0.23              | (0.10 - 0.51)                       |
| Lake Region                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| North Central                 | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.25              | (0.11 - 0.57)                       |
| Northeast                     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.27              | (0.12 - 0.61)                       |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| South Central                 | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Southeast                     | *                   | (* - *)                               | 0.37                | (0.16 - 0.83)                         | 0.22              | (0.09 - 0.54)                       | 0.25              | (0.11 - 0.55)                       |
| <b>Ohio</b>                   | 0.08                | (0.04 - 0.15)                         | 0.79                | (0.52 - 1.20)                         | 0.34              | (0.22 - 0.52)                       | 0.40              | (0.27 - 0.59)                       |
| Boards 2, 46, 55, and 68      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.41              | (0.23 - 0.73)                       |
| Boards 3, 52, and 85          | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Boards 4 and 78               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.40              | (0.22 - 0.70)                       |
| Boards 5 and 60               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.43              | (0.24 - 0.78)                       |
| Boards 7, 15, 41, 79, and 84  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.41              | (0.23 - 0.73)                       |
| Boards 8, 13, and 83          | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Board 9 (Butler)              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Board 12                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Boards 18 and 47              | *                   | (* - *)                               | 0.62                | (0.33 - 1.16)                         | 0.35              | (0.18 - 0.71)                       | 0.39              | (0.21 - 0.70)                       |
| Boards 20, 32, 54, and 69     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.44              | (0.25 - 0.78)                       |
| Boards 21, 39, 51, 70, and 80 | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.34              | (0.19 - 0.60)                       |
| Boards 22, 74, and 87         | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.38              | (0.22 - 0.67)                       |
| Boards 23 and 45              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.44              | (0.25 - 0.77)                       |
| Board 25 (Franklin)           | *                   | (* - *)                               | 0.39                | (0.20 - 0.76)                         | 0.31              | (0.16 - 0.60)                       | 0.32              | (0.18 - 0.58)                       |
| Boards 27, 71, and 73         | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.45              | (0.26 - 0.80)                       |
| Boards 28, 43, and 67         | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.36              | (0.20 - 0.65)                       |
| Board 31 (Hamilton)           | *                   | (* - *)                               | 0.81                | (0.43 - 1.52)                         | 0.42              | (0.22 - 0.82)                       | 0.48              | (0.27 - 0.85)                       |
| Board 48 (Lucas)              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.43              | (0.25 - 0.76)                       |
| Boards 50 and 76              | *                   | (* - *)                               | *                   | (* - *)                               | 0.38              | (0.20 - 0.73)                       | 0.45              | (0.26 - 0.78)                       |
| Board 57 (Montgomery)         | *                   | (* - *)                               | *                   | (* - *)                               | 0.38              | (0.19 - 0.76)                       | 0.43              | (0.24 - 0.78)                       |
| Board 77 (Summit)             | *                   | (* - *)                               | *                   | (* - *)                               | 0.38              | (0.19 - 0.75)                       | 0.43              | (0.24 - 0.78)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 0.06                | (0.03 - 0.13)                         | 0.55                | (0.29 - 1.03)                         | 0.21              | (0.10 - 0.43)                       | 0.26              | (0.14 - 0.49)                       |
| Central                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.20              | (0.09 - 0.43)                       |
| East Central                          | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.27              | (0.13 - 0.57)                       |
| Northeast                             | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.25              | (0.12 - 0.53)                       |
| Northwest and Southwest               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.29              | (0.14 - 0.62)                       |
| Oklahoma County                       | *                   | (* - *)                               | *                   | (* - *)                               | 0.23              | (0.10 - 0.55)                       | 0.25              | (0.12 - 0.56)                       |
| Southeast                             | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.27              | (0.13 - 0.58)                       |
| Tulsa County                          | *                   | (* - *)                               | *                   | (* - *)                               | 0.25              | (0.11 - 0.56)                       | 0.28              | (0.14 - 0.59)                       |
| <b>Oregon</b>                         | 0.08                | (0.04 - 0.17)                         | 0.94                | (0.55 - 1.61)                         | 0.39              | (0.22 - 0.71)                       | 0.47              | (0.27 - 0.79)                       |
| Region 1 (Multnomah)                  | *                   | (* - *)                               | *                   | (* - *)                               | 0.47              | (0.22 - 1.00)                       | 0.48              | (0.24 - 0.96)                       |
| Region 2                              | *                   | (* - *)                               | 0.85                | (0.43 - 1.68)                         | 0.34              | (0.16 - 0.72)                       | 0.41              | (0.21 - 0.78)                       |
| Region 3                              | *                   | (* - *)                               | 1.14                | (0.59 - 2.18)                         | 0.41              | (0.20 - 0.83)                       | 0.52              | (0.28 - 0.95)                       |
| Region 4                              | *                   | (* - *)                               | 1.02                | (0.51 - 2.04)                         | 0.34              | (0.16 - 0.74)                       | 0.42              | (0.21 - 0.83)                       |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 6 (Eastern)                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.53              | (0.27 - 1.04)                       |
| <b>Pennsylvania</b>                   | 0.11                | (0.06 - 0.21)                         | 1.16                | (0.81 - 1.64)                         | 0.58              | (0.40 - 0.83)                       | 0.66              | (0.48 - 0.91)                       |
| Region 1 (Allegheny)                  | *                   | (* - *)                               | 1.17                | (0.66 - 2.08)                         | 0.68              | (0.38 - 1.20)                       | 0.74              | (0.44 - 1.23)                       |
| Regions 3, 8, 9, and 51               | *                   | (* - *)                               | 1.41                | (0.80 - 2.49)                         | 0.56              | (0.30 - 1.03)                       | 0.67              | (0.40 - 1.14)                       |
| Regions 4, 11, 37, and 49             | *                   | (* - *)                               | 1.37                | (0.77 - 2.45)                         | 0.45              | (0.24 - 0.83)                       | 0.57              | (0.34 - 0.95)                       |
| Regions 5, 18, 23, 24, and 46         | *                   | (* - *)                               | 1.33                | (0.75 - 2.34)                         | 0.50              | (0.28 - 0.89)                       | 0.61              | (0.37 - 1.00)                       |
| Regions 6, 12, 16, 31, 35, 45, and 47 | *                   | (* - *)                               | 1.03                | (0.57 - 1.85)                         | 0.59              | (0.31 - 1.09)                       | 0.67              | (0.39 - 1.13)                       |
| Regions 7, 13, 20, and 33             | 0.12                | (0.05 - 0.26)                         | 1.00                | (0.57 - 1.74)                         | 0.38              | (0.21 - 0.67)                       | 0.46              | (0.28 - 0.75)                       |
| Regions 10, 15, 27, 32, 43, and 44    | *                   | (* - *)                               | *                   | (* - *)                               | 0.56              | (0.30 - 1.02)                       | 0.65              | (0.38 - 1.11)                       |
| Regions 17 and 21                     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.70              | (0.41 - 1.19)                       |
| Regions 19, 26, 28, and 42            | *                   | (* - *)                               | 1.63                | (0.96 - 2.75)                         | 0.60              | (0.35 - 1.05)                       | 0.74              | (0.46 - 1.19)                       |
| Regions 22, 38, 40, 41, and 48        | *                   | (* - *)                               | 1.45                | (0.83 - 2.53)                         | 0.53              | (0.29 - 0.95)                       | 0.63              | (0.38 - 1.05)                       |
| Regions 29 and 34                     | *                   | (* - *)                               | *                   | (* - *)                               | 0.50              | (0.27 - 0.93)                       | 0.62              | (0.36 - 1.06)                       |
| Regions 30 and 50                     | *                   | (* - *)                               | 1.40                | (0.78 - 2.52)                         | 0.56              | (0.31 - 1.03)                       | 0.67              | (0.40 - 1.12)                       |
| Region 36 (Philadelphia)              | *                   | (* - *)                               | 0.45                | (0.25 - 0.79)                         | 1.02              | (0.57 - 1.85)                       | 0.92              | (0.53 - 1.61)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 0.09                | (0.04 - 0.18)                         | 0.90                | (0.51 - 1.59)                         | 0.46              | (0.25 - 0.87)                       | 0.53              | (0.30 - 0.94)                       |
| Region 1: Southern Providence<br>County                   | *                   | (* - *)                               | *                   | (* - *)                               | 0.39              | (0.17 - 0.87)                       | 0.47              | (0.23 - 0.95)                       |
| Region 2: Northern Providence<br>County/Blackstone Valley | *                   | (* - *)                               | 0.86                | (0.42 - 1.75)                         | 0.48              | (0.22 - 1.03)                       | 0.53              | (0.27 - 1.05)                       |
| Region 3: Providence                                      | *                   | (* - *)                               | 0.76                | (0.37 - 1.57)                         | 0.69              | (0.31 - 1.53)                       | 0.71              | (0.35 - 1.41)                       |
| Region 4: Kent County                                     | *                   | (* - *)                               | 1.06                | (0.52 - 2.16)                         | 0.41              | (0.19 - 0.89)                       | 0.48              | (0.24 - 0.97)                       |
| Region 5: East Bay                                        | *                   | (* - *)                               | *                   | (* - *)                               | 0.45              | (0.21 - 0.99)                       | 0.55              | (0.28 - 1.09)                       |
| Region 6: Newport County                                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.46              | (0.23 - 0.96)                       |
| Region 7: South County                                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.41              | (0.18 - 0.91)                       | 0.48              | (0.24 - 0.97)                       |
| <b>South Carolina</b>                                     | 0.06                | (0.03 - 0.14)                         | 0.57                | (0.30 - 1.07)                         | 0.22              | (0.11 - 0.45)                       | 0.27              | (0.14 - 0.51)                       |
| Region 1                                                  | *                   | (* - *)                               | 0.67                | (0.32 - 1.40)                         | 0.22              | (0.10 - 0.50)                       | 0.29              | (0.14 - 0.58)                       |
| Region 2                                                  | *                   | (* - *)                               | 0.47                | (0.22 - 1.02)                         | 0.22              | (0.09 - 0.49)                       | 0.25              | (0.12 - 0.53)                       |
| Region 3                                                  | *                   | (* - *)                               | *                   | (* - *)                               | 0.23              | (0.10 - 0.53)                       | 0.27              | (0.12 - 0.57)                       |
| Region 4                                                  | *                   | (* - *)                               | 0.55                | (0.26 - 1.19)                         | 0.23              | (0.10 - 0.51)                       | 0.27              | (0.13 - 0.56)                       |
| <b>South Dakota</b>                                       | 0.08                | (0.04 - 0.19)                         | 0.62                | (0.33 - 1.19)                         | 0.21              | (0.10 - 0.44)                       | 0.27              | (0.14 - 0.52)                       |
| Region 1                                                  | *                   | (* - *)                               | 0.76                | (0.35 - 1.66)                         | 0.21              | (0.09 - 0.51)                       | 0.29              | (0.14 - 0.61)                       |
| Region 2                                                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 3                                                  | *                   | (* - *)                               | 0.64                | (0.29 - 1.40)                         | 0.20              | (0.08 - 0.49)                       | 0.27              | (0.13 - 0.58)                       |
| Region 4                                                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.28              | (0.13 - 0.61)                       |
| Region 5                                                  | *                   | (* - *)                               | 0.47                | (0.21 - 1.02)                         | 0.22              | (0.09 - 0.52)                       | 0.25              | (0.12 - 0.54)                       |
| <b>Tennessee</b>                                          | 0.08                | (0.04 - 0.16)                         | 0.61                | (0.33 - 1.12)                         | 0.23              | (0.11 - 0.48)                       | 0.29              | (0.15 - 0.54)                       |
| Region 1                                                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.30              | (0.14 - 0.64)                       |
| Region 2                                                  | *                   | (* - *)                               | 0.80                | (0.37 - 1.72)                         | 0.24              | (0.10 - 0.54)                       | 0.31              | (0.15 - 0.64)                       |
| Region 3                                                  | *                   | (* - *)                               | *                   | (* - *)                               | 0.22              | (0.09 - 0.52)                       | 0.29              | (0.14 - 0.61)                       |
| Region 4 (Davidson)                                       | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 5                                                  | *                   | (* - *)                               | 0.66                | (0.32 - 1.37)                         | 0.20              | (0.09 - 0.48)                       | 0.27              | (0.13 - 0.55)                       |
| Region 6                                                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.31              | (0.14 - 0.65)                       |
| Region 7 (Shelby)                                         | *                   | (* - *)                               | *                   | (* - *)                               | 0.28              | (0.11 - 0.70)                       | 0.28              | (0.12 - 0.65)                       |

See notes at end of table.

(continued)



**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 0.07                | (0.03 - 0.13)                         | 0.50                | (0.32 - 0.78)                         | 0.15              | (0.09 - 0.28)                       | 0.21              | (0.13 - 0.34)                       |
| Region 1                                                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.29              | (0.15 - 0.55)                       |
| Region 2                                                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.32              | (0.17 - 0.60)                       |
| Region 3                                                    | 0.07                | (0.03 - 0.14)                         | 0.52                | (0.30 - 0.88)                         | 0.15              | (0.08 - 0.29)                       | 0.20              | (0.12 - 0.35)                       |
| Region 3a                                                   | *                   | (* - *)                               | 0.46                | (0.25 - 0.86)                         | 0.13              | (0.06 - 0.28)                       | 0.18              | (0.10 - 0.33)                       |
| Region 3bc                                                  | *                   | (* - *)                               | 0.62                | (0.33 - 1.15)                         | 0.18              | (0.09 - 0.38)                       | 0.25              | (0.13 - 0.45)                       |
| Region 4                                                    | *                   | (* - *)                               | *                   | (* - *)                               | 0.20              | (0.09 - 0.44)                       | 0.27              | (0.14 - 0.52)                       |
| Region 5                                                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.28              | (0.14 - 0.54)                       |
| Region 6                                                    | 0.07                | (0.03 - 0.15)                         | 0.46                | (0.26 - 0.84)                         | 0.14              | (0.07 - 0.29)                       | 0.19              | (0.10 - 0.34)                       |
| Region 6a                                                   | *                   | (* - *)                               | 0.45                | (0.24 - 0.86)                         | 0.14              | (0.06 - 0.29)                       | 0.18              | (0.10 - 0.34)                       |
| Region 6bc                                                  | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 7                                                    | *                   | (* - *)                               | 0.47                | (0.27 - 0.83)                         | 0.16              | (0.08 - 0.32)                       | 0.21              | (0.12 - 0.38)                       |
| Region 7a                                                   | *                   | (* - *)                               | 0.43                | (0.22 - 0.84)                         | 0.13              | (0.06 - 0.30)                       | 0.18              | (0.09 - 0.35)                       |
| Region 7bcd                                                 | *                   | (* - *)                               | *                   | (* - *)                               | 0.22              | (0.10 - 0.46)                       | 0.28              | (0.15 - 0.52)                       |
| Region 8                                                    | *                   | (* - *)                               | 0.47                | (0.25 - 0.90)                         | 0.14              | (0.06 - 0.31)                       | 0.19              | (0.10 - 0.37)                       |
| Region 9                                                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 10                                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 11                                                   | *                   | (* - *)                               | 0.34                | (0.18 - 0.66)                         | 0.12              | (0.06 - 0.26)                       | 0.16              | (0.08 - 0.30)                       |
| Region 11abd                                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.18              | (0.09 - 0.35)                       |
| Region 11c (Hidalgo)                                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| <b>Utah</b>                                                 | 0.10                | (0.05 - 0.21)                         | 0.57                | (0.30 - 1.07)                         | 0.29              | (0.15 - 0.58)                       | 0.34              | (0.18 - 0.63)                       |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.33              | (0.15 - 0.71)                       |
| Central, Four Corners, San<br>Juan, and Southwest           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.42              | (0.21 - 0.84)                       |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Southwest                                                   | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Davis County                                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Salt Lake County                                            | *                   | (* - *)                               | 0.58                | (0.27 - 1.22)                         | 0.30              | (0.14 - 0.65)                       | 0.34              | (0.17 - 0.70)                       |
| Utah County                                                 | *                   | (* - *)                               | 0.43                | (0.19 - 0.97)                         | 0.29              | (0.13 - 0.67)                       | 0.32              | (0.16 - 0.68)                       |
| Weber, Morgan                                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.35              | (0.16 - 0.75)                       |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 0.13                | (0.06 - 0.29)                         | 1.70                | (1.03 - 2.80)                         | 0.61              | (0.36 - 1.04)                       | 0.78              | (0.49 - 1.23)                       |
| Champlain Valley                      | *                   | (* - *)                               | 1.25                | (0.67 - 2.32)                         | 0.57              | (0.30 - 1.09)                       | 0.69              | (0.40 - 1.20)                       |
| Rural Northeast                       | *                   | (* - *)                               | 2.26                | (1.18 - 4.29)                         | 0.66              | (0.33 - 1.30)                       | 0.88              | (0.49 - 1.57)                       |
| Rural Southeast                       | *                   | (* - *)                               | 1.77                | (0.92 - 3.37)                         | 0.61              | (0.31 - 1.20)                       | 0.75              | (0.42 - 1.34)                       |
| Rural Southwest                       | *                   | (* - *)                               | 2.25                | (1.14 - 4.40)                         | 0.65              | (0.32 - 1.34)                       | 0.88              | (0.48 - 1.61)                       |
| <b>Virginia</b>                       | 0.08                | (0.04 - 0.20)                         | 0.81                | (0.50 - 1.31)                         | 0.35              | (0.20 - 0.60)                       | 0.41              | (0.26 - 0.67)                       |
| Region 1                              | *                   | (* - *)                               | 1.03                | (0.54 - 1.95)                         | 0.32              | (0.16 - 0.65)                       | 0.43              | (0.24 - 0.78)                       |
| Region 2                              | *                   | (* - *)                               | 0.56                | (0.28 - 1.09)                         | 0.21              | (0.10 - 0.46)                       | 0.25              | (0.13 - 0.49)                       |
| Region 3                              | *                   | (* - *)                               | 1.12                | (0.61 - 2.04)                         | 0.46              | (0.24 - 0.89)                       | 0.56              | (0.32 - 0.98)                       |
| Region 4                              | *                   | (* - *)                               | 0.75                | (0.38 - 1.45)                         | 0.47              | (0.23 - 0.95)                       | 0.51              | (0.27 - 0.95)                       |
| Region 5                              | *                   | (* - *)                               | 0.72                | (0.38 - 1.37)                         | 0.37              | (0.19 - 0.75)                       | 0.43              | (0.24 - 0.78)                       |
| <b>Washington</b>                     | 0.09                | (0.05 - 0.17)                         | 0.84                | (0.47 - 1.47)                         | 0.43              | (0.23 - 0.80)                       | 0.48              | (0.27 - 0.86)                       |
| Region 1                              | *                   | (* - *)                               | 0.87                | (0.46 - 1.64)                         | 0.48              | (0.23 - 0.98)                       | 0.54              | (0.29 - 1.03)                       |
| Greater Columbia and North<br>Central | *                   | (* - *)                               | 0.71                | (0.34 - 1.47)                         | 0.48              | (0.22 - 1.07)                       | 0.52              | (0.26 - 1.06)                       |
| Spokane                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.57              | (0.29 - 1.15)                       |
| Region 2                              | *                   | (* - *)                               | 0.76                | (0.40 - 1.43)                         | 0.38              | (0.19 - 0.75)                       | 0.43              | (0.23 - 0.80)                       |
| King                                  | *                   | (* - *)                               | 0.58                | (0.29 - 1.19)                         | 0.37              | (0.17 - 0.78)                       | 0.40              | (0.20 - 0.78)                       |
| North Sound                           | *                   | (* - *)                               | 1.04                | (0.50 - 2.16)                         | 0.41              | (0.19 - 0.88)                       | 0.49              | (0.25 - 0.98)                       |
| Region 3                              | *                   | (* - *)                               | 0.92                | (0.50 - 1.68)                         | 0.45              | (0.23 - 0.90)                       | 0.52              | (0.28 - 0.97)                       |
| Pierce                                | *                   | (* - *)                               | 0.67                | (0.32 - 1.42)                         | 0.49              | (0.22 - 1.09)                       | 0.52              | (0.25 - 1.08)                       |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| SW WA and Great Rivers                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.55              | (0.27 - 1.12)                       |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |

See notes at end of table.

(continued)

**Table 5 Heroin Use in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 0.08                | (0.04 - 0.17)                         | 1.16                | (0.71 - 1.89)                         | 0.46              | (0.27 - 0.78)                       | 0.55              | (0.34 - 0.88)                       |
| Region I                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.54              | (0.29 - 1.01)                       |
| Region II                     | *                   | (* - *)                               | *                   | (* - *)                               | 0.40              | (0.20 - 0.81)                       | 0.51              | (0.27 - 0.93)                       |
| Region III                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.52              | (0.27 - 1.00)                       |
| Region IV                     | *                   | (* - *)                               | 0.94                | (0.48 - 1.80)                         | 0.43              | (0.21 - 0.85)                       | 0.51              | (0.28 - 0.93)                       |
| Region V                      | *                   | (* - *)                               | 1.34                | (0.71 - 2.52)                         | 0.56              | (0.29 - 1.09)                       | 0.65              | (0.36 - 1.18)                       |
| Region VI                     | *                   | (* - *)                               | 1.12                | (0.57 - 2.16)                         | 0.39              | (0.19 - 0.81)                       | 0.48              | (0.26 - 0.89)                       |
| <b>Wisconsin</b>              | 0.10                | (0.05 - 0.21)                         | 0.75                | (0.42 - 1.36)                         | 0.29              | (0.15 - 0.55)                       | 0.35              | (0.20 - 0.64)                       |
| Milwaukee                     | *                   | (* - *)                               | *                   | (* - *)                               | 0.43              | (0.19 - 0.97)                       | 0.42              | (0.20 - 0.90)                       |
| Northeastern                  | *                   | (* - *)                               | 0.87                | (0.42 - 1.80)                         | 0.27              | (0.12 - 0.60)                       | 0.35              | (0.17 - 0.70)                       |
| Northern                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.36              | (0.18 - 0.72)                       |
| Southeastern                  | *                   | (* - *)                               | 0.82                | (0.40 - 1.69)                         | 0.22              | (0.10 - 0.49)                       | 0.30              | (0.15 - 0.60)                       |
| Southern                      | *                   | (* - *)                               | 0.74                | (0.36 - 1.52)                         | 0.29              | (0.13 - 0.66)                       | 0.36              | (0.18 - 0.72)                       |
| Western                       | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.36              | (0.17 - 0.73)                       |
| <b>Wyoming</b>                | 0.08                | (0.03 - 0.18)                         | 0.59                | (0.29 - 1.17)                         | 0.19              | (0.09 - 0.43)                       | 0.25              | (0.12 - 0.50)                       |
| Judicial District 1 (Laramie) | *                   | (* - *)                               | *                   | (* - *)                               | 0.22              | (0.09 - 0.54)                       | 0.27              | (0.12 - 0.60)                       |
| Judicial District 2           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.22              | (0.10 - 0.51)                       |
| Judicial District 3           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.24              | (0.11 - 0.55)                       |
| Judicial District 4           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Judicial District 5           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Judicial District 6           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.26              | (0.11 - 0.59)                       |
| Judicial District 7 (Natrona) | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 0.26              | (0.12 - 0.58)                       |
| Judicial District 8           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Judicial District 9           | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 6** *Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs*

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 10.12               | (9.76 - 10.48)                        | 58.36               | (57.70 - 59.02)                       | 55.56             | (55.11 - 56.01)                     | 55.96             | (55.56 - 56.37)                     |
| <b>Northeast</b>           | 11.77               | (11.06 - 12.51)                       | 63.74               | (62.54 - 64.93)                       | 60.31             | (59.38 - 61.23)                     | 60.79             | (59.95 - 61.62)                     |
| <b>Midwest</b>             | 10.24               | (9.69 - 10.82)                        | 62.11               | (61.10 - 63.11)                       | 58.77             | (57.93 - 59.61)                     | 59.25             | (58.49 - 60.01)                     |
| <b>South</b>               | 9.40                | (8.93 - 9.89)                         | 55.25               | (54.37 - 56.14)                       | 51.62             | (50.90 - 52.34)                     | 52.14             | (51.49 - 52.78)                     |
| <b>West</b>                | 10.00               | (9.38 - 10.66)                        | 55.91               | (54.80 - 57.02)                       | 55.30             | (54.43 - 56.17)                     | 55.39             | (54.61 - 56.17)                     |
| <b>Alabama</b>             | 8.74                | (7.22 - 10.55)                        | 51.56               | (48.31 - 54.80)                       | 44.49             | (41.69 - 47.33)                     | 45.50             | (43.00 - 48.03)                     |
| Region 1                   | 8.92                | (6.82 - 11.58)                        | 47.34               | (41.86 - 52.87)                       | 38.76             | (34.46 - 43.24)                     | 39.87             | (35.90 - 43.98)                     |
| Region 2                   | 9.00                | (6.91 - 11.63)                        | 56.95               | (51.52 - 62.23)                       | 49.64             | (45.23 - 54.07)                     | 50.71             | (46.71 - 54.70)                     |
| Region 3                   | 7.72                | (5.74 - 10.32)                        | 51.02               | (45.05 - 56.97)                       | 44.32             | (39.37 - 49.38)                     | 45.46             | (40.91 - 50.09)                     |
| Region 4                   | 8.94                | (6.82 - 11.64)                        | 48.76               | (42.84 - 54.72)                       | 44.58             | (39.79 - 49.47)                     | 45.14             | (40.67 - 49.68)                     |
| <b>Alaska</b>              | 10.32               | (8.55 - 12.42)                        | 59.86               | (56.42 - 63.20)                       | 58.00             | (55.36 - 60.60)                     | 58.29             | (55.92 - 60.63)                     |
| Anchorage                  | 9.94                | (7.79 - 12.61)                        | 60.13               | (55.33 - 64.75)                       | 59.93             | (56.28 - 63.48)                     | 59.97             | (56.67 - 63.17)                     |
| Northern                   | 9.47                | (7.15 - 12.45)                        | 56.13               | (49.88 - 62.20)                       | 54.48             | (49.72 - 59.15)                     | 54.78             | (50.38 - 59.10)                     |
| South Central              | 11.20               | (8.74 - 14.26)                        | 61.40               | (55.66 - 66.85)                       | 56.55             | (52.09 - 60.90)                     | 57.24             | (53.14 - 61.24)                     |
| Southeast                  | 11.54               | (8.57 - 15.36)                        | *                   | (* - *)                               | 61.20             | (55.20 - 66.88)                     | 61.73             | (56.05 - 67.11)                     |
| <b>Arizona</b>             | 9.35                | (7.71 - 11.29)                        | 56.28               | (52.88 - 59.61)                       | 56.19             | (53.40 - 58.94)                     | 56.20             | (53.67 - 58.70)                     |
| Central                    | 9.65                | (7.67 - 12.07)                        | 59.00               | (54.81 - 63.06)                       | 59.65             | (56.40 - 62.82)                     | 59.56             | (56.59 - 62.45)                     |
| North                      | 8.36                | (6.17 - 11.24)                        | *                   | (* - *)                               | 45.88             | (39.81 - 52.07)                     | 46.21             | (40.50 - 52.03)                     |
| South                      | 9.04                | (7.14 - 11.39)                        | 53.80               | (48.40 - 59.11)                       | 53.40             | (48.86 - 57.88)                     | 53.46             | (49.24 - 57.63)                     |
| South A                    | 9.34                | (7.09 - 12.21)                        | 56.19               | (49.34 - 62.81)                       | 55.37             | (49.98 - 60.63)                     | 55.49             | (50.46 - 60.40)                     |
| South B                    | 8.73                | (6.49 - 11.67)                        | *                   | (* - *)                               | 50.98             | (44.73 - 57.20)                     | 50.97             | (45.10 - 56.82)                     |
| <b>Arkansas</b>            | 9.55                | (8.01 - 11.35)                        | 51.71               | (48.17 - 55.23)                       | 43.10             | (40.27 - 45.99)                     | 44.34             | (41.77 - 46.93)                     |
| Catchment Area 1           | 9.47                | (7.19 - 12.39)                        | *                   | (* - *)                               | 49.22             | (43.69 - 54.77)                     | 50.25             | (45.10 - 55.39)                     |
| Catchment Area 2           | 9.95                | (7.49 - 13.10)                        | *                   | (* - *)                               | 38.50             | (33.03 - 44.29)                     | 39.39             | (34.19 - 44.83)                     |
| Catchment Area 3           | 8.18                | (6.11 - 10.87)                        | 45.15               | (38.69 - 51.78)                       | 34.62             | (29.77 - 39.81)                     | 36.16             | (31.59 - 40.99)                     |
| Catchment Area 4           | 9.50                | (7.16 - 12.50)                        | *                   | (* - *)                               | 37.36             | (31.96 - 43.09)                     | 38.61             | (33.47 - 44.01)                     |
| Catchment Area 5           | 10.12               | (7.73 - 13.13)                        | 55.57               | (49.29 - 61.68)                       | 43.66             | (38.29 - 49.19)                     | 45.59             | (40.65 - 50.61)                     |
| Catchment Area 6           | 8.64                | (6.48 - 11.42)                        | *                   | (* - *)                               | 36.60             | (31.04 - 42.53)                     | 38.04             | (32.79 - 43.59)                     |
| Catchment Area 7           | 8.68                | (6.46 - 11.57)                        | *                   | (* - *)                               | 35.67             | (29.76 - 42.05)                     | 37.07             | (31.35 - 43.16)                     |
| Catchment Area 8           | 10.64               | (8.08 - 13.88)                        | 59.43               | (52.75 - 65.77)                       | 53.99             | (48.69 - 59.20)                     | 54.70             | (49.72 - 59.58)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 10.13               | (9.11 - 11.25)                        | 55.64               | (53.94 - 57.33)                       | 54.21             | (52.88 - 55.53)                     | 54.43             | (53.25 - 55.59)                     |
| Region 1R                   | 12.92               | (9.99 - 16.55)                        | 63.73               | (57.34 - 69.67)                       | 58.23             | (52.62 - 63.62)                     | 59.01             | (53.82 - 64.01)                     |
| Region 2R                   | 11.90               | (9.34 - 15.05)                        | 63.27               | (57.19 - 68.95)                       | 61.32             | (56.42 - 66.00)                     | 61.61             | (57.04 - 65.99)                     |
| Region 3R (Sacramento)      | 9.76                | (7.52 - 12.57)                        | 56.30               | (50.37 - 62.05)                       | 52.37             | (47.77 - 56.92)                     | 52.94             | (48.65 - 57.20)                     |
| Region 4R                   | 11.34               | (8.89 - 14.36)                        | 60.86               | (54.41 - 66.96)                       | 61.03             | (56.32 - 65.54)                     | 61.01             | (56.54 - 65.30)                     |
| Region 5R (San Francisco)   | *                   | (* - *)                               | 73.42               | (67.25 - 78.79)                       | 65.32             | (59.74 - 70.51)                     | 66.12             | (60.77 - 71.08)                     |
| Region 6 (Santa Clara)      | 8.98                | (7.09 - 11.31)                        | 55.64               | (49.87 - 61.25)                       | 55.97             | (51.68 - 60.17)                     | 55.93             | (51.90 - 59.88)                     |
| Region 7R (Contra Costa)    | 11.21               | (8.70 - 14.32)                        | 62.07               | (55.65 - 68.09)                       | 61.36             | (56.70 - 65.83)                     | 61.46             | (57.01 - 65.72)                     |
| Region 8R (Alameda)         | 9.53                | (7.40 - 12.18)                        | 58.25               | (52.12 - 64.13)                       | 54.45             | (49.79 - 59.03)                     | 54.95             | (50.56 - 59.26)                     |
| Region 9R (San Mateo)       | 10.69               | (8.21 - 13.81)                        | *                   | (* - *)                               | 60.07             | (54.54 - 65.34)                     | 60.11             | (54.82 - 65.18)                     |
| Region 10                   | 10.45               | (8.11 - 13.37)                        | 59.85               | (53.39 - 65.98)                       | 57.56             | (52.29 - 62.67)                     | 57.94             | (53.04 - 62.70)                     |
| Region 11 (Los Angeles)     | 9.43                | (8.23 - 10.79)                        | 53.02               | (50.36 - 55.65)                       | 50.29             | (48.23 - 52.36)                     | 50.71             | (48.83 - 52.58)                     |
| LA SPA 1 and 5              | 10.68               | (8.33 - 13.59)                        | 61.72               | (55.88 - 67.24)                       | 59.24             | (53.98 - 64.29)                     | 59.61             | (54.71 - 64.33)                     |
| LA SPA 2                    | 10.20               | (8.12 - 12.73)                        | 55.95               | (50.59 - 61.17)                       | 54.78             | (50.66 - 58.85)                     | 54.95             | (51.14 - 58.70)                     |
| LA SPA 3                    | 8.52                | (6.53 - 11.04)                        | 51.40               | (45.37 - 57.39)                       | 45.69             | (40.97 - 50.50)                     | 46.54             | (42.14 - 50.98)                     |
| LA SPA 4                    | 9.10                | (6.92 - 11.88)                        | 57.22               | (50.53 - 63.67)                       | 51.18             | (45.66 - 56.67)                     | 51.99             | (46.72 - 57.21)                     |
| LA SPA 6                    | 8.55                | (6.58 - 11.04)                        | 42.48               | (36.24 - 48.97)                       | 38.57             | (33.67 - 43.72)                     | 39.35             | (34.78 - 44.12)                     |
| LA SPA 7                    | 8.98                | (6.95 - 11.53)                        | 46.86               | (40.46 - 53.36)                       | 44.26             | (39.24 - 49.39)                     | 44.69             | (39.99 - 49.49)                     |
| LA SPA 8                    | 9.99                | (7.84 - 12.63)                        | 56.09               | (50.16 - 61.86)                       | 53.52             | (48.97 - 58.01)                     | 53.89             | (49.64 - 58.08)                     |
| Region 12R                  | 10.40               | (7.99 - 13.44)                        | *                   | (* - *)                               | 49.29             | (43.58 - 55.03)                     | 49.83             | (44.45 - 55.22)                     |
| Regions 13 and 19R          | 10.12               | (8.04 - 12.65)                        | 49.31               | (44.32 - 54.32)                       | 51.08             | (47.05 - 55.11)                     | 50.79             | (47.11 - 54.46)                     |
| Region 14 (Orange)          | 10.55               | (8.47 - 13.06)                        | 59.14               | (53.95 - 64.14)                       | 58.81             | (54.81 - 62.69)                     | 58.85             | (55.15 - 62.46)                     |
| Region 15R (Fresno)         | 10.39               | (7.98 - 13.42)                        | 53.11               | (46.43 - 59.68)                       | 47.81             | (42.61 - 53.05)                     | 48.75             | (43.80 - 53.72)                     |
| Region 16R (San Diego)      | 10.79               | (8.71 - 13.31)                        | 60.82               | (56.00 - 65.44)                       | 60.47             | (56.92 - 63.90)                     | 60.52             | (57.27 - 63.68)                     |
| Region 17R                  | 9.50                | (7.44 - 12.05)                        | 47.09               | (41.51 - 52.74)                       | 45.02             | (40.70 - 49.41)                     | 45.38             | (41.41 - 49.42)                     |
| Region 18R (San Bernardino) | 9.37                | (7.45 - 11.73)                        | 47.82               | (42.40 - 53.29)                       | 46.83             | (42.55 - 51.15)                     | 47.00             | (43.09 - 50.95)                     |
| Region 20R                  | 9.86                | (7.60 - 12.68)                        | 47.31               | (40.60 - 54.12)                       | 46.90             | (41.62 - 52.25)                     | 46.97             | (42.00 - 52.00)                     |
| Region 21R                  | 12.13               | (9.27 - 15.71)                        | *                   | (* - *)                               | 58.93             | (53.66 - 64.01)                     | 59.66             | (54.65 - 64.47)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 11.86               | (10.03 - 13.98)                       | 64.42               | (61.31 - 67.41)                       | 62.60             | (59.86 - 65.26)                     | 62.86             | (60.43 - 65.24)                     |
| Region 1                                  | 13.18               | (10.15 - 16.94)                       | 71.29               | (65.41 - 76.52)                       | 65.38             | (60.35 - 70.10)                     | 66.24             | (61.61 - 70.57)                     |
| Region 2                                  | 10.99               | (8.15 - 14.67)                        | *                   | (* - *)                               | 57.26             | (50.76 - 63.51)                     | 57.80             | (51.73 - 63.65)                     |
| Region 3                                  | 12.71               | (10.04 - 15.97)                       | 63.44               | (57.67 - 68.85)                       | 64.83             | (60.45 - 68.97)                     | 64.63             | (60.61 - 68.46)                     |
| Region 4                                  | 10.53               | (7.70 - 14.25)                        | *                   | (* - *)                               | 48.66             | (42.24 - 55.12)                     | 49.02             | (42.90 - 55.17)                     |
| Region 5                                  | 9.55                | (7.17 - 12.61)                        | 62.22               | (55.73 - 68.29)                       | 62.69             | (57.19 - 67.89)                     | 62.63             | (57.48 - 67.50)                     |
| Region 6                                  | 12.12               | (9.28 - 15.66)                        | 70.81               | (64.97 - 76.04)                       | 67.71             | (62.89 - 72.18)                     | 68.15             | (63.71 - 72.29)                     |
| Region 7                                  | 11.19               | (8.50 - 14.59)                        | *                   | (* - *)                               | 58.25             | (52.67 - 63.62)                     | 58.63             | (53.47 - 63.60)                     |
| <b>Connecticut</b>                        | 11.49               | (9.61 - 13.68)                        | 66.34               | (62.82 - 69.69)                       | 64.54             | (61.63 - 67.35)                     | 64.79             | (62.19 - 67.31)                     |
| Eastern                                   | 11.39               | (8.58 - 14.98)                        | *                   | (* - *)                               | 61.63             | (55.74 - 67.19)                     | 62.41             | (57.00 - 67.52)                     |
| North Central                             | 10.90               | (8.39 - 14.04)                        | 65.61               | (59.68 - 71.08)                       | 66.00             | (61.56 - 70.18)                     | 65.95             | (61.85 - 69.83)                     |
| Northwestern                              | 11.84               | (9.06 - 15.33)                        | 64.29               | (57.73 - 70.36)                       | 62.08             | (56.63 - 67.25)                     | 62.36             | (57.31 - 67.16)                     |
| South Central                             | 11.39               | (8.78 - 14.65)                        | 68.29               | (62.35 - 73.69)                       | 64.86             | (59.88 - 69.53)                     | 65.34             | (60.79 - 69.64)                     |
| Southwest                                 | 12.10               | (9.16 - 15.81)                        | 66.85               | (60.62 - 72.54)                       | 66.03             | (60.55 - 71.11)                     | 66.14             | (61.06 - 70.87)                     |
| <b>Delaware</b>                           | 9.65                | (8.01 - 11.59)                        | 59.11               | (55.81 - 62.32)                       | 57.88             | (54.99 - 60.72)                     | 58.05             | (55.45 - 60.60)                     |
| Kent                                      | 9.84                | (7.51 - 12.80)                        | 56.51               | (50.08 - 62.73)                       | 54.31             | (49.10 - 59.42)                     | 54.64             | (49.84 - 59.36)                     |
| New Castle (excluding<br>Wilmington City) | 9.69                | (7.66 - 12.20)                        | 63.04               | (58.85 - 67.04)                       | 61.09             | (57.43 - 64.63)                     | 61.37             | (58.09 - 64.56)                     |
| Sussex                                    | 10.01               | (7.61 - 13.07)                        | 52.78               | (45.97 - 59.48)                       | 54.67             | (49.60 - 59.64)                     | 54.48             | (49.68 - 59.20)                     |
| Wilmington City                           | 8.05                | (5.87 - 10.95)                        | *                   | (* - *)                               | 55.05             | (48.34 - 61.58)                     | 54.68             | (48.32 - 60.90)                     |
| <b>District of Columbia</b>               | 10.77               | (8.88 - 13.00)                        | 73.00               | (69.88 - 75.90)                       | 71.68             | (69.10 - 74.13)                     | 71.91             | (69.64 - 74.06)                     |
| Ward 1                                    | *                   | (* - *)                               | 82.13               | (76.89 - 86.39)                       | 78.89             | (73.99 - 83.08)                     | 79.48             | (75.02 - 83.32)                     |
| Ward 2                                    | *                   | (* - *)                               | 82.03               | (77.04 - 86.13)                       | 83.09             | (78.88 - 86.61)                     | 82.82             | (79.01 - 86.06)                     |
| Ward 3                                    | 14.86               | (11.12 - 19.59)                       | 84.58               | (79.50 - 88.58)                       | 83.35             | (78.98 - 86.97)                     | 83.56             | (79.48 - 86.95)                     |
| Ward 4                                    | 11.99               | (8.98 - 15.83)                        | *                   | (* - *)                               | 68.74             | (63.27 - 73.73)                     | 68.82             | (63.55 - 73.64)                     |
| Ward 5                                    | 9.56                | (6.99 - 12.94)                        | *                   | (* - *)                               | 64.16             | (58.58 - 69.37)                     | 64.95             | (59.78 - 69.78)                     |
| Ward 6                                    | 11.30               | (8.46 - 14.95)                        | 83.69               | (79.44 - 87.20)                       | 79.61             | (75.46 - 83.22)                     | 80.12             | (76.29 - 83.46)                     |
| Ward 7                                    | 8.28                | (6.08 - 11.19)                        | *                   | (* - *)                               | 52.73             | (46.57 - 58.81)                     | 52.33             | (46.67 - 57.94)                     |
| Ward 8                                    | 9.87                | (7.38 - 13.09)                        | *                   | (* - *)                               | 58.14             | (52.46 - 63.61)                     | 57.39             | (52.16 - 62.47)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 9.83                | (8.77 - 11.01)                        | 57.54               | (55.54 - 59.51)                       | 57.69             | (56.07 - 59.30)                     | 57.67             | (56.22 - 59.11)                     |
| Broward (Circuit 17)                                                    | 9.51                | (7.52 - 11.97)                        | 58.66               | (53.36 - 63.77)                       | 58.59             | (54.04 - 62.99)                     | 58.60             | (54.39 - 62.68)                     |
| Central I                                                               | 9.82                | (8.25 - 11.65)                        | 60.37               | (56.56 - 64.06)                       | 57.83             | (54.56 - 61.04)                     | 58.19             | (55.21 - 61.12)                     |
| Circuit 9                                                               | 9.05                | (7.25 - 11.25)                        | 59.15               | (54.54 - 63.60)                       | 54.22             | (50.04 - 58.35)                     | 55.00             | (51.22 - 58.72)                     |
| Circuit 18                                                              | 11.07               | (8.73 - 13.93)                        | 62.71               | (56.58 - 68.45)                       | 62.88             | (58.00 - 67.51)                     | 62.86             | (58.30 - 67.20)                     |
| Central II                                                              | 9.73                | (8.40 - 11.25)                        | 57.25               | (54.11 - 60.34)                       | 59.18             | (56.77 - 61.55)                     | 58.97             | (56.73 - 61.17)                     |
| Circuit 6                                                               | 10.35               | (8.13 - 13.07)                        | 60.57               | (54.78 - 66.07)                       | 63.38             | (58.83 - 67.70)                     | 63.10             | (58.80 - 67.20)                     |
| Circuit 10                                                              | 9.28                | (7.22 - 11.86)                        | 50.77               | (44.65 - 56.88)                       | 50.58             | (45.65 - 55.50)                     | 50.60             | (46.00 - 55.19)                     |
| Circuit 12                                                              | 10.36               | (8.03 - 13.27)                        | 60.62               | (53.79 - 67.06)                       | 63.23             | (57.96 - 68.21)                     | 62.99             | (57.94 - 67.77)                     |
| Circuit 13 (Hillsborough)                                               | 9.48                | (7.50 - 11.91)                        | 59.04               | (53.52 - 64.35)                       | 58.41             | (54.22 - 62.47)                     | 58.50             | (54.61 - 62.27)                     |
| Circuit 20                                                              | 9.28                | (7.14 - 11.98)                        | *                   | (* - *)                               | 57.37             | (52.30 - 62.28)                     | 56.99             | (52.12 - 61.72)                     |
| Northeast                                                               | 10.08               | (8.59 - 11.81)                        | 56.57               | (53.06 - 60.02)                       | 56.76             | (53.95 - 59.52)                     | 56.73             | (54.15 - 59.27)                     |
| Circuit 4                                                               | 9.12                | (7.10 - 11.65)                        | 57.99               | (52.01 - 63.74)                       | 58.37             | (53.50 - 63.07)                     | 58.32             | (53.82 - 62.68)                     |
| Circuit 5                                                               | 10.66               | (8.30 - 13.60)                        | 52.38               | (45.85 - 58.83)                       | 56.05             | (51.04 - 60.94)                     | 55.71             | (50.94 - 60.38)                     |
| Circuit 7                                                               | 10.87               | (8.44 - 13.89)                        | 57.52               | (51.12 - 63.67)                       | 58.94             | (53.63 - 64.05)                     | 58.78             | (53.77 - 63.61)                     |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | 10.03               | (7.66 - 13.02)                        | *                   | (* - *)                               | 50.82             | (45.17 - 56.45)                     | 52.16             | (46.83 - 57.44)                     |
| Northwest                                                               | 10.72               | (8.90 - 12.86)                        | 64.18               | (60.34 - 67.85)                       | 57.60             | (54.01 - 61.10)                     | 58.65             | (55.42 - 61.82)                     |
| Circuit 1                                                               | 10.10               | (7.81 - 12.97)                        | 61.98               | (56.25 - 67.39)                       | 56.12             | (50.79 - 61.31)                     | 56.95             | (52.07 - 61.70)                     |
| Circuit 2 plus Madison and<br>Taylor                                    | 12.09               | (9.15 - 15.80)                        | 70.23               | (64.38 - 75.49)                       | 63.99             | (58.37 - 69.25)                     | 65.32             | (60.26 - 70.05)                     |
| Circuit 14                                                              | *                   | (* - *)                               | *                   | (* - *)                               | 52.45             | (45.88 - 58.94)                     | 52.74             | (46.50 - 58.89)                     |
| South (Circuits 11 and 16)                                              | 9.37                | (7.53 - 11.61)                        | 52.66               | (47.93 - 57.33)                       | 52.95             | (49.34 - 56.54)                     | 52.92             | (49.59 - 56.21)                     |
| Southeast                                                               | 9.94                | (8.20 - 12.01)                        | 55.40               | (50.72 - 59.98)                       | 60.64             | (56.80 - 64.35)                     | 60.07             | (56.45 - 63.57)                     |
| Circuit 15 (Palm Beach)                                                 | 9.52                | (7.48 - 12.04)                        | 55.15               | (49.33 - 60.84)                       | 61.43             | (56.62 - 66.02)                     | 60.74             | (56.23 - 65.07)                     |
| Circuit 19                                                              | 10.86               | (8.44 - 13.87)                        | *                   | (* - *)                               | 58.91             | (53.31 - 64.29)                     | 58.60             | (53.25 - 63.74)                     |
| <b>Georgia</b>                                                          | 7.88                | (6.60 - 9.38)                         | 54.44               | (51.63 - 57.21)                       | 51.39             | (49.04 - 53.74)                     | 51.84             | (49.74 - 53.94)                     |
| Region 1                                                                | 7.88                | (6.12 - 10.09)                        | 52.04               | (46.99 - 57.05)                       | 51.83             | (48.02 - 55.61)                     | 51.85             | (48.36 - 55.33)                     |
| Region 2                                                                | 8.20                | (6.22 - 10.74)                        | 56.81               | (51.12 - 62.33)                       | 50.08             | (45.33 - 54.84)                     | 51.20             | (46.85 - 55.52)                     |
| Region 3                                                                | 7.57                | (5.89 - 9.68)                         | 57.24               | (52.56 - 61.79)                       | 56.30             | (52.34 - 60.19)                     | 56.44             | (52.83 - 59.97)                     |
| Region 4                                                                | 8.77                | (6.45 - 11.83)                        | *                   | (* - *)                               | 45.40             | (39.64 - 51.29)                     | 46.35             | (40.88 - 51.91)                     |
| Region 5                                                                | 7.84                | (5.92 - 10.31)                        | 53.28               | (46.95 - 59.51)                       | 45.37             | (40.13 - 50.71)                     | 46.68             | (41.82 - 51.60)                     |
| Region 6                                                                | 7.90                | (6.00 - 10.34)                        | 52.84               | (46.66 - 58.92)                       | 48.62             | (43.81 - 53.45)                     | 49.25             | (44.77 - 53.74)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 9.67                | (7.93 - 11.73)                        | 54.76               | (51.25 - 58.23)                       | 47.51             | (44.72 - 50.32)                     | 48.46             | (45.95 - 50.97)                     |
| Hawaii Island                   | 10.22               | (7.60 - 13.61)                        | *                   | (* - *)                               | 45.97             | (40.58 - 51.46)                     | 46.36             | (41.29 - 51.51)                     |
| Honolulu                        | 9.44                | (7.52 - 11.77)                        | 56.17               | (52.06 - 60.20)                       | 47.50             | (44.26 - 50.76)                     | 48.67             | (45.75 - 51.59)                     |
| Kauai                           | 10.56               | (7.70 - 14.31)                        | *                   | (* - *)                               | 51.45             | (45.04 - 57.82)                     | 51.98             | (45.88 - 58.03)                     |
| Maui                            | 9.96                | (7.39 - 13.30)                        | *                   | (* - *)                               | 47.71             | (41.90 - 53.58)                     | 48.09             | (42.56 - 53.66)                     |
| <b>Idaho</b>                    | 9.54                | (7.88 - 11.51)                        | 48.44               | (45.23 - 51.67)                       | 48.99             | (46.17 - 51.82)                     | 48.91             | (46.41 - 51.42)                     |
| Region 1                        | 10.70               | (8.03 - 14.12)                        | *                   | (* - *)                               | 51.90             | (45.78 - 57.97)                     | 51.91             | (46.13 - 57.63)                     |
| Region 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 51.13             | (44.39 - 57.83)                     | 52.25             | (46.01 - 58.42)                     |
| Region 3                        | 9.34                | (7.12 - 12.16)                        | 44.96               | (38.87 - 51.21)                       | 44.18             | (39.12 - 49.37)                     | 44.30             | (39.64 - 49.05)                     |
| Region 4                        | 11.21               | (8.53 - 14.60)                        | 59.26               | (53.81 - 64.49)                       | 59.40             | (55.16 - 63.50)                     | 59.38             | (55.48 - 63.17)                     |
| Region 5                        | 9.55                | (7.20 - 12.58)                        | *                   | (* - *)                               | 45.70             | (40.30 - 51.21)                     | 45.88             | (40.85 - 51.00)                     |
| Region 6                        | 8.32                | (6.05 - 11.33)                        | *                   | (* - *)                               | 45.73             | (39.13 - 52.48)                     | 46.04             | (39.78 - 52.43)                     |
| Region 7                        | 6.62                | (4.76 - 9.14)                         | 31.65               | (25.78 - 38.17)                       | 33.38             | (28.32 - 38.86)                     | 33.06             | (28.48 - 37.99)                     |
| <b>Illinois</b>                 | 9.72                | (8.54 - 11.05)                        | 60.19               | (57.86 - 62.47)                       | 58.86             | (57.05 - 60.65)                     | 59.05             | (57.43 - 60.64)                     |
| Region 1 (Cook)                 | 8.96                | (7.59 - 10.55)                        | 59.36               | (56.25 - 62.40)                       | 58.25             | (55.73 - 60.74)                     | 58.41             | (56.10 - 60.68)                     |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 61.35             | (55.35 - 67.03)                     | 61.89             | (56.12 - 67.34)                     |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 51.36             | (44.58 - 58.09)                     | 51.76             | (45.30 - 58.17)                     |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | *                   | (* - *)                               | 71.93             | (66.55 - 76.75)                     | 72.67             | (67.58 - 77.23)                     |
| Region 1.4 (West Side)          | 7.81                | (5.82 - 10.41)                        | *                   | (* - *)                               | 53.89             | (47.95 - 59.73)                     | 53.77             | (48.15 - 59.30)                     |
| Region 1.5 (South Side)         | 7.98                | (5.99 - 10.56)                        | *                   | (* - *)                               | 53.28             | (46.97 - 59.49)                     | 53.51             | (47.60 - 59.33)                     |
| Region 1.6 (Southwest Side)     | 7.92                | (5.95 - 10.47)                        | *                   | (* - *)                               | 45.38             | (39.42 - 51.47)                     | 45.97             | (40.39 - 51.65)                     |
| Region 1.7 (Suburban Cook)      | 9.63                | (7.73 - 11.94)                        | 59.63               | (54.81 - 64.27)                       | 59.43             | (55.87 - 62.88)                     | 59.45             | (56.17 - 62.65)                     |
| Region 2                        | 10.13               | (8.62 - 11.87)                        | 59.24               | (55.72 - 62.66)                       | 63.12             | (60.57 - 65.59)                     | 62.56             | (60.23 - 64.84)                     |
| Region 2a (DuPage)              | 10.46               | (8.15 - 13.33)                        | 61.68               | (55.29 - 67.69)                       | 67.93             | (63.21 - 72.31)                     | 67.10             | (62.70 - 71.21)                     |
| Region 2b                       | 10.06               | (8.17 - 12.34)                        | 56.50               | (51.67 - 61.21)                       | 63.44             | (59.94 - 66.80)                     | 62.43             | (59.21 - 65.54)                     |
| Region 2c (Winnebago)           | 9.82                | (7.37 - 12.97)                        | *                   | (* - *)                               | 53.09             | (46.83 - 59.26)                     | 53.83             | (47.83 - 59.72)                     |
| Region 2d                       | 10.05               | (7.72 - 12.97)                        | 64.97               | (58.54 - 70.90)                       | 59.56             | (54.03 - 64.86)                     | 60.38             | (55.21 - 65.33)                     |
| Region 3                        | 10.42               | (8.38 - 12.89)                        | 64.58               | (60.15 - 68.78)                       | 57.24             | (53.43 - 60.98)                     | 58.46             | (55.01 - 61.82)                     |
| Region 3a (Champaign)           | *                   | (* - *)                               | *                   | (* - *)                               | 61.28             | (54.71 - 67.46)                     | 63.60             | (57.77 - 69.06)                     |
| Region 3b                       | 10.52               | (8.31 - 13.22)                        | 62.96               | (57.81 - 67.84)                       | 56.67             | (52.49 - 60.76)                     | 57.58             | (53.74 - 61.33)                     |
| Region 4                        | 10.71               | (8.62 - 13.23)                        | 59.46               | (53.70 - 64.98)                       | 54.97             | (50.65 - 59.21)                     | 55.58             | (51.54 - 59.54)                     |
| Region 4a (Sangamon)            | *                   | (* - *)                               | *                   | (* - *)                               | 59.04             | (52.30 - 65.45)                     | 59.30             | (52.88 - 65.43)                     |
| Region 4b                       | 10.89               | (8.51 - 13.83)                        | 59.03               | (52.20 - 65.53)                       | 53.79             | (48.73 - 58.78)                     | 54.52             | (49.76 - 59.19)                     |
| Region 5                        | 9.84                | (8.00 - 12.05)                        | 61.26               | (56.42 - 65.88)                       | 52.29             | (48.40 - 56.16)                     | 53.52             | (49.89 - 57.11)                     |
| Region 5a                       | 8.96                | (6.81 - 11.70)                        | *                   | (* - *)                               | 55.50             | (49.74 - 61.13)                     | 56.02             | (50.55 - 61.35)                     |
| Region 5b                       | 10.62               | (8.23 - 13.60)                        | 62.76               | (56.69 - 68.45)                       | 49.73             | (44.75 - 54.72)                     | 51.53             | (46.90 - 56.13)                     |

See notes at end of table.

(continued)



**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 9.70                | (8.15 - 11.52)                        | 59.83               | (56.61 - 62.97)                       | 53.45             | (50.48 - 56.40)                     | 54.41             | (51.77 - 57.03)                     |
| Central                                     | 9.22                | (7.16 - 11.78)                        | 58.84               | (53.51 - 63.98)                       | 57.72             | (53.31 - 62.01)                     | 57.88             | (53.83 - 61.83)                     |
| East                                        | 9.30                | (6.87 - 12.47)                        | *                   | (* - *)                               | 44.98             | (38.77 - 51.35)                     | 47.30             | (41.47 - 53.21)                     |
| North Central                               | 10.08               | (7.72 - 13.04)                        | *                   | (* - *)                               | 51.86             | (46.12 - 57.56)                     | 52.66             | (47.32 - 57.95)                     |
| Northeast                                   | 10.93               | (8.13 - 14.53)                        | *                   | (* - *)                               | 56.22             | (50.03 - 62.22)                     | 57.19             | (51.44 - 62.76)                     |
| Northwest                                   | 9.29                | (6.93 - 12.36)                        | *                   | (* - *)                               | 55.51             | (49.21 - 61.64)                     | 55.80             | (49.95 - 61.49)                     |
| Southeast                                   | 9.93                | (7.53 - 12.99)                        | *                   | (* - *)                               | 49.65             | (43.48 - 55.83)                     | 50.36             | (44.55 - 56.17)                     |
| Southwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | 52.73             | (46.08 - 59.28)                     | 53.73             | (47.47 - 59.87)                     |
| West                                        | 9.41                | (6.95 - 12.62)                        | *                   | (* - *)                               | 51.23             | (44.94 - 57.47)                     | 54.36             | (48.68 - 59.92)                     |
| <b>Iowa</b>                                 | 10.51               | (8.79 - 12.52)                        | 66.73               | (63.55 - 69.76)                       | 61.45             | (58.66 - 64.18)                     | 62.26             | (59.76 - 64.69)                     |
| Central                                     | 9.77                | (7.38 - 12.83)                        | 62.75               | (56.58 - 68.53)                       | 63.46             | (58.34 - 68.29)                     | 63.36             | (58.61 - 67.86)                     |
| North Central                               | 10.17               | (7.61 - 13.47)                        | 70.86               | (64.43 - 76.55)                       | 58.74             | (52.70 - 64.53)                     | 61.06             | (55.54 - 66.30)                     |
| Northeast                                   | 10.98               | (8.45 - 14.17)                        | 68.26               | (62.90 - 73.18)                       | 63.46             | (59.05 - 67.66)                     | 64.19             | (60.18 - 68.01)                     |
| Northwest                                   | 12.10               | (9.21 - 15.74)                        | 69.75               | (63.33 - 75.48)                       | 63.04             | (57.58 - 68.18)                     | 63.97             | (58.91 - 68.73)                     |
| Southeast                                   | 9.35                | (7.14 - 12.17)                        | 64.20               | (58.39 - 69.62)                       | 57.38             | (52.47 - 62.15)                     | 58.47             | (53.99 - 62.82)                     |
| Southwest                                   | 11.01               | (8.22 - 14.59)                        | *                   | (* - *)                               | 61.95             | (55.65 - 67.86)                     | 62.36             | (56.39 - 67.98)                     |
| <b>Kansas</b>                               | 11.04               | (9.26 - 13.13)                        | 59.59               | (56.15 - 62.93)                       | 59.50             | (56.61 - 62.33)                     | 59.52             | (56.96 - 62.02)                     |
| Northeast                                   | 10.77               | (8.56 - 13.47)                        | 61.77               | (57.21 - 66.13)                       | 63.18             | (59.38 - 66.82)                     | 62.95             | (59.60 - 66.18)                     |
| Northwest and North Central                 | 11.71               | (8.65 - 15.67)                        | *                   | (* - *)                               | *                 | (* - *)                             | 56.62             | (50.02 - 62.99)                     |
| South Central                               | 11.41               | (8.98 - 14.40)                        | 56.22               | (50.64 - 61.65)                       | 57.72             | (53.38 - 61.93)                     | 57.50             | (53.54 - 61.36)                     |
| Southeast                                   | 11.80               | (8.77 - 15.68)                        | *                   | (* - *)                               | 53.44             | (46.72 - 60.03)                     | 54.56             | (48.26 - 60.71)                     |
| Southwest                                   | 9.93                | (7.40 - 13.21)                        | *                   | (* - *)                               | *                 | (* - *)                             | 50.08             | (43.62 - 56.54)                     |
| <b>Kentucky</b>                             | 8.86                | (7.36 - 10.63)                        | 52.40               | (48.98 - 55.80)                       | 44.00             | (41.21 - 46.83)                     | 45.19             | (42.67 - 47.74)                     |
| Adanta, Cumberland River,<br>and Lifeskills | 7.75                | (5.78 - 10.32)                        | *                   | (* - *)                               | 31.49             | (26.96 - 36.39)                     | 33.13             | (28.83 - 37.73)                     |
| Bluegrass, Comprehend, and<br>North Key     | 9.35                | (7.21 - 12.05)                        | 59.96               | (54.53 - 65.17)                       | 51.18             | (46.77 - 55.57)                     | 52.49             | (48.48 - 56.48)                     |
| Centerstone                                 | 9.53                | (7.32 - 12.33)                        | 55.96               | (49.53 - 62.20)                       | 52.99             | (48.11 - 57.81)                     | 53.39             | (48.83 - 57.89)                     |
| Communicare and River Valley                | 8.92                | (6.69 - 11.79)                        | *                   | (* - *)                               | 43.88             | (37.73 - 50.23)                     | 44.91             | (39.06 - 50.90)                     |
| Four Rivers and Pennyroyal                  | 8.16                | (6.00 - 11.00)                        | *                   | (* - *)                               | 38.02             | (32.18 - 44.23)                     | 39.33             | (33.79 - 45.16)                     |
| Kentucky River, Mountain,<br>and Pathways   | 8.32                | (6.08 - 11.27)                        | *                   | (* - *)                               | 31.31             | (26.06 - 37.09)                     | 33.09             | (28.07 - 38.53)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 10.83               | (9.07 - 12.90)                        | 56.07               | (52.79 - 59.30)                       | 54.12             | (51.29 - 56.92)                     | 54.40             | (51.85 - 56.93)                     |
| Regions 1 and 10      | 11.09               | (8.76 - 13.96)                        | 59.44               | (53.84 - 64.80)                       | 61.44             | (56.76 - 65.91)                     | 61.16             | (56.78 - 65.37)                     |
| Region 1              | 10.62               | (7.92 - 14.09)                        | *                   | (* - *)                               | 63.03             | (57.01 - 68.67)                     | 62.94             | (57.26 - 68.28)                     |
| Region 10 (Jefferson) | 11.59               | (8.68 - 15.31)                        | *                   | (* - *)                               | 59.75             | (53.60 - 65.61)                     | 59.21             | (53.43 - 64.74)                     |
| Regions 2 and 9       | 10.96               | (8.45 - 14.10)                        | 60.77               | (55.81 - 65.52)                       | 58.32             | (53.95 - 62.57)                     | 58.70             | (54.75 - 62.53)                     |
| Region 3              | 12.42               | (9.38 - 16.26)                        | *                   | (* - *)                               | 52.34             | (46.30 - 58.32)                     | 52.73             | (47.08 - 58.30)                     |
| Regions 4, 5, and 6   | 10.89               | (8.56 - 13.76)                        | 52.80               | (46.48 - 59.03)                       | 49.19             | (44.33 - 54.06)                     | 49.72             | (45.22 - 54.23)                     |
| Regions 7 and 8       | 9.63                | (7.34 - 12.54)                        | 51.14               | (45.02 - 57.23)                       | 48.16             | (43.23 - 53.13)                     | 48.62             | (44.06 - 53.19)                     |
| <b>Maine</b>          | 12.08               | (10.21 - 14.24)                       | 66.28               | (63.02 - 69.39)                       | 61.76             | (58.90 - 64.54)                     | 62.30             | (59.70 - 64.84)                     |
| Aroostook/Downeast    | 11.71               | (9.25 - 14.71)                        | 61.96               | (56.16 - 67.44)                       | 54.80             | (49.69 - 59.82)                     | 55.58             | (50.78 - 60.28)                     |
| Aroostook             | 12.10               | (9.11 - 15.89)                        | *                   | (* - *)                               | 53.91             | (47.35 - 60.33)                     | 54.72             | (48.51 - 60.79)                     |
| Downeast              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 56.28             | (49.72 - 62.62)                     |
| Central               | 11.93               | (9.19 - 15.34)                        | *                   | (* - *)                               | 58.22             | (52.22 - 63.99)                     | 58.98             | (53.32 - 64.42)                     |
| Cumberland            | 12.44               | (9.66 - 15.87)                        | 71.27               | (65.47 - 76.44)                       | 69.95             | (65.15 - 74.35)                     | 70.11             | (65.64 - 74.22)                     |
| Midcoast              | 12.95               | (9.79 - 16.95)                        | *                   | (* - *)                               | 62.14             | (56.35 - 67.60)                     | 62.38             | (56.88 - 67.59)                     |
| Penquis               | 12.26               | (9.30 - 15.99)                        | 66.22               | (59.67 - 72.21)                       | 58.29             | (52.20 - 64.13)                     | 59.44             | (53.86 - 64.79)                     |
| Western               | 11.10               | (8.52 - 14.34)                        | 60.96               | (54.17 - 67.35)                       | 56.29             | (50.78 - 61.64)                     | 56.87             | (51.70 - 61.90)                     |
| York                  | 12.17               | (9.25 - 15.84)                        | 70.04               | (64.12 - 75.37)                       | 66.66             | (61.20 - 71.70)                     | 67.04             | (61.94 - 71.77)                     |
| <b>Maryland</b>       | 10.65               | (8.86 - 12.74)                        | 61.11               | (57.75 - 64.37)                       | 61.29             | (58.44 - 64.06)                     | 61.26             | (58.71 - 63.76)                     |
| Anne Arundel          | 11.97               | (8.95 - 15.83)                        | *                   | (* - *)                               | 66.43             | (60.58 - 71.82)                     | 66.25             | (60.72 - 71.38)                     |
| Baltimore City        | 8.74                | (6.44 - 11.76)                        | 60.07               | (53.28 - 66.50)                       | 56.31             | (50.72 - 61.75)                     | 56.90             | (51.72 - 61.94)                     |
| Baltimore County      | 11.41               | (8.61 - 14.96)                        | *                   | (* - *)                               | 66.15             | (60.51 - 71.37)                     | 65.98             | (60.71 - 70.88)                     |
| Montgomery            | 10.20               | (7.77 - 13.27)                        | *                   | (* - *)                               | 62.20             | (57.14 - 67.01)                     | 62.03             | (57.23 - 66.60)                     |
| North Central         | 11.51               | (8.59 - 15.26)                        | *                   | (* - *)                               | 63.93             | (57.70 - 69.72)                     | 63.98             | (58.07 - 69.49)                     |
| Northeast             | 11.85               | (8.79 - 15.79)                        | *                   | (* - *)                               | 59.98             | (53.85 - 65.82)                     | 60.01             | (54.16 - 65.58)                     |
| Prince George's       | 9.58                | (7.11 - 12.80)                        | 59.99               | (53.41 - 66.23)                       | 59.67             | (53.91 - 65.17)                     | 59.72             | (54.45 - 64.77)                     |
| South                 | 9.93                | (7.38 - 13.23)                        | *                   | (* - *)                               | 57.31             | (51.20 - 63.20)                     | 57.15             | (51.39 - 62.71)                     |
| West                  | 11.38               | (8.59 - 14.93)                        | *                   | (* - *)                               | 57.61             | (51.56 - 63.45)                     | 57.81             | (52.08 - 63.33)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 11.93               | (10.00 - 14.17)                       | 69.85               | (66.61 - 72.91)                       | 62.18             | (59.31 - 64.97)                     | 63.32             | (60.75 - 65.81)                     |
| Boston                | 9.16                | (6.77 - 12.30)                        | 70.72               | (64.43 - 76.32)                       | 58.97             | (53.03 - 64.65)                     | 61.42             | (56.07 - 66.51)                     |
| Central               | 11.37               | (8.63 - 14.84)                        | *                   | (* - *)                               | 57.29             | (51.47 - 62.92)                     | 58.68             | (53.27 - 63.89)                     |
| Metrowest             | 11.69               | (9.03 - 15.00)                        | 74.45               | (68.56 - 79.56)                       | 69.35             | (64.89 - 73.47)                     | 70.04             | (65.88 - 73.89)                     |
| Northeast             | 12.41               | (9.68 - 15.77)                        | 68.01               | (62.03 - 73.44)                       | 61.57             | (56.78 - 66.14)                     | 62.42             | (57.96 - 66.68)                     |
| Southeast             | 13.31               | (10.16 - 17.24)                       | 68.85               | (62.58 - 74.51)                       | 61.78             | (56.37 - 66.91)                     | 62.69             | (57.67 - 67.45)                     |
| Western               | 12.12               | (9.19 - 15.82)                        | 67.93               | (61.69 - 73.59)                       | 58.30             | (52.43 - 63.94)                     | 59.92             | (54.57 - 65.05)                     |
| <b>Michigan</b>       | 10.58               | (9.34 - 11.97)                        | 60.38               | (58.16 - 62.55)                       | 57.93             | (56.05 - 59.79)                     | 58.29             | (56.63 - 59.93)                     |
| Region 1              | 12.40               | (9.46 - 16.08)                        | *                   | (* - *)                               | 58.97             | (53.00 - 64.68)                     | 60.08             | (54.48 - 65.44)                     |
| Region 2              | 11.83               | (9.03 - 15.35)                        | *                   | (* - *)                               | 57.72             | (51.77 - 63.47)                     | 57.98             | (52.28 - 63.48)                     |
| Region 3              | 10.57               | (8.50 - 13.07)                        | 64.40               | (59.51 - 69.01)                       | 61.92             | (57.97 - 65.72)                     | 62.30             | (58.73 - 65.74)                     |
| Region 4              | 10.65               | (8.33 - 13.52)                        | 58.43               | (53.19 - 63.48)                       | 55.62             | (51.15 - 60.00)                     | 56.04             | (51.99 - 60.02)                     |
| Region 5              | 10.92               | (8.81 - 13.46)                        | 60.55               | (56.11 - 64.81)                       | 54.00             | (50.15 - 57.80)                     | 55.11             | (51.71 - 58.46)                     |
| Region 6              | 10.15               | (7.93 - 12.91)                        | 63.65               | (57.80 - 69.12)                       | 61.23             | (56.42 - 65.83)                     | 61.63             | (57.23 - 65.86)                     |
| Region 7              | 9.35                | (7.54 - 11.53)                        | 54.09               | (49.46 - 58.66)                       | 53.43             | (49.48 - 57.35)                     | 53.53             | (49.96 - 57.06)                     |
| Region 8              | 10.94               | (8.78 - 13.55)                        | 61.67               | (56.09 - 66.95)                       | 63.79             | (59.45 - 67.92)                     | 63.53             | (59.47 - 67.40)                     |
| Region 9              | 11.05               | (8.56 - 14.14)                        | 63.25               | (57.67 - 68.49)                       | 60.45             | (55.73 - 64.99)                     | 60.81             | (56.42 - 65.03)                     |
| Region 10             | 10.75               | (8.34 - 13.74)                        | 58.69               | (52.50 - 64.61)                       | 56.17             | (51.13 - 61.10)                     | 56.51             | (51.83 - 61.08)                     |
| <b>Minnesota</b>      | 10.68               | (8.95 - 12.70)                        | 66.64               | (63.44 - 69.69)                       | 63.92             | (61.14 - 66.62)                     | 64.30             | (61.81 - 66.71)                     |
| Regions 1 and 2       | 10.72               | (8.38 - 13.61)                        | 65.50               | (59.49 - 71.04)                       | 58.01             | (52.61 - 63.21)                     | 59.00             | (53.97 - 63.85)                     |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 58.76             | (52.11 - 65.11)                     |
| Region 2              | 10.67               | (7.86 - 14.32)                        | *                   | (* - *)                               | *                 | (* - *)                             | 59.14             | (52.63 - 65.35)                     |
| Regions 3 and 4       | 11.41               | (8.98 - 14.38)                        | 65.05               | (59.51 - 70.22)                       | 61.17             | (56.55 - 65.60)                     | 61.72             | (57.47 - 65.81)                     |
| Region 3              | 11.60               | (8.52 - 15.60)                        | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 4              | 11.32               | (8.61 - 14.74)                        | 63.95               | (57.17 - 70.21)                       | 61.94             | (56.47 - 67.12)                     | 62.23             | (57.20 - 67.01)                     |
| Regions 5 and 6       | 10.64               | (8.29 - 13.55)                        | 68.88               | (63.99 - 73.39)                       | 59.46             | (54.58 - 64.16)                     | 60.84             | (56.40 - 65.10)                     |
| Region 5              | 10.30               | (7.60 - 13.81)                        | 67.89               | (61.46 - 73.70)                       | 57.67             | (51.31 - 63.79)                     | 59.16             | (53.34 - 64.74)                     |
| Region 6              | 10.97               | (8.20 - 14.52)                        | *                   | (* - *)                               | 61.30             | (55.01 - 67.24)                     | 62.56             | (56.73 - 68.04)                     |
| Region 7              | 10.46               | (8.58 - 12.69)                        | 66.54               | (62.61 - 70.26)                       | 67.37             | (64.17 - 70.41)                     | 67.26             | (64.35 - 70.04)                     |
| Region 7A (Hennepin)  | 10.67               | (8.23 - 13.73)                        | 70.72               | (65.19 - 75.70)                       | 70.87             | (66.49 - 74.89)                     | 70.85             | (66.79 - 74.60)                     |
| Region 7B (Ramsey)    | 8.35                | (6.17 - 11.20)                        | 63.15               | (56.38 - 69.44)                       | 60.44             | (54.75 - 65.87)                     | 60.87             | (55.59 - 65.91)                     |
| Region 7C             | 11.04               | (8.54 - 14.16)                        | 64.05               | (57.82 - 69.83)                       | 66.78             | (62.06 - 71.20)                     | 66.43             | (62.05 - 70.55)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 8.37                | (6.88 - 10.15)                        | 46.46               | (43.05 - 49.91)                       | 40.76             | (38.00 - 43.59)                     | 41.63             | (39.16 - 44.14)                     |
| Region 1                               | 8.38                | (6.45 - 10.81)                        | 45.18               | (39.23 - 51.27)                       | 38.49             | (34.05 - 43.13)                     | 39.50             | (35.38 - 43.78)                     |
| Region 2                               | 7.53                | (5.47 - 10.29)                        | 40.84               | (34.45 - 47.56)                       | 39.00             | (33.56 - 44.73)                     | 39.29             | (34.24 - 44.58)                     |
| Region 3                               | 8.43                | (6.25 - 11.29)                        | 48.48               | (41.78 - 55.24)                       | 38.81             | (33.62 - 44.27)                     | 40.47             | (35.64 - 45.49)                     |
| Region 4                               | 7.80                | (5.80 - 10.43)                        | 47.33               | (41.12 - 53.62)                       | 45.35             | (40.31 - 50.49)                     | 45.65             | (41.04 - 50.33)                     |
| Region 5                               | 8.48                | (6.12 - 11.64)                        | *                   | (* - *)                               | 36.90             | (30.64 - 43.64)                     | 37.65             | (31.61 - 44.09)                     |
| Region 6                               | 9.39                | (6.97 - 12.53)                        | *                   | (* - *)                               | 42.00             | (36.63 - 47.56)                     | 43.24             | (38.24 - 48.38)                     |
| Region 7                               | 8.95                | (6.67 - 11.92)                        | *                   | (* - *)                               | 42.32             | (36.93 - 47.89)                     | 43.24             | (38.21 - 48.42)                     |
| <b>Missouri</b>                        | 9.91                | (8.24 - 11.87)                        | 58.93               | (55.62 - 62.16)                       | 54.75             | (51.93 - 57.54)                     | 55.35             | (52.82 - 57.85)                     |
| Central                                | 9.87                | (7.48 - 12.93)                        | 59.92               | (53.47 - 66.04)                       | 50.38             | (44.61 - 56.14)                     | 52.05             | (46.80 - 57.26)                     |
| Eastern                                | 10.17               | (8.10 - 12.69)                        | 61.96               | (57.08 - 66.61)                       | 60.46             | (56.67 - 64.13)                     | 60.67             | (57.20 - 64.03)                     |
| Eastern (St. Louis City and<br>County) | 9.28                | (7.05 - 12.13)                        | 60.75               | (54.59 - 66.60)                       | 60.43             | (55.61 - 65.05)                     | 60.47             | (56.03 - 64.75)                     |
| Eastern (excluding St. Louis)          | 11.45               | (8.66 - 15.00)                        | *                   | (* - *)                               | 60.53             | (55.10 - 65.71)                     | 61.00             | (55.95 - 65.83)                     |
| Northwest                              | 9.67                | (7.64 - 12.17)                        | 60.26               | (55.01 - 65.29)                       | 56.89             | (52.66 - 61.02)                     | 57.36             | (53.40 - 61.22)                     |
| Northwest (Jackson)                    | 9.12                | (6.82 - 12.10)                        | 61.36               | (54.54 - 67.77)                       | 58.28             | (52.81 - 63.55)                     | 58.69             | (53.55 - 63.65)                     |
| Northwest (excluding Jackson)          | 10.11               | (7.59 - 13.35)                        | *                   | (* - *)                               | 55.70             | (50.00 - 61.26)                     | 56.23             | (50.84 - 61.48)                     |
| Southeast                              | 9.96                | (7.46 - 13.17)                        | 51.57               | (44.75 - 58.32)                       | 44.16             | (38.46 - 50.02)                     | 45.16             | (39.80 - 50.64)                     |
| Southwest                              | 9.69                | (7.27 - 12.80)                        | 54.70               | (48.10 - 61.14)                       | 50.39             | (44.81 - 55.95)                     | 50.99             | (45.84 - 56.12)                     |
| <b>Montana</b>                         | 10.96               | (9.15 - 13.08)                        | 62.31               | (59.03 - 65.49)                       | 61.37             | (58.45 - 64.21)                     | 61.50             | (58.91 - 64.03)                     |
| Region 1                               | 11.05               | (8.22 - 14.70)                        | *                   | (* - *)                               | *                 | (* - *)                             | 56.22             | (49.44 - 62.77)                     |
| Region 2                               | 10.23               | (7.73 - 13.42)                        | 57.19               | (50.40 - 63.72)                       | 57.86             | (52.34 - 63.20)                     | 57.76             | (52.60 - 62.76)                     |
| Region 3                               | 10.41               | (7.98 - 13.48)                        | 56.98               | (50.78 - 62.96)                       | 58.95             | (54.09 - 63.63)                     | 58.69             | (54.23 - 63.01)                     |
| Region 4                               | 11.12               | (8.50 - 14.42)                        | 66.81               | (61.63 - 71.61)                       | 65.45             | (60.71 - 69.91)                     | 65.66             | (61.35 - 69.72)                     |
| Region 5                               | 11.59               | (9.12 - 14.62)                        | 64.20               | (58.82 - 69.24)                       | 62.59             | (58.08 - 66.89)                     | 62.82             | (58.72 - 66.74)                     |
| <b>Nebraska</b>                        | 9.74                | (8.07 - 11.70)                        | 63.67               | (60.25 - 66.96)                       | 63.82             | (60.99 - 66.55)                     | 63.80             | (61.29 - 66.23)                     |
| Regions 1 and 2                        | 10.13               | (7.80 - 13.06)                        | 60.08               | (53.43 - 66.37)                       | 58.84             | (53.19 - 64.26)                     | 59.01             | (53.66 - 64.15)                     |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 3                               | 9.85                | (7.45 - 12.91)                        | *                   | (* - *)                               | 60.06             | (54.17 - 65.67)                     | 60.59             | (55.11 - 65.82)                     |
| Region 4                               | 9.74                | (7.25 - 12.97)                        | *                   | (* - *)                               | 57.41             | (51.06 - 63.53)                     | 57.77             | (51.87 - 63.46)                     |
| Region 5                               | 10.23               | (7.85 - 13.23)                        | 66.56               | (60.74 - 71.92)                       | 65.20             | (60.27 - 69.82)                     | 65.43             | (60.92 - 69.67)                     |
| Region 6                               | 9.36                | (7.29 - 11.94)                        | 63.45               | (58.64 - 68.01)                       | 67.06             | (63.32 - 70.60)                     | 66.52             | (63.14 - 69.74)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 12.86               | (10.68 - 15.42)                       | 54.12               | (50.49 - 57.71)                       | 56.62             | (53.53 - 59.65)                     | 56.29             | (53.52 - 59.02)                     |
| Clark – Region 1        | 12.32               | (9.95 - 15.14)                        | 51.85               | (47.54 - 56.13)                       | 55.59             | (52.06 - 59.07)                     | 55.09             | (51.90 - 58.24)                     |
| Region 3                | 14.07               | (10.95 - 17.90)                       | *                   | (* - *)                               | 55.77             | (50.00 - 61.39)                     | 55.89             | (50.41 - 61.23)                     |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Washoe – Region 2       | 14.56               | (11.18 - 18.75)                       | 62.64               | (56.20 - 68.65)                       | 62.03             | (56.87 - 66.94)                     | 62.12             | (57.33 - 66.67)                     |
| <b>New Hampshire</b>    | 12.19               | (10.33 - 14.33)                       | 69.70               | (66.42 - 72.79)                       | 68.88             | (66.07 - 71.56)                     | 68.99             | (66.48 - 71.40)                     |
| Central                 | 11.50               | (9.28 - 14.18)                        | 69.56               | (65.13 - 73.66)                       | 65.42             | (61.37 - 69.26)                     | 66.02             | (62.33 - 69.52)                     |
| Central 1               | 11.36               | (8.64 - 14.78)                        | 69.46               | (63.28 - 75.02)                       | 63.14             | (57.37 - 68.55)                     | 64.15             | (58.90 - 69.09)                     |
| Central 2               | 11.64               | (8.93 - 15.02)                        | 69.69               | (63.94 - 74.88)                       | 67.59             | (62.67 - 72.15)                     | 67.86             | (63.29 - 72.11)                     |
| Northern                | 12.73               | (9.69 - 16.56)                        | 71.70               | (65.33 - 77.31)                       | 68.85             | (63.16 - 74.03)                     | 69.25             | (63.98 - 74.07)                     |
| Southern                | 12.39               | (10.26 - 14.90)                       | 69.29               | (64.89 - 73.36)                       | 70.55             | (67.25 - 73.65)                     | 70.39             | (67.36 - 73.25)                     |
| Southern 1 (Rockingham) | 11.78               | (9.17 - 15.01)                        | 69.00               | (62.42 - 74.89)                       | 71.35             | (66.66 - 75.63)                     | 71.07             | (66.63 - 75.14)                     |
| Southern 2              | 12.79               | (10.22 - 15.90)                       | 69.44               | (64.07 - 74.33)                       | 70.04             | (66.02 - 73.78)                     | 69.96             | (66.28 - 73.40)                     |
| <b>New Jersey</b>       | 12.18               | (10.51 - 14.08)                       | 61.74               | (58.77 - 64.63)                       | 59.72             | (57.29 - 62.11)                     | 59.99             | (57.80 - 62.14)                     |
| Central                 | 12.10               | (9.63 - 15.10)                        | 64.07               | (58.72 - 69.09)                       | 62.34             | (58.06 - 66.44)                     | 62.56             | (58.59 - 66.36)                     |
| Metropolitan            | 10.42               | (8.13 - 13.27)                        | 54.27               | (48.95 - 59.50)                       | 52.96             | (48.46 - 57.41)                     | 53.14             | (49.04 - 57.20)                     |
| Northern                | 12.97               | (10.60 - 15.78)                       | 63.86               | (59.16 - 68.30)                       | 60.33             | (56.71 - 63.84)                     | 60.77             | (57.44 - 64.00)                     |
| Southern                | 13.16               | (10.56 - 16.30)                       | 65.32               | (59.93 - 70.34)                       | 63.66             | (59.31 - 67.80)                     | 63.88             | (59.90 - 67.68)                     |
| <b>New Mexico</b>       | 9.90                | (8.23 - 11.87)                        | 55.84               | (52.34 - 59.29)                       | 51.91             | (48.97 - 54.84)                     | 52.48             | (49.85 - 55.10)                     |
| Region 1                | 9.32                | (7.11 - 12.14)                        | 51.95               | (45.68 - 58.16)                       | 46.43             | (41.19 - 51.74)                     | 47.23             | (42.36 - 52.15)                     |
| Region 2                | 10.09               | (7.57 - 13.34)                        | *                   | (* - *)                               | 52.87             | (47.01 - 58.66)                     | 53.19             | (47.62 - 58.68)                     |
| Region 3 (Bernalillo)   | 10.35               | (8.07 - 13.18)                        | 62.23               | (57.03 - 67.16)                       | 58.56             | (54.23 - 62.76)                     | 59.08             | (55.15 - 62.89)                     |
| Region 4                | 9.64                | (7.20 - 12.80)                        | *                   | (* - *)                               | 46.93             | (41.27 - 52.68)                     | 47.66             | (42.38 - 52.98)                     |
| Region 5                | 9.96                | (7.83 - 12.60)                        | 53.11               | (47.67 - 58.48)                       | 48.84             | (44.19 - 53.51)                     | 49.52             | (45.23 - 53.83)                     |
| Region 5a               | 9.18                | (6.74 - 12.40)                        | *                   | (* - *)                               | 44.95             | (38.97 - 51.09)                     | 45.23             | (39.58 - 51.02)                     |
| Region 5b (Dona Ana)    | 10.59               | (7.94 - 13.98)                        | *                   | (* - *)                               | 52.64             | (46.60 - 58.60)                     | 53.46             | (47.91 - 58.93)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 11.96               | (10.73 - 13.30)                       | 61.31               | (59.18 - 63.40)                       | 58.35             | (56.73 - 59.95)                     | 58.78             | (57.32 - 60.21)                     |
| Region 1: Long Island                          | 13.96               | (11.57 - 16.76)                       | 65.98               | (61.32 - 70.36)                       | 69.11             | (65.61 - 72.41)                     | 68.69             | (65.46 - 71.74)                     |
| Region 2: New York City                        | 10.48               | (9.08 - 12.08)                        | 57.83               | (54.97 - 60.64)                       | 53.52             | (51.26 - 55.76)                     | 54.12             | (52.06 - 56.16)                     |
| Region 2A: Bronx                               | 8.58                | (6.66 - 10.98)                        | 47.31               | (41.75 - 52.93)                       | 42.89             | (38.22 - 47.69)                     | 43.64             | (39.37 - 47.99)                     |
| Region 2B: Kings                               | 11.53               | (9.24 - 14.28)                        | 57.19               | (52.27 - 61.97)                       | 53.47             | (49.47 - 57.42)                     | 54.00             | (50.37 - 57.60)                     |
| Region 2C: New York                            | 13.16               | (10.12 - 16.95)                       | 76.72               | (72.23 - 80.69)                       | 68.12             | (63.91 - 72.06)                     | 69.22             | (65.35 - 72.84)                     |
| Region 2D: Queens                              | 9.22                | (7.23 - 11.68)                        | 52.55               | (47.07 - 57.98)                       | 48.00             | (43.73 - 52.30)                     | 48.58             | (44.60 - 52.58)                     |
| Region 2E: Richmond                            | 10.80               | (8.29 - 13.96)                        | *                   | (* - *)                               | 55.16             | (49.08 - 61.09)                     | 55.30             | (49.56 - 60.90)                     |
| Region 3: Mid-Hudson                           | 11.06               | (8.98 - 13.56)                        | 58.53               | (53.01 - 63.84)                       | 57.97             | (53.96 - 61.87)                     | 58.05             | (54.34 - 61.66)                     |
| Region 4: Capital Region                       | 13.67               | (10.83 - 17.10)                       | 70.00               | (64.47 - 75.00)                       | 66.11             | (61.27 - 70.63)                     | 66.68             | (62.21 - 70.87)                     |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | 52.12             | (45.53 - 58.63)                     | 53.53             | (47.24 - 59.71)                     |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | 54.06             | (47.62 - 60.38)                     | 54.91             | (48.76 - 60.92)                     |
| Region 7: Tug Hill Seaway                      | 12.04               | (9.26 - 15.51)                        | *                   | (* - *)                               | 53.56             | (47.30 - 59.71)                     | 55.19             | (49.28 - 60.95)                     |
| Region 8: Central                              | 12.71               | (10.20 - 15.73)                       | 63.26               | (57.65 - 68.53)                       | 58.94             | (54.45 - 63.29)                     | 59.64             | (55.51 - 63.64)                     |
| Region 9: Southern Tier                        | 13.05               | (10.14 - 16.63)                       | 68.53               | (62.02 - 74.37)                       | 58.84             | (53.31 - 64.15)                     | 60.67             | (55.59 - 65.52)                     |
| Region 10: Finger Lakes                        | 13.20               | (10.61 - 16.31)                       | 65.17               | (59.61 - 70.34)                       | 61.88             | (57.40 - 66.16)                     | 62.37             | (58.25 - 66.32)                     |
| Region 11: Western                             | 13.46               | (10.98 - 16.39)                       | 62.81               | (57.58 - 67.76)                       | 60.35             | (56.42 - 64.15)                     | 60.71             | (57.10 - 64.22)                     |
| <b>North Carolina</b>                          | 8.04                | (6.76 - 9.55)                         | 54.17               | (51.47 - 56.85)                       | 48.18             | (45.86 - 50.51)                     | 49.02             | (46.95 - 51.09)                     |
| Alliance Behavioral<br>Healthcare 1            | 7.05                | (5.31 - 9.31)                         | 54.04               | (47.28 - 60.66)                       | 48.88             | (43.72 - 54.07)                     | 49.68             | (44.85 - 54.52)                     |
| Alliance Behavioral<br>Healthcare 2            | 7.76                | (5.83 - 10.27)                        | *                   | (* - *)                               | 58.75             | (53.21 - 64.08)                     | 58.52             | (53.36 - 63.49)                     |
| Cardinal Innovations<br>Healthcare Solutions 1 | 8.83                | (6.64 - 11.66)                        | *                   | (* - *)                               | 49.12             | (43.53 - 54.72)                     | 49.71             | (44.40 - 55.03)                     |
| Cardinal Innovations<br>Healthcare Solutions 2 | 8.15                | (6.05 - 10.91)                        | *                   | (* - *)                               | 45.85             | (40.28 - 51.53)                     | 46.96             | (41.71 - 52.27)                     |
| Cardinal Innovations<br>Healthcare Solutions 3 | 7.46                | (5.57 - 9.92)                         | 58.41               | (52.35 - 64.22)                       | 56.66             | (51.48 - 61.71)                     | 56.90             | (52.07 - 61.60)                     |
| CenterPoint Human Services                     | 8.76                | (6.56 - 11.61)                        | *                   | (* - *)                               | 47.30             | (41.59 - 53.08)                     | 48.54             | (43.14 - 53.97)                     |
| Eastpointe                                     | 6.91                | (5.20 - 9.14)                         | 42.50               | (36.20 - 49.05)                       | 35.90             | (31.08 - 41.04)                     | 36.82             | (32.25 - 41.63)                     |
| Partners Behavioral Health<br>Management       | 8.41                | (6.38 - 11.01)                        | *                   | (* - *)                               | 44.21             | (38.61 - 49.96)                     | 45.02             | (39.70 - 50.47)                     |
| Sandhills Center 1                             | *                   | (* - *)                               | *                   | (* - *)                               | 41.07             | (35.36 - 47.03)                     | 42.04             | (36.57 - 47.72)                     |
| Sandhills Center 2                             | 7.45                | (5.53 - 9.98)                         | *                   | (* - *)                               | 50.04             | (44.20 - 55.89)                     | 50.91             | (45.34 - 56.44)                     |
| Smoky Mountain Center 1                        | 8.13                | (5.93 - 11.05)                        | *                   | (* - *)                               | 37.96             | (32.34 - 43.92)                     | 39.62             | (34.27 - 45.23)                     |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 49.69             | (43.44 - 55.95)                     | 50.26             | (44.31 - 56.21)                     |
| Trillium Health Resources 1                    | 8.30                | (6.19 - 11.03)                        | 56.35               | (49.88 - 62.62)                       | 47.63             | (42.02 - 53.31)                     | 49.01             | (43.80 - 54.25)                     |
| Trillium Health Resources 2                    | *                   | (* - *)                               | *                   | (* - *)                               | 55.08             | (48.37 - 61.61)                     | 56.65             | (50.41 - 62.69)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 12.28               | (10.40 - 14.44)                       | 68.79               | (65.74 - 71.70)                       | 62.64             | (59.95 - 65.25)                     | 63.75             | (61.41 - 66.02)                     |
| Badlands and West Central     | 13.47               | (10.90 - 16.53)                       | 69.21               | (64.01 - 73.96)                       | 65.46             | (61.51 - 69.22)                     | 66.01             | (62.37 - 69.48)                     |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 62.13             | (55.65 - 68.20)                     |
| West Central                  | 13.52               | (10.70 - 16.93)                       | 69.69               | (63.55 - 75.20)                       | 66.73             | (62.31 - 70.87)                     | 67.16             | (63.07 - 71.01)                     |
| Lake Region                   | 10.72               | (7.99 - 14.24)                        | *                   | (* - *)                               | 52.81             | (46.10 - 59.41)                     | 52.82             | (46.46 - 59.09)                     |
| North Central                 | 12.62               | (9.71 - 16.26)                        | *                   | (* - *)                               | 61.10             | (55.36 - 66.56)                     | 62.09             | (56.75 - 67.15)                     |
| Northeast                     | 13.24               | (10.22 - 16.97)                       | 74.17               | (68.92 - 78.82)                       | 65.07             | (59.86 - 69.95)                     | 67.33             | (62.84 - 71.53)                     |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| South Central                 | 13.37               | (9.89 - 17.84)                        | *                   | (* - *)                               | 61.28             | (54.85 - 67.34)                     | 62.17             | (56.05 - 67.93)                     |
| Southeast                     | 10.61               | (8.17 - 13.68)                        | 69.84               | (65.17 - 74.13)                       | 62.78             | (58.25 - 67.09)                     | 64.24             | (60.30 - 67.99)                     |
| <b>Ohio</b>                   | 9.73                | (8.55 - 11.05)                        | 61.30               | (59.06 - 63.50)                       | 55.94             | (54.09 - 57.78)                     | 56.69             | (55.04 - 58.32)                     |
| Boards 2, 46, 55, and 68      | 11.28               | (8.69 - 14.53)                        | *                   | (* - *)                               | 56.21             | (50.24 - 62.01)                     | 57.24             | (51.61 - 62.68)                     |
| Boards 3, 52, and 85          | 9.53                | (7.25 - 12.43)                        | *                   | (* - *)                               | 56.65             | (50.76 - 62.35)                     | 57.17             | (51.53 - 62.63)                     |
| Boards 4 and 78               | 9.68                | (7.33 - 12.69)                        | *                   | (* - *)                               | 46.98             | (40.94 - 53.10)                     | 48.08             | (42.31 - 53.90)                     |
| Boards 5 and 60               | 10.26               | (7.90 - 13.22)                        | *                   | (* - *)                               | 47.63             | (41.38 - 53.96)                     | 50.16             | (44.31 - 56.00)                     |
| Boards 7, 15, 41, 79, and 84  | 9.55                | (7.25 - 12.49)                        | *                   | (* - *)                               | 47.39             | (41.48 - 53.37)                     | 48.40             | (42.75 - 54.10)                     |
| Boards 8, 13, and 83          | 9.95                | (7.59 - 12.95)                        | *                   | (* - *)                               | 58.43             | (52.58 - 64.06)                     | 58.69             | (53.07 - 64.10)                     |
| Board 9 (Butler)              | 9.02                | (6.85 - 11.79)                        | *                   | (* - *)                               | 55.91             | (49.96 - 61.70)                     | 56.37             | (50.75 - 61.84)                     |
| Board 12                      | 8.98                | (6.74 - 11.86)                        | *                   | (* - *)                               | 55.72             | (49.50 - 61.78)                     | 56.42             | (50.58 - 62.09)                     |
| Boards 18 and 47              | 9.57                | (7.55 - 12.06)                        | 63.67               | (58.64 - 68.42)                       | 59.84             | (55.72 - 63.82)                     | 60.35             | (56.58 - 64.00)                     |
| Boards 20, 32, 54, and 69     | 9.95                | (7.61 - 12.92)                        | *                   | (* - *)                               | 52.61             | (46.96 - 58.18)                     | 53.25             | (47.92 - 58.52)                     |
| Boards 21, 39, 51, 70, and 80 | 8.77                | (6.72 - 11.38)                        | *                   | (* - *)                               | 50.60             | (44.88 - 56.31)                     | 50.91             | (45.51 - 56.29)                     |
| Boards 22, 74, and 87         | 10.86               | (8.39 - 13.94)                        | 64.55               | (58.11 - 70.51)                       | 56.37             | (50.42 - 62.14)                     | 57.59             | (52.07 - 62.93)                     |
| Boards 23 and 45              | 9.56                | (7.27 - 12.46)                        | *                   | (* - *)                               | 55.61             | (50.02 - 61.06)                     | 55.96             | (50.72 - 61.07)                     |
| Board 25 (Franklin)           | 8.56                | (6.67 - 10.92)                        | 63.45               | (58.59 - 68.05)                       | 58.69             | (54.40 - 62.86)                     | 59.42             | (55.50 - 63.22)                     |
| Boards 27, 71, and 73         | 9.10                | (6.94 - 11.86)                        | *                   | (* - *)                               | 45.43             | (39.76 - 51.22)                     | 46.18             | (40.81 - 51.64)                     |
| Boards 28, 43, and 67         | 10.95               | (8.48 - 14.03)                        | 67.31               | (61.01 - 73.04)                       | 62.66             | (57.51 - 67.54)                     | 63.32             | (58.51 - 67.88)                     |
| Board 31 (Hamilton)           | 10.38               | (8.05 - 13.29)                        | 63.84               | (57.99 - 69.31)                       | 62.58             | (57.80 - 67.12)                     | 62.76             | (58.34 - 66.97)                     |
| Board 48 (Lucas)              | 9.29                | (7.04 - 12.18)                        | *                   | (* - *)                               | 52.51             | (46.53 - 58.43)                     | 53.51             | (47.91 - 59.02)                     |
| Boards 50 and 76              | 10.07               | (7.84 - 12.84)                        | 62.42               | (56.10 - 68.35)                       | 53.33             | (48.28 - 58.31)                     | 54.50             | (49.77 - 59.15)                     |
| Board 57 (Montgomery)         | 10.32               | (7.82 - 13.50)                        | *                   | (* - *)                               | 56.97             | (51.33 - 62.44)                     | 57.82             | (52.48 - 62.99)                     |
| Board 77 (Summit)             | 10.12               | (7.76 - 13.10)                        | 64.79               | (58.08 - 70.97)                       | 59.66             | (54.21 - 64.89)                     | 60.34             | (55.23 - 65.23)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 10.39               | (8.68 - 12.40)                        | 54.47               | (51.03 - 57.87)                       | 46.64             | (43.84 - 49.46)                     | 47.81             | (45.34 - 50.30)                     |
| Central                               | 11.47               | (8.74 - 14.93)                        | 59.14               | (52.70 - 65.28)                       | 53.31             | (47.67 - 58.87)                     | 54.25             | (49.08 - 59.32)                     |
| East Central                          | 9.64                | (7.21 - 12.78)                        | *                   | (* - *)                               | 39.29             | (33.72 - 45.16)                     | 40.38             | (35.10 - 45.90)                     |
| Northeast                             | 11.37               | (8.58 - 14.92)                        | *                   | (* - *)                               | 45.86             | (40.28 - 51.55)                     | 47.43             | (42.26 - 52.65)                     |
| Northwest and Southwest               | 10.77               | (8.14 - 14.12)                        | 54.86               | (48.03 - 61.52)                       | 46.68             | (41.37 - 52.07)                     | 47.95             | (43.01 - 52.94)                     |
| Oklahoma County                       | 9.73                | (7.33 - 12.80)                        | 56.83               | (50.33 - 63.11)                       | 50.89             | (45.59 - 56.17)                     | 51.74             | (46.81 - 56.65)                     |
| Southeast                             | 10.30               | (7.73 - 13.61)                        | *                   | (* - *)                               | 38.47             | (33.27 - 43.95)                     | 40.14             | (35.23 - 45.26)                     |
| Tulsa County                          | 9.90                | (7.52 - 12.95)                        | 55.06               | (48.45 - 61.50)                       | 49.04             | (43.75 - 54.35)                     | 49.90             | (44.98 - 54.82)                     |
| <b>Oregon</b>                         | 10.96               | (9.26 - 12.92)                        | 63.92               | (60.73 - 67.00)                       | 62.39             | (59.56 - 65.15)                     | 62.60             | (60.05 - 65.08)                     |
| Region 1 (Multnomah)                  | 10.05               | (7.72 - 13.00)                        | 66.56               | (60.51 - 72.12)                       | 66.81             | (62.11 - 71.20)                     | 66.78             | (62.37 - 70.92)                     |
| Region 2                              | 10.84               | (8.54 - 13.68)                        | 66.14               | (60.49 - 71.36)                       | 67.76             | (63.28 - 71.93)                     | 67.55             | (63.39 - 71.45)                     |
| Region 3                              | 10.58               | (8.28 - 13.42)                        | 62.76               | (57.69 - 67.55)                       | 57.12             | (52.53 - 61.59)                     | 57.98             | (53.84 - 62.00)                     |
| Region 4                              | 12.57               | (9.58 - 16.33)                        | 61.69               | (54.92 - 68.03)                       | 60.08             | (54.40 - 65.49)                     | 60.26             | (54.95 - 65.34)                     |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Region 6 (Eastern)                    | 12.15               | (9.11 - 16.02)                        | *                   | (* - *)                               | 58.63             | (51.94 - 65.02)                     | 59.02             | (52.67 - 65.09)                     |
| <b>Pennsylvania</b>                   | 11.00               | (9.74 - 12.40)                        | 63.14               | (60.93 - 65.30)                       | 59.95             | (58.14 - 61.73)                     | 60.38             | (58.77 - 61.98)                     |
| Region 1 (Allegheny)                  | 10.56               | (8.22 - 13.47)                        | 62.47               | (56.48 - 68.11)                       | 63.97             | (59.54 - 68.18)                     | 63.79             | (59.66 - 67.72)                     |
| Regions 3, 8, 9, and 51               | 12.44               | (9.73 - 15.77)                        | 66.40               | (60.61 - 71.74)                       | 60.00             | (54.80 - 64.98)                     | 60.87             | (56.06 - 65.47)                     |
| Regions 4, 11, 37, and 49             | 11.66               | (9.20 - 14.67)                        | 63.16               | (56.58 - 69.28)                       | 61.82             | (56.96 - 66.45)                     | 62.00             | (57.44 - 66.36)                     |
| Regions 5, 18, 23, 24, and 46         | 9.72                | (7.43 - 12.64)                        | 55.35               | (49.02 - 61.52)                       | 50.41             | (45.13 - 55.67)                     | 51.04             | (46.11 - 55.95)                     |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 11.86               | (9.21 - 15.14)                        | 68.56               | (62.87 - 73.75)                       | 57.85             | (52.29 - 63.21)                     | 59.81             | (54.82 - 64.60)                     |
| Regions 7, 13, 20, and 33             | 11.29               | (9.24 - 13.73)                        | 67.01               | (62.49 - 71.24)                       | 67.37             | (63.81 - 70.73)                     | 67.32             | (64.05 - 70.43)                     |
| Regions 10, 15, 27, 32, 43, and 44    | 10.51               | (7.98 - 13.73)                        | *                   | (* - *)                               | 49.38             | (43.56 - 55.21)                     | 49.98             | (44.49 - 55.48)                     |
| Regions 17 and 21                     | 11.82               | (8.95 - 15.45)                        | *                   | (* - *)                               | 59.04             | (53.01 - 64.80)                     | 59.88             | (54.24 - 65.27)                     |
| Regions 19, 26, 28, and 42            | 10.42               | (8.28 - 13.04)                        | 60.05               | (54.68 - 65.19)                       | 56.59             | (52.24 - 60.84)                     | 57.04             | (52.99 - 60.99)                     |
| Regions 22, 38, 40, 41, and 48        | 12.33               | (9.68 - 15.57)                        | 63.52               | (57.02 - 69.55)                       | 59.14             | (53.87 - 64.21)                     | 59.63             | (54.65 - 64.42)                     |
| Regions 29 and 34                     | 11.46               | (8.92 - 14.62)                        | *                   | (* - *)                               | 60.31             | (54.64 - 65.73)                     | 60.23             | (54.86 - 65.37)                     |
| Regions 30 and 50                     | 11.06               | (8.65 - 14.04)                        | 61.88               | (55.34 - 68.02)                       | 55.21             | (49.97 - 60.33)                     | 56.04             | (51.11 - 60.86)                     |
| Region 36 (Philadelphia)              | 9.58                | (7.50 - 12.16)                        | 63.03               | (58.27 - 67.56)                       | 58.20             | (53.61 - 62.65)                     | 59.03             | (54.93 - 63.00)                     |

See notes at end of table.

(continued)



**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 11.91               | (10.02 - 14.09)                       | 67.00               | (63.57 - 70.26)                       | 64.20             | (61.18 - 67.12)                     | 64.64             | (61.95 - 67.24)                     |
| Region 1: Southern Providence<br>County                   | 12.48               | (9.56 - 16.13)                        | 70.27               | (63.89 - 75.94)                       | 64.87             | (59.65 - 69.75)                     | 65.58             | (60.73 - 70.12)                     |
| Region 2: Northern Providence<br>County/Blackstone Valley | 12.44               | (9.62 - 15.94)                        | 63.43               | (56.88 - 69.52)                       | 61.29             | (55.79 - 66.51)                     | 61.56             | (56.43 - 66.45)                     |
| Region 3: Providence                                      | 8.84                | (6.60 - 11.73)                        | 62.68               | (56.35 - 68.59)                       | 54.89             | (49.08 - 60.58)                     | 56.95             | (51.86 - 61.90)                     |
| Region 4: Kent County                                     | 12.85               | (9.84 - 16.61)                        | 68.42               | (61.76 - 74.40)                       | 66.45             | (61.09 - 71.43)                     | 66.68             | (61.65 - 71.35)                     |
| Region 5: East Bay                                        | 13.08               | (9.88 - 17.13)                        | *                   | (* - *)                               | 66.33             | (60.30 - 71.88)                     | 66.88             | (61.24 - 72.07)                     |
| Region 6: Newport County                                  | 11.49               | (8.55 - 15.28)                        | *                   | (* - *)                               | 69.48             | (63.12 - 75.17)                     | 69.75             | (63.77 - 75.13)                     |
| Region 7: South County                                    | 12.86               | (9.75 - 16.77)                        | *                   | (* - *)                               | 71.25             | (65.82 - 76.13)                     | 71.24             | (66.18 - 75.83)                     |
| <b>South Carolina</b>                                     | 8.77                | (7.25 - 10.58)                        | 57.62               | (54.17 - 61.00)                       | 48.02             | (45.25 - 50.81)                     | 49.36             | (46.87 - 51.86)                     |
| Region 1                                                  | 8.95                | (6.88 - 11.57)                        | 53.95               | (48.62 - 59.19)                       | 43.46             | (38.89 - 48.14)                     | 44.93             | (40.76 - 49.16)                     |
| Region 2                                                  | 8.52                | (6.55 - 11.01)                        | 58.98               | (53.37 - 64.36)                       | 50.62             | (46.07 - 55.17)                     | 51.86             | (47.69 - 56.01)                     |
| Region 3                                                  | 8.60                | (6.48 - 11.34)                        | 52.12               | (45.43 - 58.73)                       | 44.55             | (39.69 - 49.52)                     | 45.52             | (40.93 - 50.19)                     |
| Region 4                                                  | 8.90                | (6.78 - 11.61)                        | 63.93               | (58.10 - 69.38)                       | 53.25             | (49.18 - 57.28)                     | 54.73             | (50.98 - 58.43)                     |
| <b>South Dakota</b>                                       | 11.01               | (9.27 - 13.02)                        | 66.52               | (63.43 - 69.47)                       | 62.54             | (59.80 - 65.21)                     | 63.13             | (60.70 - 65.50)                     |
| Region 1                                                  | 10.68               | (8.33 - 13.61)                        | 65.05               | (59.36 - 70.34)                       | 62.06             | (57.71 - 66.22)                     | 62.48             | (58.50 - 66.30)                     |
| Region 2                                                  | 10.34               | (7.73 - 13.70)                        | *                   | (* - *)                               | 59.15             | (52.80 - 65.21)                     | 58.85             | (52.85 - 64.60)                     |
| Region 3                                                  | 11.98               | (9.39 - 15.16)                        | 71.12               | (66.04 - 75.72)                       | 63.38             | (58.81 - 67.72)                     | 64.68             | (60.57 - 68.58)                     |
| Region 4                                                  | 11.74               | (8.98 - 15.21)                        | 68.49               | (62.25 - 74.13)                       | 62.29             | (56.48 - 67.76)                     | 63.28             | (57.97 - 68.29)                     |
| Region 5                                                  | 10.45               | (8.12 - 13.35)                        | 65.00               | (59.74 - 69.92)                       | 63.50             | (59.03 - 67.74)                     | 63.70             | (59.62 - 67.59)                     |
| <b>Tennessee</b>                                          | 8.51                | (7.02 - 10.29)                        | 51.81               | (48.43 - 55.18)                       | 46.16             | (43.36 - 48.99)                     | 46.96             | (44.44 - 49.48)                     |
| Region 1                                                  | 8.50                | (6.33 - 11.32)                        | *                   | (* - *)                               | 37.53             | (31.72 - 43.73)                     | 38.73             | (33.20 - 44.56)                     |
| Region 2                                                  | 8.74                | (6.51 - 11.63)                        | 51.12               | (44.49 - 57.71)                       | 44.40             | (39.39 - 49.53)                     | 45.28             | (40.56 - 50.08)                     |
| Region 3                                                  | 8.34                | (6.26 - 11.03)                        | 49.11               | (42.50 - 55.74)                       | 40.25             | (35.26 - 45.44)                     | 41.44             | (36.79 - 46.25)                     |
| Region 4 (Davidson)                                       | 7.81                | (5.71 - 10.60)                        | *                   | (* - *)                               | 53.96             | (47.74 - 60.07)                     | 54.64             | (48.76 - 60.40)                     |
| Region 5                                                  | 9.45                | (7.25 - 12.22)                        | 53.42               | (47.26 - 59.48)                       | 50.60             | (45.80 - 55.38)                     | 50.99             | (46.61 - 55.37)                     |
| Region 6                                                  | 8.75                | (6.42 - 11.82)                        | *                   | (* - *)                               | 41.74             | (35.69 - 48.05)                     | 43.22             | (37.51 - 49.12)                     |
| Region 7 (Shelby)                                         | 7.03                | (5.22 - 9.39)                         | 49.96               | (43.34 - 56.57)                       | 50.11             | (44.76 - 55.46)                     | 50.09             | (45.14 - 55.04)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 9.64                | (8.59 - 10.81)                        | 53.74               | (51.79 - 55.68)                       | 51.85             | (50.32 - 53.37)                     | 52.14             | (50.78 - 53.49)                     |
| Region 1                                                    | 10.58               | (8.11 - 13.70)                        | *                   | (* - *)                               | 53.54             | (48.25 - 58.76)                     | 54.23             | (49.23 - 59.14)                     |
| Region 2                                                    | 9.81                | (7.44 - 12.82)                        | *                   | (* - *)                               | 48.78             | (43.24 - 54.35)                     | 49.91             | (44.64 - 55.18)                     |
| Region 3                                                    | 8.91                | (7.51 - 10.54)                        | 52.81               | (49.53 - 56.06)                       | 52.18             | (49.73 - 54.61)                     | 52.27             | (50.06 - 54.46)                     |
| Region 3a                                                   | 8.49                | (6.80 - 10.55)                        | 52.94               | (48.76 - 57.09)                       | 51.50             | (48.38 - 54.60)                     | 51.71             | (48.91 - 54.49)                     |
| Region 3bc                                                  | 9.66                | (7.78 - 11.93)                        | 52.56               | (47.59 - 57.48)                       | 53.37             | (49.75 - 56.96)                     | 53.26             | (49.90 - 56.58)                     |
| Region 4                                                    | 9.48                | (7.37 - 12.13)                        | 49.29               | (42.98 - 55.61)                       | 44.57             | (39.78 - 49.46)                     | 45.22             | (40.74 - 49.78)                     |
| Region 5                                                    | 10.19               | (7.81 - 13.20)                        | *                   | (* - *)                               | 47.63             | (42.07 - 53.25)                     | 48.56             | (43.27 - 53.89)                     |
| Region 6                                                    | 9.89                | (8.23 - 11.84)                        | 52.30               | (48.46 - 56.11)                       | 53.40             | (50.58 - 56.19)                     | 53.23             | (50.67 - 55.78)                     |
| Region 6a                                                   | 9.94                | (8.17 - 12.05)                        | 52.31               | (48.16 - 56.43)                       | 53.35             | (50.33 - 56.35)                     | 53.19             | (50.46 - 55.91)                     |
| Region 6bc                                                  | 9.40                | (7.16 - 12.26)                        | *                   | (* - *)                               | 53.75             | (47.84 - 59.56)                     | 53.54             | (47.89 - 59.10)                     |
| Region 7                                                    | 9.88                | (8.16 - 11.91)                        | 60.72               | (56.65 - 64.65)                       | 57.23             | (54.05 - 60.34)                     | 57.83             | (54.90 - 60.70)                     |
| Region 7a                                                   | 10.22               | (8.11 - 12.81)                        | 61.29               | (55.77 - 66.53)                       | 61.21             | (57.15 - 65.11)                     | 61.22             | (57.43 - 64.88)                     |
| Region 7bcd                                                 | 9.25                | (7.17 - 11.84)                        | 59.96               | (54.12 - 65.53)                       | 49.78             | (44.85 - 54.72)                     | 51.86             | (47.37 - 56.32)                     |
| Region 8                                                    | 10.53               | (8.45 - 13.04)                        | 57.25               | (52.25 - 62.11)                       | 53.29             | (49.48 - 57.07)                     | 53.91             | (50.42 - 57.35)                     |
| Region 9                                                    | 10.60               | (8.14 - 13.69)                        | *                   | (* - *)                               | 52.95             | (46.58 - 59.21)                     | 53.34             | (47.29 - 59.29)                     |
| Region 10                                                   | 9.52                | (7.38 - 12.20)                        | 51.35               | (44.54 - 58.11)                       | 45.43             | (39.93 - 51.05)                     | 46.47             | (41.33 - 51.69)                     |
| Region 11                                                   | 9.30                | (7.56 - 11.38)                        | 45.52               | (40.90 - 50.21)                       | 43.68             | (39.80 - 47.64)                     | 44.00             | (40.44 - 47.62)                     |
| Region 11abd                                                | 9.34                | (7.25 - 11.96)                        | 45.51               | (39.68 - 51.47)                       | 44.47             | (39.55 - 49.51)                     | 44.65             | (40.10 - 49.29)                     |
| Region 11c (Hidalgo)                                        | 9.23                | (7.03 - 12.03)                        | 45.53               | (38.96 - 52.26)                       | 42.27             | (36.92 - 47.81)                     | 42.86             | (37.89 - 47.99)                     |
| <b>Utah</b>                                                 | 5.36                | (4.02 - 7.12)                         | 35.09               | (31.50 - 38.86)                       | 32.29             | (29.84 - 34.84)                     | 32.81             | (30.63 - 35.06)                     |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | 5.04                | (3.37 - 7.46)                         | *                   | (* - *)                               | 28.19             | (23.34 - 33.60)                     | 28.85             | (24.21 - 33.98)                     |
| Central, Four Corners, San<br>Juan, and Southwest           | 5.73                | (3.99 - 8.18)                         | 32.61               | (26.56 - 39.30)                       | 27.92             | (23.56 - 32.73)                     | 28.75             | (24.56 - 33.33)                     |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | 26.99             | (21.45 - 33.36)                     | 27.87             | (22.42 - 34.07)                     |
| Southwest                                                   | 5.63                | (3.73 - 8.40)                         | *                   | (* - *)                               | 28.49             | (23.17 - 34.48)                     | 29.29             | (24.18 - 34.98)                     |
| Davis County                                                | 5.07                | (3.39 - 7.52)                         | *                   | (* - *)                               | 31.23             | (25.82 - 37.20)                     | 31.32             | (26.22 - 36.91)                     |
| Salt Lake County                                            | 6.10                | (4.42 - 8.36)                         | 44.49               | (39.32 - 49.79)                       | 38.74             | (35.37 - 42.21)                     | 39.67             | (36.60 - 42.82)                     |
| Utah County                                                 | 3.97                | (2.64 - 5.94)                         | 25.82               | (20.71 - 31.69)                       | 23.02             | (19.03 - 27.58)                     | 23.73             | (20.16 - 27.72)                     |
| Weber, Morgan                                               | 5.92                | (3.97 - 8.73)                         | *                   | (* - *)                               | 33.85             | (28.36 - 39.82)                     | 34.47             | (29.31 - 40.04)                     |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 13.57               | (11.51 - 15.93)                       | 71.39               | (67.94 - 74.61)                       | 64.50             | (61.45 - 67.42)                     | 65.52             | (62.81 - 68.14)                     |
| Champlain Valley                      | 13.62               | (10.89 - 16.90)                       | 75.93               | (71.42 - 79.93)                       | 67.72             | (63.55 - 71.62)                     | 69.15             | (65.45 - 72.62)                     |
| Rural Northeast                       | 13.82               | (10.82 - 17.49)                       | 70.62               | (64.09 - 76.41)                       | 64.25             | (58.76 - 69.39)                     | 65.13             | (60.03 - 69.90)                     |
| Rural Southeast                       | 14.05               | (10.90 - 17.92)                       | 66.34               | (59.84 - 72.27)                       | 63.38             | (58.28 - 68.21)                     | 63.73             | (58.97 - 68.24)                     |
| Rural Southwest                       | 12.38               | (9.50 - 15.98)                        | *                   | (* - *)                               | 58.40             | (52.75 - 63.84)                     | 59.14             | (53.82 - 64.25)                     |
| <b>Virginia</b>                       | 10.80               | (9.32 - 12.48)                        | 60.71               | (57.96 - 63.39)                       | 55.23             | (53.03 - 57.41)                     | 56.00             | (54.03 - 57.96)                     |
| Region 1                              | 10.90               | (8.55 - 13.81)                        | 63.08               | (57.23 - 68.57)                       | 55.19             | (50.55 - 59.73)                     | 56.43             | (52.18 - 60.58)                     |
| Region 2                              | 10.97               | (8.81 - 13.57)                        | 58.65               | (53.61 - 63.51)                       | 60.91             | (56.98 - 64.70)                     | 60.64             | (57.02 - 64.15)                     |
| Region 3                              | 11.86               | (9.37 - 14.89)                        | 59.64               | (54.43 - 64.63)                       | 44.21             | (39.95 - 48.56)                     | 46.47             | (42.54 - 50.46)                     |
| Region 4                              | 9.57                | (7.47 - 12.19)                        | 62.09               | (56.50 - 67.38)                       | 55.98             | (51.45 - 60.41)                     | 56.86             | (52.69 - 60.93)                     |
| Region 5                              | 10.71               | (8.55 - 13.33)                        | 60.79               | (55.84 - 65.53)                       | 55.61             | (51.68 - 59.47)                     | 56.42             | (52.83 - 59.95)                     |
| <b>Washington</b>                     | 9.27                | (7.66 - 11.19)                        | 57.40               | (54.08 - 60.66)                       | 61.09             | (58.09 - 64.00)                     | 60.58             | (57.89 - 63.21)                     |
| Region 1                              | 9.26                | (7.23 - 11.79)                        | 54.16               | (48.85 - 59.38)                       | 55.31             | (50.56 - 59.97)                     | 55.13             | (50.77 - 59.41)                     |
| Greater Columbia and North<br>Central | 8.29                | (6.13 - 11.11)                        | 49.44               | (42.85 - 56.05)                       | 50.86             | (44.91 - 56.79)                     | 50.62             | (45.20 - 56.03)                     |
| Spokane                               | 10.91               | (8.07 - 14.60)                        | *                   | (* - *)                               | 61.54             | (55.13 - 67.57)                     | 61.66             | (55.56 - 67.41)                     |
| Region 2                              | 9.12                | (7.23 - 11.45)                        | 60.14               | (55.70 - 64.42)                       | 64.26             | (60.60 - 67.76)                     | 63.73             | (60.37 - 66.95)                     |
| King                                  | 9.01                | (6.84 - 11.78)                        | 62.75               | (57.18 - 68.00)                       | 65.52             | (61.25 - 69.56)                     | 65.18             | (61.24 - 68.92)                     |
| North Sound                           | 9.30                | (6.91 - 12.41)                        | 55.89               | (49.27 - 62.30)                       | 61.97             | (56.30 - 67.33)                     | 61.14             | (55.84 - 66.19)                     |
| Region 3                              | 9.48                | (7.66 - 11.68)                        | 56.19               | (51.62 - 60.65)                       | 60.23             | (56.29 - 64.04)                     | 59.68             | (56.06 - 63.20)                     |
| Pierce                                | 8.59                | (6.39 - 11.46)                        | 53.42               | (46.92 - 59.81)                       | 60.13             | (54.69 - 65.33)                     | 59.15             | (54.12 - 64.00)                     |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| SW WA and Great Rivers                | 10.33               | (7.68 - 13.74)                        | *                   | (* - *)                               | 59.91             | (53.93 - 65.60)                     | 59.65             | (54.02 - 65.04)                     |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |

See notes at end of table.

(continued)

**Table 6 Alcohol Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 10.53               | (8.83 - 12.52)                        | 55.98               | (52.60 - 59.29)                       | 40.42             | (37.56 - 43.35)                     | 42.43             | (39.85 - 45.06)                     |
| Region I                      | 11.62               | (8.65 - 15.46)                        | *                   | (* - *)                               | *                 | (* - *)                             | 45.47             | (39.07 - 52.02)                     |
| Region II                     | 11.00               | (8.40 - 14.28)                        | *                   | (* - *)                               | 49.36             | (43.50 - 55.24)                     | 50.52             | (44.97 - 56.05)                     |
| Region III                    | 10.39               | (7.74 - 13.82)                        | *                   | (* - *)                               | 37.98             | (32.12 - 44.22)                     | 39.46             | (33.83 - 45.38)                     |
| Region IV                     | 10.89               | (8.47 - 13.88)                        | 63.70               | (58.20 - 68.86)                       | 43.31             | (38.44 - 48.32)                     | 46.74             | (42.36 - 51.17)                     |
| Region V                      | 9.94                | (7.68 - 12.77)                        | 53.09               | (47.28 - 58.82)                       | 38.59             | (34.08 - 43.31)                     | 40.30             | (36.10 - 44.66)                     |
| Region VI                     | 10.28               | (7.87 - 13.32)                        | 45.60               | (39.39 - 51.96)                       | 33.01             | (28.49 - 37.86)                     | 34.43             | (30.14 - 38.98)                     |
| <b>Wisconsin</b>              | 11.71               | (9.89 - 13.81)                        | 69.26               | (66.28 - 72.08)                       | 66.56             | (63.78 - 69.22)                     | 66.94             | (64.47 - 69.32)                     |
| Milwaukee                     | 10.07               | (7.63 - 13.18)                        | 64.14               | (58.40 - 69.50)                       | 64.66             | (59.53 - 69.48)                     | 64.57             | (59.94 - 68.95)                     |
| Northeastern                  | 12.48               | (9.60 - 16.07)                        | 71.52               | (65.93 - 76.53)                       | 67.43             | (62.79 - 71.76)                     | 67.97             | (63.68 - 71.98)                     |
| Northern                      | 11.85               | (8.93 - 15.57)                        | *                   | (* - *)                               | 61.32             | (55.14 - 67.15)                     | 62.09             | (56.25 - 67.60)                     |
| Southeastern                  | 11.91               | (9.25 - 15.19)                        | 68.44               | (62.41 - 73.90)                       | 70.78             | (66.05 - 75.10)                     | 70.46             | (66.08 - 74.50)                     |
| Southern                      | 12.03               | (9.30 - 15.42)                        | 71.40               | (66.12 - 76.16)                       | 67.91             | (63.20 - 72.28)                     | 68.40             | (64.11 - 72.40)                     |
| Western                       | 11.76               | (8.97 - 15.27)                        | 71.86               | (65.95 - 77.10)                       | 62.43             | (56.45 - 68.05)                     | 63.87             | (58.42 - 68.98)                     |
| <b>Wyoming</b>                | 11.20               | (9.36 - 13.35)                        | 62.29               | (59.00 - 65.47)                       | 56.50             | (53.61 - 59.34)                     | 57.33             | (54.77 - 59.85)                     |
| Judicial District 1 (Laramie) | 11.31               | (8.56 - 14.79)                        | *                   | (* - *)                               | 56.79             | (51.62 - 61.82)                     | 57.32             | (52.48 - 62.03)                     |
| Judicial District 2           | 11.00               | (8.17 - 14.66)                        | 72.76               | (67.24 - 77.65)                       | 60.37             | (54.24 - 66.19)                     | 63.71             | (58.59 - 68.53)                     |
| Judicial District 3           | 10.25               | (7.74 - 13.46)                        | *                   | (* - *)                               | 49.35             | (43.59 - 55.12)                     | 50.09             | (44.68 - 55.51)                     |
| Judicial District 4           | 11.86               | (8.83 - 15.76)                        | *                   | (* - *)                               | *                 | (* - *)                             | *                 | (* - *)                             |
| Judicial District 5           | 11.57               | (8.63 - 15.34)                        | *                   | (* - *)                               | 56.67             | (50.53 - 62.61)                     | 57.30             | (51.50 - 62.92)                     |
| Judicial District 6           | 11.77               | (8.93 - 15.36)                        | 61.06               | (54.55 - 67.20)                       | 57.82             | (52.04 - 63.39)                     | 58.27             | (52.92 - 63.43)                     |
| Judicial District 7 (Natrona) | 10.65               | (8.07 - 13.92)                        | *                   | (* - *)                               | 57.44             | (52.06 - 62.66)                     | 57.83             | (52.81 - 62.70)                     |
| Judicial District 8           | 11.88               | (8.87 - 15.73)                        | *                   | (* - *)                               | *                 | (* - *)                             | 53.19             | (46.73 - 59.55)                     |
| Judicial District 9           | 11.50               | (8.59 - 15.24)                        | *                   | (* - *)                               | 59.11             | (53.05 - 64.90)                     | 59.17             | (53.42 - 64.68)                     |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 6.10                | (5.85 - 6.37)                         | 32.68               | (32.07 - 33.29)                       | 24.97             | (24.59 - 25.35)                     | 26.08             | (25.73 - 26.43)                     |
| <b>Northeast</b>           | 5.64                | (5.18 - 6.13)                         | 32.30               | (31.21 - 33.40)                       | 23.63             | (22.83 - 24.44)                     | 24.84             | (24.13 - 25.56)                     |
| <b>Midwest</b>             | 7.19                | (6.73 - 7.68)                         | 36.93               | (36.00 - 37.87)                       | 27.93             | (27.18 - 28.70)                     | 29.23             | (28.58 - 29.90)                     |
| <b>South</b>               | 6.45                | (6.07 - 6.85)                         | 33.88               | (33.08 - 34.70)                       | 26.97             | (26.32 - 27.63)                     | 27.96             | (27.39 - 28.53)                     |
| <b>West</b>                | 4.91                | (4.48 - 5.37)                         | 27.35               | (26.30 - 28.41)                       | 20.14             | (19.40 - 20.91)                     | 21.20             | (20.54 - 21.87)                     |
| <b>Alabama</b>             | 8.22                | (6.84 - 9.86)                         | 40.01               | (36.79 - 43.31)                       | 30.89             | (28.58 - 33.29)                     | 32.19             | (30.05 - 34.40)                     |
| Region 1                   | 9.18                | (7.09 - 11.80)                        | 41.18               | (35.63 - 46.97)                       | 33.90             | (30.12 - 37.91)                     | 34.85             | (31.32 - 38.55)                     |
| Region 2                   | 7.72                | (5.91 - 10.02)                        | 42.33               | (37.14 - 47.69)                       | 30.27             | (26.81 - 33.97)                     | 32.03             | (28.82 - 35.41)                     |
| Region 3                   | 6.25                | (4.62 - 8.41)                         | 33.01               | (27.53 - 39.00)                       | 27.05             | (23.23 - 31.25)                     | 28.06             | (24.50 - 31.93)                     |
| Region 4                   | 9.25                | (7.12 - 11.94)                        | 42.18               | (36.46 - 48.12)                       | 30.89             | (26.98 - 35.10)                     | 32.39             | (28.76 - 36.25)                     |
| <b>Alaska</b>              | 10.31               | (8.58 - 12.34)                        | 41.25               | (37.98 - 44.59)                       | 31.70             | (29.35 - 34.15)                     | 33.19             | (31.07 - 35.39)                     |
| Anchorage                  | 8.09                | (6.30 - 10.33)                        | 35.68               | (31.37 - 40.23)                       | 27.58             | (24.75 - 30.61)                     | 28.87             | (26.29 - 31.59)                     |
| Northern                   | 12.08               | (9.19 - 15.73)                        | 45.94               | (39.89 - 52.11)                       | 39.56             | (35.02 - 44.28)                     | 40.72             | (36.69 - 44.88)                     |
| South Central              | 11.90               | (9.26 - 15.17)                        | 46.24               | (40.41 - 52.17)                       | 32.54             | (28.63 - 36.72)                     | 34.49             | (30.88 - 38.29)                     |
| Southeast                  | 10.82               | (8.07 - 14.35)                        | *                   | (* - *)                               | 29.72             | (25.06 - 34.84)                     | 31.09             | (26.68 - 35.88)                     |
| <b>Arizona</b>             | 5.09                | (4.01 - 6.42)                         | 30.83               | (27.75 - 34.10)                       | 22.84             | (20.73 - 25.10)                     | 24.01             | (22.07 - 26.05)                     |
| Central                    | 4.91                | (3.69 - 6.50)                         | 29.87               | (26.11 - 33.92)                       | 21.76             | (19.29 - 24.45)                     | 22.95             | (20.71 - 25.35)                     |
| North                      | 7.33                | (5.36 - 9.93)                         | *                   | (* - *)                               | 26.90             | (22.54 - 31.76)                     | 28.35             | (24.20 - 32.91)                     |
| South                      | 4.59                | (3.47 - 6.04)                         | 30.18               | (25.62 - 35.16)                       | 23.36             | (20.22 - 26.81)                     | 24.36             | (21.40 - 27.59)                     |
| South A                    | 4.19                | (2.99 - 5.84)                         | 29.62               | (24.26 - 35.61)                       | 21.48             | (18.05 - 25.37)                     | 22.67             | (19.44 - 26.27)                     |
| South B                    | 5.00                | (3.62 - 6.86)                         | *                   | (* - *)                               | 25.66             | (21.20 - 30.68)                     | 26.43             | (22.21 - 31.13)                     |
| <b>Arkansas</b>            | 8.70                | (7.26 - 10.39)                        | 39.38               | (36.06 - 42.80)                       | 35.50             | (32.98 - 38.10)                     | 36.05             | (33.75 - 38.42)                     |
| Catchment Area 1           | 5.92                | (4.30 - 8.10)                         | 33.38               | (27.79 - 39.48)                       | 28.30             | (24.45 - 32.50)                     | 29.11             | (25.58 - 32.92)                     |
| Catchment Area 2           | 12.53               | (9.38 - 16.55)                        | 43.48               | (37.06 - 50.12)                       | 39.93             | (34.78 - 45.30)                     | 40.37             | (35.62 - 45.31)                     |
| Catchment Area 3           | 8.85                | (6.63 - 11.73)                        | 37.92               | (31.72 - 44.55)                       | 36.63             | (31.85 - 41.68)                     | 36.82             | (32.45 - 41.41)                     |
| Catchment Area 4           | 9.23                | (6.98 - 12.12)                        | *                   | (* - *)                               | 36.82             | (31.98 - 41.94)                     | 37.37             | (32.86 - 42.11)                     |
| Catchment Area 5           | 8.76                | (6.65 - 11.46)                        | 38.34               | (32.61 - 44.40)                       | 35.11             | (30.59 - 39.91)                     | 35.63             | (31.52 - 39.96)                     |
| Catchment Area 6           | 9.34                | (6.93 - 12.46)                        | *                   | (* - *)                               | 39.08             | (33.98 - 44.42)                     | 39.54             | (34.78 - 44.50)                     |
| Catchment Area 7           | 9.16                | (6.93 - 12.02)                        | *                   | (* - *)                               | 38.94             | (33.65 - 44.51)                     | 39.39             | (34.45 - 44.55)                     |
| Catchment Area 8           | 8.38                | (6.26 - 11.11)                        | 42.19               | (35.72 - 48.94)                       | 34.83             | (30.39 - 39.54)                     | 35.79             | (31.65 - 40.16)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 4.02                | (3.44 - 4.70)                         | 23.82               | (22.27 - 25.44)                       | 17.86             | (16.85 - 18.92)                     | 18.76             | (17.84 - 19.70)                     |
| Region 1R                   | 6.58                | (4.96 - 8.69)                         | 34.42               | (28.74 - 40.59)                       | 25.97             | (22.10 - 30.25)                     | 27.17             | (23.53 - 31.14)                     |
| Region 2R                   | 5.14                | (3.81 - 6.88)                         | 28.31               | (23.26 - 33.97)                       | 19.44             | (16.41 - 22.88)                     | 20.78             | (17.89 - 23.99)                     |
| Region 3R (Sacramento)      | 4.42                | (3.33 - 5.86)                         | 23.90               | (19.63 - 28.76)                       | 20.46             | (17.66 - 23.57)                     | 20.96             | (18.37 - 23.81)                     |
| Region 4R                   | 3.91                | (2.95 - 5.16)                         | 26.63               | (21.58 - 32.37)                       | 18.03             | (15.26 - 21.19)                     | 19.14             | (16.46 - 22.14)                     |
| Region 5R (San Francisco)   | *                   | (* - *)                               | 24.43               | (19.28 - 30.43)                       | 16.09             | (13.19 - 19.48)                     | 16.92             | (14.08 - 20.19)                     |
| Region 6 (Santa Clara)      | 3.12                | (2.32 - 4.19)                         | 19.75               | (15.97 - 24.16)                       | 12.81             | (10.82 - 15.11)                     | 13.71             | (11.80 - 15.88)                     |
| Region 7R (Contra Costa)    | 3.76                | (2.80 - 5.04)                         | 24.01               | (19.60 - 29.05)                       | 16.29             | (13.75 - 19.19)                     | 17.31             | (14.87 - 20.06)                     |
| Region 8R (Alameda)         | 3.90                | (2.90 - 5.23)                         | 22.87               | (18.51 - 27.91)                       | 14.82             | (12.36 - 17.67)                     | 15.89             | (13.54 - 18.56)                     |
| Region 9R (San Mateo)       | 3.23                | (2.32 - 4.47)                         | 22.73               | (17.68 - 28.70)                       | 14.03             | (11.50 - 16.99)                     | 15.01             | (12.51 - 17.89)                     |
| Region 10                   | 3.93                | (2.88 - 5.35)                         | 25.36               | (20.43 - 31.02)                       | 17.93             | (14.90 - 21.42)                     | 19.15             | (16.23 - 22.46)                     |
| Region 11 (Los Angeles)     | 3.91                | (3.24 - 4.71)                         | 22.42               | (20.36 - 24.62)                       | 16.34             | (15.04 - 17.72)                     | 17.25             | (16.06 - 18.52)                     |
| LA SPA 1 and 5              | 3.80                | (2.82 - 5.11)                         | 23.35               | (18.94 - 28.42)                       | 16.40             | (13.77 - 19.42)                     | 17.44             | (14.94 - 20.27)                     |
| LA SPA 2                    | 4.19                | (3.13 - 5.58)                         | 22.53               | (18.53 - 27.11)                       | 15.74             | (13.40 - 18.40)                     | 16.69             | (14.48 - 19.15)                     |
| LA SPA 3                    | 3.55                | (2.64 - 4.74)                         | 20.45               | (16.50 - 25.06)                       | 14.13             | (11.74 - 16.92)                     | 15.06             | (12.78 - 17.67)                     |
| LA SPA 4                    | 4.21                | (3.08 - 5.72)                         | 22.52               | (17.92 - 27.89)                       | 18.09             | (15.12 - 21.49)                     | 18.68             | (15.88 - 21.85)                     |
| LA SPA 6                    | 4.25                | (3.10 - 5.81)                         | 23.34               | (18.73 - 28.67)                       | 20.36             | (16.95 - 24.26)                     | 20.94             | (17.81 - 24.45)                     |
| LA SPA 7                    | 3.66                | (2.70 - 4.96)                         | 23.02               | (18.54 - 28.21)                       | 15.39             | (12.65 - 18.59)                     | 16.66             | (14.05 - 19.63)                     |
| LA SPA 8                    | 3.79                | (2.85 - 5.01)                         | 22.50               | (18.30 - 27.34)                       | 16.79             | (14.22 - 19.72)                     | 17.61             | (15.15 - 20.37)                     |
| Region 12R                  | 4.17                | (3.08 - 5.63)                         | 23.98               | (19.17 - 29.55)                       | 22.72             | (19.09 - 26.80)                     | 22.91             | (19.55 - 26.66)                     |
| Regions 13 and 19R          | 3.85                | (2.92 - 5.07)                         | 20.65               | (17.21 - 24.58)                       | 19.50             | (16.83 - 22.48)                     | 19.69             | (17.26 - 22.36)                     |
| Region 14 (Orange)          | 3.85                | (2.93 - 5.05)                         | 23.44               | (19.49 - 27.91)                       | 15.25             | (12.99 - 17.81)                     | 16.43             | (14.31 - 18.79)                     |
| Region 15R (Fresno)         | 4.06                | (3.00 - 5.47)                         | 23.98               | (19.29 - 29.39)                       | 20.72             | (17.44 - 24.42)                     | 21.28             | (18.24 - 24.69)                     |
| Region 16R (San Diego)      | 4.13                | (3.17 - 5.35)                         | 25.44               | (21.42 - 29.94)                       | 18.42             | (15.99 - 21.11)                     | 19.51             | (17.26 - 21.97)                     |
| Region 17R                  | 4.21                | (3.16 - 5.59)                         | 25.88               | (21.57 - 30.71)                       | 23.26             | (20.13 - 26.72)                     | 23.71             | (20.86 - 26.82)                     |
| Region 18R (San Bernardino) | 3.91                | (2.95 - 5.16)                         | 23.87               | (19.86 - 28.39)                       | 21.52             | (18.53 - 24.84)                     | 21.92             | (19.23 - 24.87)                     |
| Region 20R                  | 4.04                | (3.01 - 5.40)                         | 24.31               | (19.68 - 29.64)                       | 21.72             | (18.30 - 25.58)                     | 22.15             | (18.99 - 25.67)                     |
| Region 21R                  | 4.62                | (3.45 - 6.17)                         | 25.45               | (20.46 - 31.18)                       | 19.07             | (15.93 - 22.66)                     | 20.12             | (17.09 - 23.54)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 5.76                | (4.64 - 7.14)                         | 34.68               | (31.51 - 37.99)                       | 22.24             | (20.17 - 24.46)                     | 24.03             | (22.10 - 26.08)                     |
| Region 1                                  | 6.92                | (5.04 - 9.44)                         | 37.99               | (31.95 - 44.43)                       | 21.06             | (17.76 - 24.78)                     | 23.50             | (20.39 - 26.93)                     |
| Region 2                                  | 5.21                | (3.76 - 7.18)                         | *                   | (* - *)                               | 24.54             | (20.36 - 29.27)                     | 26.03             | (22.02 - 30.48)                     |
| Region 3                                  | 5.78                | (4.34 - 7.68)                         | 32.87               | (27.93 - 38.23)                       | 22.52             | (19.24 - 26.19)                     | 23.96             | (20.90 - 27.32)                     |
| Region 4                                  | 5.51                | (4.00 - 7.54)                         | *                   | (* - *)                               | 27.72             | (23.18 - 32.77)                     | 28.99             | (24.66 - 33.74)                     |
| Region 5                                  | 4.63                | (3.35 - 6.36)                         | 32.50               | (26.83 - 38.74)                       | 22.60             | (18.85 - 26.85)                     | 23.94             | (20.39 - 27.90)                     |
| Region 6                                  | 5.53                | (4.05 - 7.50)                         | 34.18               | (28.55 - 40.31)                       | 18.98             | (15.97 - 22.40)                     | 21.13             | (18.26 - 24.32)                     |
| Region 7                                  | 6.00                | (4.42 - 8.10)                         | *                   | (* - *)                               | 22.95             | (19.33 - 27.01)                     | 24.98             | (21.51 - 28.80)                     |
| <b>Connecticut</b>                        | 5.58                | (4.47 - 6.94)                         | 35.40               | (32.04 - 38.90)                       | 22.01             | (19.84 - 24.33)                     | 23.87             | (21.86 - 26.01)                     |
| Eastern                                   | 6.69                | (4.83 - 9.18)                         | *                   | (* - *)                               | 26.88             | (22.63 - 31.61)                     | 28.85             | (24.85 - 33.20)                     |
| North Central                             | 5.27                | (3.85 - 7.17)                         | 39.61               | (33.96 - 45.55)                       | 21.76             | (18.61 - 25.28)                     | 24.15             | (21.18 - 27.39)                     |
| Northwestern                              | 5.89                | (4.32 - 8.00)                         | 35.18               | (29.33 - 41.52)                       | 21.91             | (18.42 - 25.86)                     | 23.59             | (20.28 - 27.26)                     |
| South Central                             | 6.00                | (4.42 - 8.09)                         | 33.60               | (28.05 - 39.65)                       | 22.85             | (19.32 - 26.80)                     | 24.37             | (21.08 - 27.99)                     |
| Southwest                                 | 4.72                | (3.45 - 6.42)                         | 29.43               | (23.98 - 35.54)                       | 18.43             | (15.23 - 22.13)                     | 19.91             | (16.85 - 23.38)                     |
| <b>Delaware</b>                           | 5.34                | (4.29 - 6.62)                         | 33.25               | (30.22 - 36.44)                       | 24.82             | (22.57 - 27.22)                     | 25.96             | (23.90 - 28.15)                     |
| Kent                                      | 5.97                | (4.43 - 8.00)                         | 33.49               | (28.10 - 39.35)                       | 26.98             | (23.09 - 31.26)                     | 27.97             | (24.39 - 31.87)                     |
| New Castle (excluding<br>Wilmington City) | 4.94                | (3.73 - 6.51)                         | 31.61               | (27.75 - 35.75)                       | 21.94             | (19.28 - 24.86)                     | 23.34             | (20.92 - 25.96)                     |
| Sussex                                    | 6.16                | (4.58 - 8.25)                         | 36.94               | (30.99 - 43.31)                       | 27.64             | (23.70 - 31.95)                     | 28.59             | (24.86 - 32.63)                     |
| Wilmington City                           | 4.39                | (3.14 - 6.10)                         | *                   | (* - *)                               | 29.85             | (24.95 - 35.26)                     | 30.69             | (26.08 - 35.72)                     |
| <b>District of Columbia</b>               | 4.85                | (3.76 - 6.23)                         | 30.50               | (27.21 - 34.00)                       | 23.57             | (21.38 - 25.90)                     | 24.75             | (22.72 - 26.91)                     |
| Ward 1                                    | *                   | (* - *)                               | 25.36               | (20.22 - 31.30)                       | 22.35             | (18.28 - 27.03)                     | 22.89             | (19.11 - 27.15)                     |
| Ward 2                                    | *                   | (* - *)                               | 28.00               | (22.51 - 34.23)                       | 21.40             | (17.72 - 25.61)                     | 23.09             | (19.64 - 26.95)                     |
| Ward 3                                    | 6.69                | (4.78 - 9.28)                         | 27.64               | (21.95 - 34.16)                       | 17.98             | (14.73 - 21.76)                     | 19.57             | (16.45 - 23.12)                     |
| Ward 4                                    | 5.53                | (3.95 - 7.70)                         | *                   | (* - *)                               | 20.79             | (17.18 - 24.92)                     | 22.06             | (18.52 - 26.06)                     |
| Ward 5                                    | 4.69                | (3.31 - 6.61)                         | *                   | (* - *)                               | 25.12             | (21.03 - 29.70)                     | 27.01             | (23.11 - 31.29)                     |
| Ward 6                                    | 4.28                | (2.98 - 6.13)                         | 27.86               | (22.85 - 33.50)                       | 20.52             | (17.12 - 24.39)                     | 21.43             | (18.21 - 25.04)                     |
| Ward 7                                    | 3.90                | (2.70 - 5.60)                         | 33.70               | (27.69 - 40.29)                       | 29.31             | (24.82 - 34.24)                     | 30.03             | (25.86 - 34.55)                     |
| Ward 8                                    | 4.37                | (3.07 - 6.19)                         | *                   | (* - *)                               | 33.71             | (29.00 - 38.77)                     | 34.05             | (29.68 - 38.70)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 4.91                | (4.22 - 5.69)                         | 27.71               | (26.00 - 29.50)                       | 22.54             | (21.26 - 23.87)                     | 23.19             | (22.03 - 24.38)                     |
| Broward (Circuit 17)                                                    | 3.66                | (2.78 - 4.82)                         | 25.18               | (21.03 - 29.85)                       | 19.48             | (16.69 - 22.61)                     | 20.17             | (17.53 - 23.10)                     |
| Central I                                                               | 4.35                | (3.51 - 5.39)                         | 24.13               | (21.17 - 27.36)                       | 20.86             | (18.67 - 23.23)                     | 21.32             | (19.36 - 23.43)                     |
| Circuit 9                                                               | 3.52                | (2.64 - 4.68)                         | 20.98               | (17.67 - 24.72)                       | 18.82             | (16.27 - 21.66)                     | 19.16             | (16.88 - 21.65)                     |
| Circuit 18                                                              | 5.69                | (4.38 - 7.36)                         | 30.17               | (25.09 - 35.78)                       | 23.71             | (20.38 - 27.40)                     | 24.50             | (21.41 - 27.87)                     |
| Central II                                                              | 5.21                | (4.36 - 6.21)                         | 31.17               | (28.56 - 33.91)                       | 24.18             | (22.39 - 26.06)                     | 24.96             | (23.30 - 26.70)                     |
| Circuit 6                                                               | 6.10                | (4.67 - 7.94)                         | 31.03               | (26.00 - 36.55)                       | 26.74             | (23.32 - 30.46)                     | 27.18             | (23.99 - 30.62)                     |
| Circuit 10                                                              | 5.28                | (3.96 - 7.00)                         | 33.52               | (28.28 - 39.19)                       | 27.66             | (23.80 - 31.87)                     | 28.39             | (24.79 - 32.29)                     |
| Circuit 12                                                              | 5.48                | (4.11 - 7.27)                         | 33.48               | (27.57 - 39.96)                       | 21.10             | (17.84 - 24.76)                     | 22.26             | (19.14 - 25.74)                     |
| Circuit 13 (Hillsborough)                                               | 4.49                | (3.40 - 5.91)                         | 29.69               | (25.45 - 34.30)                       | 24.61             | (21.42 - 28.09)                     | 25.32             | (22.39 - 28.49)                     |
| Circuit 20                                                              | 4.89                | (3.62 - 6.57)                         | 30.35               | (24.98 - 36.32)                       | 20.76             | (17.48 - 24.47)                     | 21.73             | (18.59 - 25.23)                     |
| Northeast                                                               | 6.14                | (5.10 - 7.37)                         | 31.95               | (28.77 - 35.31)                       | 25.80             | (23.59 - 28.14)                     | 26.59             | (24.54 - 28.75)                     |
| Circuit 4                                                               | 5.80                | (4.38 - 7.66)                         | 31.75               | (26.39 - 37.64)                       | 25.52             | (21.96 - 29.44)                     | 26.37             | (23.04 - 30.00)                     |
| Circuit 5                                                               | 6.31                | (4.84 - 8.19)                         | 32.74               | (27.17 - 38.85)                       | 25.52             | (21.91 - 29.51)                     | 26.21             | (22.78 - 29.95)                     |
| Circuit 7                                                               | 6.19                | (4.70 - 8.12)                         | 35.59               | (29.97 - 41.63)                       | 24.94             | (21.27 - 29.00)                     | 26.17             | (22.70 - 29.96)                     |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | 6.54                | (4.92 - 8.65)                         | 27.94               | (22.54 - 34.05)                       | 28.66             | (24.26 - 33.50)                     | 28.50             | (24.46 - 32.92)                     |
| Northwest                                                               | 6.77                | (5.51 - 8.30)                         | 30.65               | (27.37 - 34.13)                       | 26.30             | (23.70 - 29.07)                     | 26.99             | (24.67 - 29.44)                     |
| Circuit 1                                                               | 6.33                | (4.78 - 8.34)                         | 29.87               | (24.96 - 35.28)                       | 24.60             | (20.99 - 28.60)                     | 25.35             | (22.05 - 28.96)                     |
| Circuit 2 plus Madison and<br>Taylor                                    | 6.43                | (4.83 - 8.51)                         | 29.48               | (24.70 - 34.75)                       | 25.62             | (21.77 - 29.89)                     | 26.42             | (23.01 - 30.14)                     |
| Circuit 14                                                              | *                   | (* - *)                               | 35.73               | (29.67 - 42.27)                       | 31.15             | (26.45 - 36.27)                     | 31.72             | (27.35 - 36.45)                     |
| South (Circuits 11 and 16)                                              | 3.23                | (2.38 - 4.37)                         | 18.08               | (14.88 - 21.80)                       | 16.54             | (14.29 - 19.07)                     | 16.74             | (14.69 - 19.03)                     |
| Southeast                                                               | 4.75                | (3.79 - 5.93)                         | 29.43               | (25.68 - 33.49)                       | 22.22             | (19.69 - 24.98)                     | 23.02             | (20.65 - 25.58)                     |
| Circuit 15 (Palm Beach)                                                 | 4.42                | (3.35 - 5.82)                         | 29.09               | (24.48 - 34.17)                       | 20.77             | (17.70 - 24.21)                     | 21.70             | (18.81 - 24.89)                     |
| Circuit 19                                                              | 5.44                | (4.10 - 7.20)                         | 30.23               | (24.58 - 36.55)                       | 25.41             | (21.74 - 29.47)                     | 25.93             | (22.45 - 29.76)                     |
| <b>Georgia</b>                                                          | 6.46                | (5.41 - 7.69)                         | 33.47               | (30.99 - 36.05)                       | 26.49             | (24.66 - 28.39)                     | 27.52             | (25.87 - 29.23)                     |
| Region 1                                                                | 6.69                | (5.19 - 8.59)                         | 34.82               | (30.24 - 39.69)                       | 25.43             | (22.60 - 28.47)                     | 26.67             | (24.08 - 29.44)                     |
| Region 2                                                                | 7.00                | (5.34 - 9.13)                         | 32.03               | (26.90 - 37.64)                       | 28.74             | (25.11 - 32.66)                     | 29.28             | (25.99 - 32.79)                     |
| Region 3                                                                | 4.90                | (3.77 - 6.35)                         | 30.06               | (26.30 - 34.11)                       | 22.16             | (19.45 - 25.12)                     | 23.29             | (20.82 - 25.95)                     |
| Region 4                                                                | 8.18                | (6.07 - 10.94)                        | *                   | (* - *)                               | 33.64             | (28.99 - 38.63)                     | 34.03             | (29.70 - 38.65)                     |
| Region 5                                                                | 7.70                | (5.80 - 10.14)                        | 35.90               | (30.54 - 41.64)                       | 31.66             | (27.48 - 36.17)                     | 32.36             | (28.54 - 36.42)                     |
| Region 6                                                                | 7.15                | (5.48 - 9.28)                         | 36.30               | (30.92 - 42.05)                       | 28.51             | (24.75 - 32.59)                     | 29.68             | (26.23 - 33.38)                     |

See notes at end of table.

(continued)



**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|---------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| <b>Hawaii</b>                   | 4.33                | (3.37 - 5.56)                      | 28.03               | (24.90 - 31.38)                    | 19.31             | (17.27 - 21.52)                  | 20.44             | (18.56 - 22.46)                  |
| Hawaii Island                   | 4.36                | (3.16 - 5.98)                      | 28.64               | (23.26 - 34.70)                    | 21.90             | (18.23 - 26.08)                  | 22.74             | (19.24 - 26.66)                  |
| Honolulu                        | 4.18                | (3.12 - 5.58)                      | 27.47               | (23.84 - 31.43)                    | 18.31             | (16.05 - 20.81)                  | 19.55             | (17.46 - 21.82)                  |
| Kauai                           | 5.33                | (3.78 - 7.46)                      | *                   | (* - *)                            | 21.68             | (17.66 - 26.33)                  | 22.93             | (19.04 - 27.36)                  |
| Maui                            | 4.75                | (3.37 - 6.64)                      | *                   | (* - *)                            | 21.34             | (17.61 - 25.60)                  | 22.27             | (18.70 - 26.31)                  |
| <b>Idaho</b>                    | 6.87                | (5.57 - 8.45)                      | 31.90               | (28.88 - 35.09)                    | 22.24             | (20.24 - 24.38)                  | 23.64             | (21.78 - 25.61)                  |
| Region 1                        | 10.32               | (7.48 - 14.08)                     | *                   | (* - *)                            | 25.10             | (21.11 - 29.55)                  | 26.80             | (23.02 - 30.95)                  |
| Region 2                        | *                   | (* - *)                            | *                   | (* - *)                            | 23.35             | (19.25 - 28.02)                  | 24.93             | (20.98 - 29.34)                  |
| Region 3                        | 5.75                | (4.23 - 7.76)                      | 29.60               | (24.53 - 35.22)                    | 23.12             | (19.67 - 26.97)                  | 24.05             | (20.84 - 27.59)                  |
| Region 4                        | 7.48                | (5.58 - 9.98)                      | 36.54               | (31.57 - 41.82)                    | 21.49             | (18.57 - 24.74)                  | 23.47             | (20.73 - 26.45)                  |
| Region 5                        | 5.67                | (4.11 - 7.78)                      | 31.45               | (25.93 - 37.55)                    | 23.88             | (20.10 - 28.13)                  | 24.93             | (21.39 - 28.85)                  |
| Region 6                        | 6.21                | (4.51 - 8.50)                      | *                   | (* - *)                            | 21.73             | (17.81 - 26.25)                  | 22.99             | (19.21 - 27.27)                  |
| Region 7                        | 5.07                | (3.56 - 7.17)                      | 23.80               | (19.00 - 29.37)                    | 18.32             | (15.11 - 22.03)                  | 19.32             | (16.35 - 22.69)                  |
| <b>Illinois</b>                 | 6.05                | (5.20 - 7.03)                      | 33.37               | (31.27 - 35.53)                    | 24.33             | (22.89 - 25.84)                  | 25.62             | (24.30 - 26.98)                  |
| Region 1 (Cook)                 | 4.68                | (3.82 - 5.73)                      | 30.09               | (27.36 - 32.96)                    | 21.45             | (19.68 - 23.34)                  | 22.64             | (21.01 - 24.37)                  |
| Region 1.1 (Far North Side)     | *                   | (* - *)                            | *                   | (* - *)                            | 20.91             | (17.43 - 24.88)                  | 21.87             | (18.47 - 25.68)                  |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                            | *                   | (* - *)                            | 21.94             | (18.00 - 26.45)                  | 22.82             | (19.08 - 27.04)                  |
| Region 1.3 (North Central Side) | *                   | (* - *)                            | *                   | (* - *)                            | 20.37             | (16.82 - 24.44)                  | 21.64             | (18.21 - 25.50)                  |
| Region 1.4 (West Side)          | 4.67                | (3.37 - 6.44)                      | 28.18               | (22.61 - 34.51)                    | 26.06             | (21.75 - 30.90)                  | 26.41             | (22.40 - 30.85)                  |
| Region 1.5 (South Side)         | 4.23                | (3.08 - 5.79)                      | 32.92               | (26.91 - 39.54)                    | 25.48             | (21.44 - 29.99)                  | 26.61             | (22.84 - 30.75)                  |
| Region 1.6 (Southwest Side)     | 4.79                | (3.50 - 6.53)                      | 31.10               | (25.38 - 37.46)                    | 25.67             | (21.58 - 30.23)                  | 26.57             | (22.75 - 30.77)                  |
| Region 1.7 (Suburban Cook)      | 4.60                | (3.51 - 6.00)                      | 30.03               | (26.02 - 34.37)                    | 19.28             | (16.87 - 21.95)                  | 20.67             | (18.42 - 23.12)                  |
| Region 2                        | 5.54                | (4.58 - 6.69)                      | 31.36               | (28.40 - 34.48)                    | 21.84             | (19.97 - 23.84)                  | 23.20             | (21.47 - 25.03)                  |
| Region 2a (DuPage)              | 4.91                | (3.66 - 6.56)                      | 27.83               | (22.77 - 33.53)                    | 16.59             | (13.94 - 19.63)                  | 18.09             | (15.54 - 20.97)                  |
| Region 2b                       | 5.36                | (4.21 - 6.79)                      | 29.95               | (25.85 - 34.40)                    | 21.18             | (18.70 - 23.88)                  | 22.46             | (20.16 - 24.93)                  |
| Region 2c (Winnebago)           | 6.49                | (4.80 - 8.72)                      | *                   | (* - *)                            | 30.07             | (25.60 - 34.94)                  | 31.11             | (26.88 - 35.68)                  |
| Region 2d                       | 6.77                | (5.12 - 8.90)                      | 37.67               | (32.04 - 43.65)                    | 27.93             | (24.03 - 32.19)                  | 29.40             | (25.78 - 33.31)                  |
| Region 3                        | 8.37                | (6.71 - 10.40)                     | 38.21               | (34.05 - 42.55)                    | 31.29             | (28.01 - 34.76)                  | 32.42             | (29.52 - 35.47)                  |
| Region 3a (Champaign)           | *                   | (* - *)                            | 33.49               | (27.50 - 40.06)                    | 23.98             | (20.08 - 28.38)                  | 26.63             | (22.94 - 30.68)                  |
| Region 3b                       | 8.54                | (6.74 - 10.76)                     | 39.77               | (34.84 - 44.91)                    | 32.33             | (28.70 - 36.18)                  | 33.40             | (30.13 - 36.84)                  |
| Region 4                        | 9.36                | (7.37 - 11.82)                     | 42.13               | (36.67 - 47.79)                    | 31.33             | (27.97 - 34.89)                  | 32.79             | (29.61 - 36.14)                  |
| Region 4a (Sangamon)            | *                   | (* - *)                            | *                   | (* - *)                            | 28.87             | (24.40 - 33.79)                  | 29.94             | (25.68 - 34.56)                  |
| Region 4b                       | 9.89                | (7.57 - 12.82)                     | 43.36               | (36.94 - 50.02)                    | 32.04             | (28.11 - 36.23)                  | 33.60             | (29.90 - 37.52)                  |
| Region 5                        | 9.05                | (7.29 - 11.18)                     | 41.12               | (36.42 - 45.99)                    | 31.70             | (28.46 - 35.13)                  | 32.99             | (29.98 - 36.15)                  |
| Region 5a                       | 7.03                | (5.24 - 9.36)                      | *                   | (* - *)                            | 27.71             | (23.52 - 32.33)                  | 29.12             | (25.18 - 33.41)                  |
| Region 5b                       | 10.83               | (8.36 - 13.92)                     | 43.47               | (37.49 - 49.65)                    | 34.89             | (30.62 - 39.41)                  | 36.07             | (32.14 - 40.20)                  |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 8.31                | (6.91 - 9.98)                         | 40.70               | (37.58 - 43.89)                       | 30.63             | (28.28 - 33.10)                     | 32.15             | (30.00 - 34.36)                     |
| Central                                     | 6.49                | (4.89 - 8.57)                         | 36.69               | (31.85 - 41.83)                       | 24.30             | (21.12 - 27.78)                     | 26.02             | (23.07 - 29.20)                     |
| East                                        | 10.45               | (7.82 - 13.82)                        | *                   | (* - *)                               | 34.79             | (29.62 - 40.33)                     | 35.82             | (31.08 - 40.86)                     |
| North Central                               | 8.23                | (6.17 - 10.90)                        | 42.54               | (36.04 - 49.31)                       | 32.85             | (28.40 - 37.62)                     | 34.25             | (30.12 - 38.63)                     |
| Northeast                                   | 8.15                | (6.02 - 10.95)                        | *                   | (* - *)                               | 29.22             | (24.95 - 33.89)                     | 30.96             | (26.99 - 35.24)                     |
| Northwest                                   | 6.99                | (5.19 - 9.34)                         | *                   | (* - *)                               | 31.42             | (26.65 - 36.61)                     | 32.68             | (28.24 - 37.45)                     |
| Southeast                                   | 10.95               | (8.35 - 14.22)                        | *                   | (* - *)                               | 34.78             | (29.87 - 40.03)                     | 36.18             | (31.55 - 41.08)                     |
| Southwest                                   | *                   | (* - *)                               | 42.79               | (36.26 - 49.59)                       | 32.54             | (27.68 - 37.82)                     | 33.96             | (29.45 - 38.79)                     |
| West                                        | 10.33               | (7.75 - 13.64)                        | 40.92               | (34.42 - 47.74)                       | 35.13             | (29.99 - 40.63)                     | 36.39             | (31.82 - 41.22)                     |
| <b>Iowa</b>                                 | 7.32                | (6.00 - 8.92)                         | 37.87               | (34.56 - 41.29)                       | 28.10             | (25.84 - 30.46)                     | 29.58             | (27.51 - 31.74)                     |
| Central                                     | 6.56                | (4.88 - 8.75)                         | 35.55               | (29.77 - 41.78)                       | 26.16             | (22.33 - 30.38)                     | 27.50             | (23.93 - 31.38)                     |
| North Central                               | 6.81                | (4.94 - 9.33)                         | 32.43               | (26.72 - 38.71)                       | 27.21             | (23.00 - 31.88)                     | 28.20             | (24.37 - 32.37)                     |
| Northeast                                   | 7.65                | (5.79 - 10.04)                        | 37.44               | (32.11 - 43.09)                       | 27.78             | (24.25 - 31.61)                     | 29.25             | (26.00 - 32.72)                     |
| Northwest                                   | 7.73                | (5.76 - 10.30)                        | 39.47               | (33.30 - 45.99)                       | 30.17             | (25.74 - 34.99)                     | 31.45             | (27.33 - 35.89)                     |
| Southeast                                   | 7.45                | (5.63 - 9.80)                         | 40.18               | (34.21 - 46.46)                       | 28.23             | (24.55 - 32.22)                     | 30.14             | (26.75 - 33.77)                     |
| Southwest                                   | 7.65                | (5.63 - 10.31)                        | *                   | (* - *)                               | 29.82             | (25.37 - 34.69)                     | 31.64             | (27.42 - 36.19)                     |
| <b>Kansas</b>                               | 6.94                | (5.67 - 8.47)                         | 33.71               | (30.65 - 36.91)                       | 25.76             | (23.54 - 28.12)                     | 26.98             | (24.96 - 29.11)                     |
| Northeast                                   | 6.08                | (4.68 - 7.88)                         | 31.12               | (27.26 - 35.27)                       | 22.03             | (19.36 - 24.94)                     | 23.50             | (21.08 - 26.11)                     |
| Northwest and North Central                 | 8.75                | (6.43 - 11.80)                        | *                   | (* - *)                               | 30.34             | (25.31 - 35.90)                     | 31.61             | (26.84 - 36.81)                     |
| South Central                               | 7.50                | (5.72 - 9.77)                         | 36.39               | (31.29 - 41.82)                       | 28.82             | (25.35 - 32.56)                     | 29.93             | (26.74 - 33.32)                     |
| Southeast                                   | 10.71               | (7.86 - 14.45)                        | *                   | (* - *)                               | 31.86             | (26.67 - 37.54)                     | 32.68             | (27.84 - 37.92)                     |
| Southwest                                   | 4.99                | (3.58 - 6.90)                         | *                   | (* - *)                               | 28.02             | (23.32 - 33.26)                     | 28.75             | (24.34 - 33.61)                     |
| <b>Kentucky</b>                             | 10.31               | (8.70 - 12.17)                        | 44.56               | (41.20 - 47.98)                       | 36.72             | (34.23 - 39.28)                     | 37.83             | (35.58 - 40.14)                     |
| Adanta, Cumberland River,<br>and Lifeskills | 13.35               | (10.37 - 17.03)                       | 48.61               | (42.25 - 55.01)                       | 40.06             | (35.40 - 44.90)                     | 41.29             | (37.05 - 45.67)                     |
| Bluegrass, Comprehend, and<br>North Key     | 8.43                | (6.52 - 10.83)                        | 41.59               | (36.43 - 46.94)                       | 32.81             | (29.04 - 36.80)                     | 34.12             | (30.70 - 37.71)                     |
| Centerstone                                 | 8.13                | (6.29 - 10.43)                        | 42.90               | (37.17 - 48.82)                       | 33.07             | (29.13 - 37.27)                     | 34.39             | (30.79 - 38.17)                     |
| Communicare and River Valley                | 10.44               | (7.92 - 13.64)                        | *                   | (* - *)                               | 41.24             | (35.79 - 46.90)                     | 41.86             | (36.83 - 47.06)                     |
| Four Rivers and Pennyroyal                  | 11.13               | (8.37 - 14.66)                        | 42.88               | (36.32 - 49.69)                       | 37.95             | (32.86 - 43.32)                     | 38.68             | (33.99 - 43.58)                     |
| Kentucky River, Mountain,<br>and Pathways   | 14.73               | (11.34 - 18.92)                       | *                   | (* - *)                               | 43.59             | (38.41 - 48.92)                     | 44.51             | (39.73 - 49.39)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 8.13                | (6.77 - 9.74)                         | 37.92               | (34.73 - 41.22)                       | 32.23             | (29.88 - 34.68)                     | 33.07             | (30.93 - 35.28)                     |
| Regions 1 and 10      | 6.27                | (4.89 - 8.01)                         | 33.67               | (28.63 - 39.11)                       | 27.85             | (24.38 - 31.61)                     | 28.66             | (25.41 - 32.14)                     |
| Region 1              | 6.83                | (5.09 - 9.12)                         | *                   | (* - *)                               | 28.93             | (24.37 - 33.97)                     | 29.77             | (25.49 - 34.44)                     |
| Region 10 (Jefferson) | 5.69                | (4.17 - 7.72)                         | 32.64               | (26.63 - 39.29)                       | 26.71             | (22.59 - 31.28)                     | 27.44             | (23.56 - 31.68)                     |
| Regions 2 and 9       | 7.65                | (5.78 - 10.05)                        | 39.90               | (35.05 - 44.96)                       | 31.04             | (27.47 - 34.84)                     | 32.39             | (29.16 - 35.80)                     |
| Region 3              | 8.55                | (6.46 - 11.23)                        | *                   | (* - *)                               | 33.00             | (28.47 - 37.87)                     | 34.00             | (29.77 - 38.50)                     |
| Regions 4, 5, and 6   | 9.42                | (7.27 - 12.12)                        | 41.05               | (35.10 - 47.28)                       | 35.93             | (31.87 - 40.20)                     | 36.68             | (32.89 - 40.64)                     |
| Regions 7 and 8       | 8.46                | (6.43 - 11.06)                        | 34.34               | (28.94 - 40.17)                       | 33.17             | (29.10 - 37.51)                     | 33.34             | (29.60 - 37.31)                     |
| <b>Maine</b>          | 9.04                | (7.43 - 10.95)                        | 36.26               | (33.10 - 39.55)                       | 24.17             | (21.94 - 26.56)                     | 25.62             | (23.53 - 27.83)                     |
| Aroostook/Downeast    | 11.07               | (8.63 - 14.10)                        | 39.54               | (34.13 - 45.22)                       | 27.07             | (23.60 - 30.84)                     | 28.44             | (25.13 - 31.99)                     |
| Aroostook             | 10.40               | (7.73 - 13.86)                        | *                   | (* - *)                               | 30.40             | (25.69 - 35.56)                     | 31.35             | (26.89 - 36.18)                     |
| Downeast              | *                   | (* - *)                               | *                   | (* - *)                               | 24.42             | (20.24 - 29.15)                     | 26.11             | (22.05 - 30.61)                     |
| Central               | 9.76                | (7.31 - 12.91)                        | *                   | (* - *)                               | 27.26             | (23.09 - 31.87)                     | 28.58             | (24.62 - 32.89)                     |
| Cumberland            | 7.29                | (5.48 - 9.63)                         | 37.04               | (31.56 - 42.87)                       | 20.22             | (17.04 - 23.81)                     | 22.29             | (19.26 - 25.64)                     |
| Midcoast              | 9.92                | (7.35 - 13.27)                        | *                   | (* - *)                               | 21.80             | (18.16 - 25.95)                     | 23.51             | (19.98 - 27.45)                     |
| Penquis               | 9.06                | (6.67 - 12.18)                        | 31.63               | (25.88 - 38.02)                       | 26.21             | (22.00 - 30.91)                     | 27.00             | (23.09 - 31.31)                     |
| Western               | 8.88                | (6.68 - 11.73)                        | 37.88               | (31.84 - 44.33)                       | 27.00             | (22.99 - 31.44)                     | 28.36             | (24.59 - 32.46)                     |
| York                  | 8.94                | (6.67 - 11.88)                        | 32.33               | (26.90 - 38.28)                       | 22.15             | (18.52 - 26.27)                     | 23.31             | (19.88 - 27.12)                     |
| <b>Maryland</b>       | 5.60                | (4.55 - 6.88)                         | 31.56               | (28.65 - 34.63)                       | 22.63             | (20.64 - 24.76)                     | 23.85             | (21.99 - 25.82)                     |
| Anne Arundel          | 5.91                | (4.29 - 8.08)                         | *                   | (* - *)                               | 22.65             | (18.75 - 27.09)                     | 24.44             | (20.69 - 28.63)                     |
| Baltimore City        | 6.14                | (4.46 - 8.38)                         | 32.93               | (27.20 - 39.22)                       | 33.45             | (28.95 - 38.28)                     | 33.37             | (29.29 - 37.71)                     |
| Baltimore County      | 6.46                | (4.75 - 8.73)                         | *                   | (* - *)                               | 23.38             | (19.52 - 27.73)                     | 24.60             | (20.92 - 28.69)                     |
| Montgomery            | 4.01                | (2.87 - 5.58)                         | 24.40               | (19.51 - 30.07)                       | 14.35             | (11.75 - 17.40)                     | 15.51             | (12.99 - 18.42)                     |
| North Central         | 6.09                | (4.38 - 8.41)                         | *                   | (* - *)                               | 18.90             | (15.64 - 22.65)                     | 20.77             | (17.55 - 24.40)                     |
| Northeast             | 6.56                | (4.72 - 9.05)                         | *                   | (* - *)                               | 23.71             | (19.59 - 28.39)                     | 25.06             | (21.12 - 29.46)                     |
| Prince George's       | 3.69                | (2.63 - 5.14)                         | 27.78               | (22.71 - 33.49)                       | 21.14             | (17.58 - 25.21)                     | 22.16             | (18.85 - 25.88)                     |
| South                 | 6.32                | (4.64 - 8.56)                         | *                   | (* - *)                               | 24.87             | (20.92 - 29.29)                     | 26.16             | (22.43 - 30.27)                     |
| West                  | 7.73                | (5.79 - 10.27)                        | *                   | (* - *)                               | 27.86             | (23.70 - 32.45)                     | 28.96             | (25.03 - 33.24)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 5.30                | (4.29 - 6.53)                         | 32.57               | (29.38 - 35.92)                       | 20.87             | (18.85 - 23.04)                     | 22.60             | (20.70 - 24.62)                     |
| Boston                | 3.47                | (2.52 - 4.74)                         | 28.18               | (22.72 - 34.37)                       | 21.43             | (17.65 - 25.78)                     | 22.82             | (19.29 - 26.79)                     |
| Central               | 5.36                | (3.97 - 7.20)                         | 34.81               | (28.84 - 41.31)                       | 22.72             | (19.18 - 26.69)                     | 24.47             | (21.14 - 28.14)                     |
| Metrowest             | 5.31                | (3.95 - 7.10)                         | 29.28               | (23.81 - 35.43)                       | 16.97             | (14.16 - 20.20)                     | 18.64             | (15.91 - 21.71)                     |
| Northeast             | 4.53                | (3.33 - 6.13)                         | 31.97               | (26.51 - 37.98)                       | 19.44             | (16.40 - 22.90)                     | 21.11             | (18.20 - 24.34)                     |
| Southeast             | 7.09                | (5.22 - 9.57)                         | 38.83               | (32.90 - 45.12)                       | 23.55             | (19.95 - 27.57)                     | 25.52             | (22.13 - 29.23)                     |
| Western               | 5.10                | (3.72 - 6.97)                         | 34.52               | (28.69 - 40.85)                       | 23.93             | (19.98 - 28.38)                     | 25.70             | (22.00 - 29.79)                     |
| <b>Michigan</b>       | 7.09                | (6.13 - 8.19)                         | 35.67               | (33.53 - 37.87)                       | 28.41             | (26.85 - 30.03)                     | 29.47             | (28.08 - 30.91)                     |
| Region 1              | 10.80               | (8.20 - 14.11)                        | *                   | (* - *)                               | 32.72             | (28.18 - 37.60)                     | 34.02             | (29.77 - 38.54)                     |
| Region 2              | 10.84               | (8.28 - 14.07)                        | *                   | (* - *)                               | 29.36             | (25.12 - 34.00)                     | 30.81             | (26.78 - 35.15)                     |
| Region 3              | 5.36                | (4.13 - 6.92)                         | 31.96               | (27.70 - 36.54)                       | 27.00             | (23.93 - 30.32)                     | 27.76             | (24.98 - 30.72)                     |
| Region 4              | 7.58                | (5.76 - 9.91)                         | 35.28               | (30.37 - 40.51)                       | 32.19             | (28.45 - 36.17)                     | 32.65             | (29.27 - 36.22)                     |
| Region 5              | 7.48                | (5.89 - 9.47)                         | 38.84               | (34.75 - 43.09)                       | 30.30             | (27.37 - 33.40)                     | 31.74             | (29.15 - 34.45)                     |
| Region 6              | 5.94                | (4.55 - 7.72)                         | 32.32               | (27.28 - 37.81)                       | 23.82             | (20.54 - 27.45)                     | 25.23             | (22.20 - 28.53)                     |
| Region 7              | 6.61                | (5.19 - 8.38)                         | 33.62               | (29.45 - 38.07)                       | 29.02             | (25.82 - 32.44)                     | 29.70             | (26.84 - 32.74)                     |
| Region 8              | 6.23                | (4.83 - 8.01)                         | 31.62               | (26.83 - 36.84)                       | 21.49             | (18.58 - 24.70)                     | 22.74             | (20.04 - 25.70)                     |
| Region 9              | 7.97                | (6.11 - 10.35)                        | 37.15               | (31.97 - 42.64)                       | 29.72             | (26.04 - 33.69)                     | 30.67             | (27.27 - 34.29)                     |
| Region 10             | 8.05                | (6.15 - 10.48)                        | 41.97               | (36.16 - 48.00)                       | 33.79             | (29.76 - 38.08)                     | 34.90             | (31.14 - 38.84)                     |
| <b>Minnesota</b>      | 6.12                | (4.97 - 7.53)                         | 35.82               | (32.56 - 39.22)                       | 25.06             | (22.93 - 27.33)                     | 26.55             | (24.54 - 28.66)                     |
| Regions 1 and 2       | 8.89                | (6.88 - 11.41)                        | 40.44               | (34.58 - 46.60)                       | 29.97             | (25.97 - 34.31)                     | 31.36             | (27.54 - 35.47)                     |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | 29.46             | (24.56 - 34.89)                     | 31.05             | (26.36 - 36.16)                     |
| Region 2              | 9.12                | (6.67 - 12.34)                        | *                   | (* - *)                               | 30.28             | (25.32 - 35.73)                     | 31.55             | (26.84 - 36.69)                     |
| Regions 3 and 4       | 8.07                | (6.16 - 10.52)                        | 39.62               | (34.15 - 45.36)                       | 29.44             | (25.84 - 33.31)                     | 30.89             | (27.49 - 34.50)                     |
| Region 3              | 8.56                | (6.19 - 11.74)                        | *                   | (* - *)                               | 29.49             | (24.52 - 35.00)                     | 31.05             | (26.23 - 36.33)                     |
| Region 4              | 7.85                | (5.75 - 10.63)                        | 38.94               | (32.65 - 45.61)                       | 29.40             | (25.15 - 34.05)                     | 30.79             | (26.84 - 35.05)                     |
| Regions 5 and 6       | 6.00                | (4.58 - 7.82)                         | 36.65               | (31.66 - 41.95)                       | 27.15             | (23.73 - 30.86)                     | 28.53             | (25.31 - 31.99)                     |
| Region 5              | 5.84                | (4.25 - 7.98)                         | 35.51               | (29.34 - 42.20)                       | 28.05             | (23.52 - 33.08)                     | 29.14             | (24.93 - 33.75)                     |
| Region 6              | 6.16                | (4.43 - 8.49)                         | *                   | (* - *)                               | 26.22             | (21.95 - 30.99)                     | 27.91             | (23.79 - 32.43)                     |
| Region 7              | 5.11                | (4.01 - 6.48)                         | 33.43               | (29.62 - 37.47)                       | 22.10             | (19.76 - 24.64)                     | 23.63             | (21.44 - 25.98)                     |
| Region 7A (Hennepin)  | 4.81                | (3.53 - 6.51)                         | 33.67               | (28.28 - 39.52)                       | 20.50             | (17.45 - 23.94)                     | 22.24             | (19.36 - 25.40)                     |
| Region 7B (Ramsey)    | 5.14                | (3.73 - 7.03)                         | 31.48               | (25.58 - 38.05)                       | 24.37             | (20.51 - 28.69)                     | 25.49             | (21.85 - 29.51)                     |
| Region 7C             | 5.33                | (3.95 - 7.17)                         | 34.25               | (28.82 - 40.12)                       | 22.76             | (19.47 - 26.41)                     | 24.24             | (21.13 - 27.64)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 9.19                | (7.67 - 10.98)                        | 36.80               | (33.61 - 40.11)                       | 33.37             | (30.96 - 35.86)                     | 33.89             | (31.72 - 36.12)                     |
| Region 1                               | 10.21               | (7.94 - 13.04)                        | 39.50               | (34.02 - 45.25)                       | 34.86             | (30.75 - 39.21)                     | 35.56             | (31.86 - 39.45)                     |
| Region 2                               | 7.80                | (5.75 - 10.50)                        | 32.50               | (26.76 - 38.81)                       | 33.77             | (29.13 - 38.73)                     | 33.57             | (29.34 - 38.08)                     |
| Region 3                               | 9.74                | (7.39 - 12.74)                        | 35.67               | (29.95 - 41.83)                       | 35.03             | (30.53 - 39.82)                     | 35.14             | (31.03 - 39.47)                     |
| Region 4                               | 7.51                | (5.67 - 9.87)                         | 35.91               | (30.49 - 41.71)                       | 28.34             | (24.49 - 32.54)                     | 29.47             | (25.97 - 33.24)                     |
| Region 5                               | 10.02               | (7.39 - 13.44)                        | *                   | (* - *)                               | 36.92             | (31.58 - 42.61)                     | 37.04             | (32.01 - 42.38)                     |
| Region 6                               | 9.66                | (7.27 - 12.73)                        | 37.04               | (30.79 - 43.74)                       | 35.62             | (31.03 - 40.48)                     | 35.84             | (31.61 - 40.29)                     |
| Region 7                               | 9.74                | (7.41 - 12.69)                        | 37.99               | (31.67 - 44.74)                       | 32.55             | (28.18 - 37.24)                     | 33.31             | (29.24 - 37.65)                     |
| <b>Missouri</b>                        | 8.75                | (7.32 - 10.42)                        | 40.65               | (37.51 - 43.87)                       | 30.63             | (28.23 - 33.14)                     | 32.06             | (29.88 - 34.32)                     |
| Central                                | 9.06                | (6.86 - 11.87)                        | 39.85               | (34.00 - 46.00)                       | 31.27             | (26.93 - 35.97)                     | 32.77             | (28.85 - 36.94)                     |
| Eastern                                | 7.79                | (6.16 - 9.79)                         | 38.66               | (34.14 - 43.39)                       | 28.71             | (25.53 - 32.11)                     | 30.06             | (27.13 - 33.16)                     |
| Eastern (St. Louis City and<br>County) | 7.00                | (5.21 - 9.35)                         | 35.41               | (29.80 - 41.45)                       | 28.38             | (24.49 - 32.62)                     | 29.35             | (25.76 - 33.21)                     |
| Eastern (excluding St. Louis)          | 8.92                | (6.70 - 11.77)                        | 44.50               | (38.16 - 51.04)                       | 29.26             | (25.12 - 33.78)                     | 31.28             | (27.41 - 35.43)                     |
| Northwest                              | 7.72                | (6.04 - 9.82)                         | 42.15               | (37.18 - 47.27)                       | 30.19             | (26.79 - 33.81)                     | 31.85             | (28.69 - 35.20)                     |
| Northwest (Jackson)                    | 6.52                | (4.84 - 8.73)                         | 38.69               | (32.55 - 45.22)                       | 29.54             | (25.35 - 34.10)                     | 30.77             | (26.88 - 34.95)                     |
| Northwest (excluding Jackson)          | 8.67                | (6.48 - 11.50)                        | *                   | (* - *)                               | 30.74             | (26.24 - 35.65)                     | 32.77             | (28.53 - 37.32)                     |
| Southeast                              | 12.24               | (9.29 - 15.95)                        | 42.87               | (36.46 - 49.53)                       | 35.98             | (31.29 - 40.96)                     | 36.92             | (32.57 - 41.49)                     |
| Southwest                              | 9.64                | (7.32 - 12.60)                        | 41.87               | (35.84 - 48.15)                       | 31.00             | (26.72 - 35.63)                     | 32.53             | (28.57 - 36.76)                     |
| <b>Montana</b>                         | 10.14               | (8.55 - 11.99)                        | 39.95               | (36.69 - 43.31)                       | 28.64             | (26.24 - 31.16)                     | 30.23             | (28.02 - 32.54)                     |
| Region 1                               | 11.39               | (8.45 - 15.20)                        | *                   | (* - *)                               | 34.31             | (29.09 - 39.94)                     | 35.95             | (31.02 - 41.20)                     |
| Region 2                               | 9.34                | (7.13 - 12.15)                        | 39.94               | (33.96 - 46.23)                       | 30.43             | (26.00 - 35.25)                     | 31.82             | (27.78 - 36.16)                     |
| Region 3                               | 8.87                | (6.80 - 11.48)                        | 40.57               | (34.63 - 46.79)                       | 28.34             | (24.66 - 32.33)                     | 29.92             | (26.47 - 33.62)                     |
| Region 4                               | 9.26                | (7.16 - 11.90)                        | 38.18               | (32.99 - 43.66)                       | 27.42             | (23.69 - 31.49)                     | 29.03             | (25.60 - 32.72)                     |
| Region 5                               | 11.89               | (9.35 - 15.00)                        | 39.56               | (34.59 - 44.76)                       | 27.60             | (24.11 - 31.39)                     | 29.30             | (26.09 - 32.73)                     |
| <b>Nebraska</b>                        | 6.34                | (5.17 - 7.75)                         | 37.15               | (33.98 - 40.43)                       | 28.46             | (26.15 - 30.89)                     | 29.78             | (27.69 - 31.95)                     |
| Regions 1 and 2                        | 7.00                | (5.36 - 9.08)                         | 42.76               | (36.45 - 49.32)                       | 31.88             | (27.74 - 36.32)                     | 33.34             | (29.39 - 37.55)                     |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | 31.19             | (26.08 - 36.81)                     | 32.76             | (27.83 - 38.09)                     |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | 32.48             | (27.26 - 38.17)                     | 33.86             | (28.89 - 39.22)                     |
| Region 3                               | 6.74                | (4.98 - 9.07)                         | *                   | (* - *)                               | 29.45             | (25.19 - 34.11)                     | 30.85             | (26.91 - 35.08)                     |
| Region 4                               | 6.48                | (4.77 - 8.74)                         | *                   | (* - *)                               | 30.00             | (25.35 - 35.11)                     | 30.89             | (26.54 - 35.60)                     |
| Region 5                               | 6.94                | (5.18 - 9.22)                         | 37.29               | (31.78 - 43.15)                       | 28.34             | (24.85 - 32.10)                     | 29.85             | (26.63 - 33.27)                     |
| Region 6                               | 5.74                | (4.40 - 7.44)                         | 35.57               | (31.25 - 40.13)                       | 26.98             | (23.73 - 30.49)                     | 28.26             | (25.34 - 31.37)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 6.07                | (4.84 - 7.59)                         | 29.85               | (26.75 - 33.15)                       | 25.42             | (22.96 - 28.04)                     | 26.01             | (23.79 - 28.35)                     |
| Clark – Region 1        | 5.57                | (4.29 - 7.21)                         | 28.53               | (24.93 - 32.43)                       | 24.20             | (21.44 - 27.20)                     | 24.78             | (22.30 - 27.44)                     |
| Region 3                | 8.25                | (6.22 - 10.87)                        | 36.52               | (30.71 - 42.75)                       | 31.06             | (26.73 - 35.75)                     | 31.70             | (27.60 - 36.12)                     |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | 29.29             | (24.16 - 35.01)                     | 29.96             | (25.04 - 35.40)                     |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | 32.70             | (27.17 - 38.75)                     | 33.30             | (28.07 - 38.97)                     |
| Washoe – Region 2       | 6.73                | (5.01 - 9.00)                         | 31.37               | (26.09 - 37.17)                       | 26.51             | (22.54 - 30.90)                     | 27.17             | (23.51 - 31.17)                     |
| <b>New Hampshire</b>    | 7.89                | (6.50 - 9.54)                         | 38.00               | (34.58 - 41.54)                       | 23.79             | (21.64 - 26.09)                     | 25.72             | (23.71 - 27.84)                     |
| Central                 | 8.25                | (6.50 - 10.40)                        | 37.23               | (32.72 - 41.97)                       | 26.09             | (23.07 - 29.36)                     | 27.70             | (24.88 - 30.70)                     |
| Central 1               | 8.58                | (6.42 - 11.40)                        | 35.77               | (29.95 - 42.05)                       | 26.66             | (22.73 - 30.99)                     | 28.12             | (24.45 - 32.11)                     |
| Central 2               | 7.94                | (5.98 - 10.46)                        | 39.04               | (33.37 - 45.01)                       | 25.55             | (21.79 - 29.71)                     | 27.28             | (23.77 - 31.10)                     |
| Northern                | 9.72                | (7.23 - 12.95)                        | 39.32               | (32.97 - 46.05)                       | 25.16             | (21.18 - 29.60)                     | 27.15             | (23.38 - 31.29)                     |
| Southern                | 7.40                | (5.93 - 9.19)                         | 38.10               | (33.75 - 42.65)                       | 22.39             | (19.85 - 25.14)                     | 24.44             | (22.06 - 26.98)                     |
| Southern 1 (Rockingham) | 7.25                | (5.44 - 9.59)                         | 39.28               | (32.99 - 45.95)                       | 20.57             | (17.18 - 24.43)                     | 22.79             | (19.52 - 26.43)                     |
| Southern 2              | 7.50                | (5.80 - 9.65)                         | 37.46               | (32.35 - 42.88)                       | 23.55             | (20.53 - 26.86)                     | 25.46             | (22.65 - 28.49)                     |
| <b>New Jersey</b>       | 4.97                | (4.10 - 6.01)                         | 30.63               | (28.13 - 33.25)                       | 20.88             | (19.08 - 22.81)                     | 22.16             | (20.51 - 23.89)                     |
| Central                 | 5.65                | (4.29 - 7.41)                         | 35.40               | (30.37 - 40.78)                       | 22.23             | (19.25 - 25.52)                     | 23.89             | (21.09 - 26.94)                     |
| Metropolitan            | 4.22                | (3.17 - 5.60)                         | 26.95               | (22.73 - 31.62)                       | 19.04             | (16.32 - 22.11)                     | 20.15             | (17.63 - 22.93)                     |
| Northern                | 4.63                | (3.56 - 6.00)                         | 28.04               | (24.23 - 32.21)                       | 18.74             | (16.31 - 21.45)                     | 19.91             | (17.66 - 22.38)                     |
| Southern                | 5.58                | (4.22 - 7.34)                         | 33.91               | (29.28 - 38.87)                       | 24.85             | (21.61 - 28.41)                     | 26.07             | (23.10 - 29.27)                     |
| <b>New Mexico</b>       | 5.56                | (4.45 - 6.94)                         | 35.80               | (32.64 - 39.09)                       | 26.05             | (23.74 - 28.50)                     | 27.46             | (25.35 - 29.68)                     |
| Region 1                | 6.52                | (4.81 - 8.78)                         | 37.86               | (32.17 - 43.91)                       | 27.19             | (23.26 - 31.52)                     | 28.74             | (25.12 - 32.66)                     |
| Region 2                | 5.25                | (3.81 - 7.20)                         | *                   | (* - *)                               | 21.61             | (18.01 - 25.70)                     | 23.44             | (19.99 - 27.27)                     |
| Region 3 (Bernalillo)   | 5.34                | (3.94 - 7.19)                         | 33.94               | (29.24 - 38.97)                       | 26.16             | (22.77 - 29.86)                     | 27.26             | (24.16 - 30.60)                     |
| Region 4                | 5.17                | (3.77 - 7.06)                         | *                   | (* - *)                               | 29.73             | (25.30 - 34.58)                     | 30.97             | (26.85 - 35.40)                     |
| Region 5                | 5.25                | (3.93 - 6.97)                         | 34.85               | (30.03 - 40.01)                       | 25.80             | (22.48 - 29.42)                     | 27.24             | (24.14 - 30.59)                     |
| Region 5a               | 5.55                | (3.95 - 7.76)                         | *                   | (* - *)                               | 27.71             | (23.20 - 32.73)                     | 29.13             | (24.86 - 33.79)                     |
| Region 5b (Dona Ana)    | 5.01                | (3.57 - 6.99)                         | 32.56               | (26.62 - 39.13)                       | 23.93             | (20.03 - 28.31)                     | 25.52             | (21.85 - 29.56)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 4.93                | (4.19 - 5.78)                         | 28.43               | (26.59 - 30.35)                       | 23.26             | (21.94 - 24.64)                     | 24.01             | (22.83 - 25.23)                     |
| Region 1: Long Island                          | 4.33                | (3.35 - 5.58)                         | 27.74               | (23.72 - 32.14)                       | 19.15             | (16.67 - 21.92)                     | 20.33             | (18.03 - 22.84)                     |
| Region 2: New York City                        | 3.70                | (3.01 - 4.55)                         | 24.03               | (21.79 - 26.41)                       | 20.53             | (18.88 - 22.29)                     | 21.02             | (19.52 - 22.60)                     |
| Region 2A: Bronx                               | 3.17                | (2.31 - 4.33)                         | 23.92               | (19.80 - 28.58)                       | 21.19             | (18.10 - 24.65)                     | 21.64             | (18.84 - 24.73)                     |
| Region 2B: Kings                               | 3.91                | (2.92 - 5.20)                         | 24.19               | (20.32 - 28.53)                       | 21.34             | (18.53 - 24.45)                     | 21.75             | (19.16 - 24.59)                     |
| Region 2C: New York                            | 4.16                | (3.04 - 5.66)                         | 27.90               | (23.24 - 33.08)                       | 21.07             | (18.01 - 24.49)                     | 21.95             | (19.08 - 25.11)                     |
| Region 2D: Queens                              | 3.42                | (2.53 - 4.61)                         | 20.21               | (16.53 - 24.46)                       | 18.61             | (15.92 - 21.63)                     | 18.81             | (16.32 - 21.59)                     |
| Region 2E: Richmond                            | 4.54                | (3.34 - 6.14)                         | 27.43               | (21.84 - 33.83)                       | 22.03             | (18.46 - 26.06)                     | 22.77             | (19.41 - 26.53)                     |
| Region 3: Mid-Hudson                           | 4.49                | (3.40 - 5.90)                         | 28.44               | (24.04 - 33.29)                       | 21.05             | (18.36 - 24.01)                     | 22.11             | (19.62 - 24.82)                     |
| Region 4: Capital Region                       | 6.67                | (5.02 - 8.82)                         | 38.12               | (32.38 - 44.23)                       | 29.03             | (25.22 - 33.17)                     | 30.36             | (26.82 - 34.15)                     |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | 34.27             | (29.31 - 39.59)                     | 34.97             | (30.42 - 39.82)                     |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | 33.77             | (28.85 - 39.06)                     | 34.57             | (29.93 - 39.52)                     |
| Region 7: Tug Hill Seaway                      | 8.61                | (6.37 - 11.53)                        | *                   | (* - *)                               | 33.85             | (29.39 - 38.62)                     | 34.23             | (30.09 - 38.62)                     |
| Region 8: Central                              | 6.74                | (5.12 - 8.83)                         | 33.35               | (28.07 - 39.09)                       | 31.88             | (28.02 - 36.01)                     | 32.12             | (28.59 - 35.86)                     |
| Region 9: Southern Tier                        | 7.56                | (5.64 - 10.07)                        | 32.93               | (27.35 - 39.04)                       | 30.41             | (26.16 - 35.03)                     | 30.88             | (27.01 - 35.02)                     |
| Region 10: Finger Lakes                        | 6.41                | (4.85 - 8.43)                         | 31.97               | (27.17 - 37.19)                       | 25.53             | (22.14 - 29.25)                     | 26.50             | (23.41 - 29.85)                     |
| Region 11: Western                             | 6.64                | (5.10 - 8.59)                         | 33.14               | (28.66 - 37.94)                       | 30.76             | (27.56 - 34.15)                     | 31.11             | (28.20 - 34.17)                     |
| <b>North Carolina</b>                          | 6.42                | (5.40 - 7.62)                         | 35.16               | (32.58 - 37.83)                       | 26.66             | (24.75 - 28.66)                     | 27.85             | (26.11 - 29.66)                     |
| Alliance Behavioral<br>Healthcare 1            | 5.11                | (3.81 - 6.84)                         | 32.59               | (27.00 - 38.73)                       | 25.60             | (21.88 - 29.71)                     | 26.69             | (23.18 - 30.51)                     |
| Alliance Behavioral<br>Healthcare 2            | 4.87                | (3.62 - 6.52)                         | 28.60               | (23.38 - 34.46)                       | 18.08             | (14.96 - 21.69)                     | 19.54             | (16.56 - 22.91)                     |
| Cardinal Innovations<br>Healthcare Solutions 1 | 6.23                | (4.62 - 8.36)                         | *                   | (* - *)                               | 26.47             | (22.49 - 30.88)                     | 27.86             | (24.03 - 32.05)                     |
| Cardinal Innovations<br>Healthcare Solutions 2 | 6.09                | (4.55 - 8.09)                         | 33.17               | (27.39 - 39.51)                       | 26.48             | (22.52 - 30.85)                     | 27.46             | (23.75 - 31.51)                     |
| Cardinal Innovations<br>Healthcare Solutions 3 | 5.09                | (3.76 - 6.87)                         | 31.60               | (26.32 - 37.41)                       | 23.19             | (19.69 - 27.10)                     | 24.33             | (21.04 - 27.96)                     |
| CenterPoint Human Services                     | 6.17                | (4.59 - 8.24)                         | 35.33               | (29.17 - 42.03)                       | 27.85             | (23.67 - 32.44)                     | 28.85             | (24.93 - 33.12)                     |
| Eastpointe                                     | 6.48                | (4.86 - 8.58)                         | 34.59               | (28.98 - 40.66)                       | 31.58             | (27.20 - 36.31)                     | 32.00             | (27.96 - 36.32)                     |
| Partners Behavioral Health<br>Management       | 7.49                | (5.73 - 9.74)                         | 39.17               | (32.80 - 45.93)                       | 29.48             | (25.33 - 34.01)                     | 30.71             | (26.79 - 34.92)                     |
| Sandhills Center 1                             | *                   | (* - *)                               | *                   | (* - *)                               | 31.56             | (26.70 - 36.86)                     | 32.68             | (28.14 - 37.57)                     |
| Sandhills Center 2                             | 6.09                | (4.50 - 8.20)                         | *                   | (* - *)                               | 25.29             | (21.20 - 29.88)                     | 26.36             | (22.47 - 30.66)                     |
| Smoky Mountain Center 1                        | 9.70                | (7.24 - 12.87)                        | *                   | (* - *)                               | 30.43             | (26.00 - 35.25)                     | 31.97             | (27.81 - 36.44)                     |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 25.30             | (21.26 - 29.81)                     | 26.76             | (22.89 - 31.03)                     |
| Trillium Health Resources 1                    | 7.44                | (5.51 - 9.97)                         | 36.61               | (31.04 - 42.56)                       | 28.16             | (24.12 - 32.60)                     | 29.50             | (25.77 - 33.52)                     |
| Trillium Health Resources 2                    | *                   | (* - *)                               | *                   | (* - *)                               | 28.37             | (23.81 - 33.43)                     | 29.91             | (25.65 - 34.56)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 8.20                | (6.82 - 9.82)                         | 40.92               | (37.76 - 44.16)                       | 29.84             | (27.60 - 32.18)                     | 31.83             | (29.82 - 33.92)                     |
| Badlands and West Central     | 9.11                | (7.17 - 11.50)                        | 45.38               | (40.03 - 50.83)                       | 28.94             | (25.79 - 32.30)                     | 31.35             | (28.42 - 34.43)                     |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | 29.98             | (25.13 - 35.33)                     | 31.91             | (27.29 - 36.91)                     |
| West Central                  | 9.11                | (7.00 - 11.78)                        | 46.17               | (40.09 - 52.37)                       | 28.63             | (25.10 - 32.45)                     | 31.18             | (27.90 - 34.67)                     |
| Lake Region                   | 10.50               | (7.76 - 14.06)                        | *                   | (* - *)                               | 34.39             | (29.23 - 39.95)                     | 35.28             | (30.44 - 40.44)                     |
| North Central                 | 7.67                | (5.75 - 10.15)                        | 44.20               | (37.61 - 51.00)                       | 31.73             | (27.39 - 36.41)                     | 33.94             | (29.95 - 38.18)                     |
| Northeast                     | 7.65                | (5.79 - 10.06)                        | 38.66               | (33.02 - 44.62)                       | 31.86             | (27.55 - 36.49)                     | 33.52             | (29.72 - 37.54)                     |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | 32.86             | (27.50 - 38.71)                     | 34.51             | (29.43 - 39.98)                     |
| South Central                 | 8.44                | (6.17 - 11.43)                        | *                   | (* - *)                               | 29.78             | (25.02 - 35.02)                     | 32.25             | (27.67 - 37.19)                     |
| Southeast                     | 6.77                | (5.14 - 8.87)                         | 36.09               | (31.56 - 40.88)                       | 27.35             | (23.96 - 31.01)                     | 29.14             | (26.13 - 32.33)                     |
| <b>Ohio</b>                   | 7.63                | (6.61 - 8.79)                         | 39.99               | (37.74 - 42.27)                       | 30.90             | (29.29 - 32.57)                     | 32.17             | (30.72 - 33.65)                     |
| Boards 2, 46, 55, and 68      | 8.70                | (6.63 - 11.35)                        | *                   | (* - *)                               | 34.47             | (29.67 - 39.61)                     | 35.96             | (31.47 - 40.72)                     |
| Boards 3, 52, and 85          | 7.77                | (5.76 - 10.42)                        | *                   | (* - *)                               | 25.91             | (21.81 - 30.49)                     | 27.47             | (23.54 - 31.78)                     |
| Boards 4 and 78               | 11.11               | (8.34 - 14.65)                        | *                   | (* - *)                               | 34.89             | (30.01 - 40.12)                     | 36.56             | (32.03 - 41.35)                     |
| Boards 5 and 60               | 11.20               | (8.55 - 14.54)                        | 41.38               | (35.14 - 47.90)                       | 36.50             | (31.59 - 41.71)                     | 37.35             | (32.88 - 42.04)                     |
| Boards 7, 15, 41, 79, and 84  | 10.68               | (8.28 - 13.67)                        | *                   | (* - *)                               | 35.56             | (30.98 - 40.42)                     | 36.60             | (32.37 - 41.05)                     |
| Boards 8, 13, and 83          | 7.67                | (5.78 - 10.10)                        | *                   | (* - *)                               | 27.53             | (23.55 - 31.89)                     | 29.09             | (25.27 - 33.24)                     |
| Board 9 (Butler)              | 6.81                | (5.14 - 8.97)                         | *                   | (* - *)                               | 30.33             | (26.03 - 35.01)                     | 31.36             | (27.33 - 35.69)                     |
| Board 12                      | 6.81                | (5.12 - 9.01)                         | 37.27               | (31.14 - 43.84)                       | 29.26             | (24.76 - 34.21)                     | 30.50             | (26.32 - 35.03)                     |
| Boards 18 and 47              | 6.37                | (4.90 - 8.24)                         | 40.89               | (36.03 - 45.93)                       | 29.48             | (26.15 - 33.06)                     | 31.01             | (27.95 - 34.24)                     |
| Boards 20, 32, 54, and 69     | 7.05                | (5.34 - 9.26)                         | 44.53               | (38.02 - 51.24)                       | 35.28             | (30.75 - 40.10)                     | 36.50             | (32.28 - 40.93)                     |
| Boards 21, 39, 51, 70, and 80 | 8.25                | (6.34 - 10.66)                        | 41.79               | (35.53 - 48.32)                       | 30.47             | (26.24 - 35.06)                     | 31.92             | (27.97 - 36.15)                     |
| Boards 22, 74, and 87         | 8.04                | (6.06 - 10.60)                        | 42.56               | (36.34 - 49.03)                       | 35.85             | (31.19 - 40.81)                     | 36.86             | (32.60 - 41.32)                     |
| Boards 23 and 45              | 7.77                | (5.82 - 10.31)                        | 39.52               | (33.17 - 46.25)                       | 31.78             | (27.41 - 36.50)                     | 32.88             | (28.82 - 37.21)                     |
| Board 25 (Franklin)           | 6.21                | (4.75 - 8.10)                         | 37.96               | (33.24 - 42.91)                       | 27.22             | (23.85 - 30.86)                     | 28.86             | (25.82 - 32.10)                     |
| Boards 27, 71, and 73         | 10.21               | (7.78 - 13.28)                        | *                   | (* - *)                               | 37.94             | (33.02 - 43.12)                     | 38.62             | (34.03 - 43.42)                     |
| Boards 28, 43, and 67         | 7.82                | (5.98 - 10.18)                        | 38.39               | (32.49 - 44.65)                       | 28.24             | (24.26 - 32.59)                     | 29.68             | (25.99 - 33.66)                     |
| Board 31 (Hamilton)           | 6.40                | (4.83 - 8.44)                         | 37.70               | (32.00 - 43.76)                       | 29.19             | (25.59 - 33.07)                     | 30.41             | (27.09 - 33.96)                     |
| Board 48 (Lucas)              | 6.86                | (5.15 - 9.08)                         | 38.61               | (32.39 - 45.22)                       | 34.12             | (29.62 - 38.93)                     | 34.79             | (30.63 - 39.20)                     |
| Boards 50 and 76              | 7.69                | (5.94 - 9.90)                         | 41.66               | (35.76 - 47.82)                       | 32.55             | (28.45 - 36.94)                     | 33.73             | (29.93 - 37.75)                     |
| Board 57 (Montgomery)         | 7.15                | (5.39 - 9.43)                         | 36.86               | (30.76 - 43.41)                       | 30.18             | (25.98 - 34.74)                     | 31.10             | (27.17 - 35.33)                     |
| Board 77 (Summit)             | 6.95                | (5.18 - 9.27)                         | 33.60               | (27.75 - 40.00)                       | 26.27             | (22.39 - 30.55)                     | 27.23             | (23.63 - 31.16)                     |

See notes at end of table.

(continued)



**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 8.88                | (7.29 - 10.77)                        | 38.94               | (35.69 - 42.30)                       | 33.15             | (30.74 - 35.65)                     | 34.02             | (31.84 - 36.27)                     |
| Central                               | 8.36                | (6.20 - 11.18)                        | 37.16               | (31.25 - 43.48)                       | 30.71             | (26.23 - 35.60)                     | 31.74             | (27.64 - 36.15)                     |
| East Central                          | 11.59               | (8.63 - 15.39)                        | *                   | (* - *)                               | 37.02             | (32.25 - 42.05)                     | 37.56             | (33.13 - 42.21)                     |
| Northeast                             | 10.77               | (8.05 - 14.27)                        | 35.80               | (29.55 - 42.57)                       | 33.18             | (28.65 - 38.04)                     | 33.61             | (29.45 - 38.03)                     |
| Northwest and Southwest               | 9.28                | (6.88 - 12.40)                        | 46.32               | (39.67 - 53.10)                       | 39.59             | (34.86 - 44.52)                     | 40.63             | (36.27 - 45.14)                     |
| Oklahoma County                       | 5.81                | (4.28 - 7.84)                         | 35.70               | (30.11 - 41.70)                       | 28.85             | (24.94 - 33.10)                     | 29.84             | (26.23 - 33.71)                     |
| Southeast                             | 12.10               | (9.08 - 15.96)                        | 42.82               | (36.24 - 49.65)                       | 36.32             | (31.79 - 41.11)                     | 37.24             | (33.06 - 41.61)                     |
| Tulsa County                          | 6.63                | (4.89 - 8.93)                         | 35.66               | (29.76 - 42.02)                       | 29.16             | (25.14 - 33.53)                     | 30.09             | (26.33 - 34.13)                     |
| <b>Oregon</b>                         | 7.07                | (5.84 - 8.54)                         | 33.91               | (30.77 - 37.20)                       | 22.60             | (20.47 - 24.89)                     | 24.11             | (22.14 - 26.19)                     |
| Region 1 (Multnomah)                  | 5.96                | (4.44 - 7.97)                         | 30.73               | (25.33 - 36.72)                       | 21.63             | (18.45 - 25.18)                     | 22.77             | (19.75 - 26.10)                     |
| Region 2                              | 6.07                | (4.65 - 7.88)                         | 32.59               | (27.63 - 37.97)                       | 17.76             | (14.89 - 21.05)                     | 19.66             | (16.94 - 22.69)                     |
| Region 3                              | 7.38                | (5.67 - 9.57)                         | 34.12               | (29.40 - 39.18)                       | 24.59             | (21.23 - 28.30)                     | 26.04             | (23.00 - 29.33)                     |
| Region 4                              | 8.99                | (6.75 - 11.88)                        | 37.98               | (31.99 - 44.36)                       | 25.76             | (21.83 - 30.12)                     | 27.18             | (23.49 - 31.21)                     |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | 21.50             | (17.34 - 26.33)                     | 23.29             | (19.19 - 27.97)                     |
| Region 6 (Eastern)                    | 7.83                | (5.73 - 10.60)                        | *                   | (* - *)                               | 28.16             | (23.62 - 33.20)                     | 29.34             | (25.04 - 34.04)                     |
| <b>Pennsylvania</b>                   | 6.67                | (5.74 - 7.75)                         | 37.00               | (34.83 - 39.21)                       | 27.76             | (26.21 - 29.38)                     | 29.03             | (27.63 - 30.46)                     |
| Region 1 (Allegheny)                  | 7.53                | (5.79 - 9.73)                         | 35.78               | (30.69 - 41.21)                       | 26.93             | (23.43 - 30.74)                     | 28.05             | (24.83 - 31.51)                     |
| Regions 3, 8, 9, and 51               | 9.98                | (7.67 - 12.89)                        | 43.18               | (37.16 - 49.42)                       | 31.40             | (27.42 - 35.68)                     | 33.00             | (29.33 - 36.89)                     |
| Regions 4, 11, 37, and 49             | 5.94                | (4.52 - 7.79)                         | 36.76               | (30.89 - 43.04)                       | 29.24             | (25.28 - 33.56)                     | 30.25             | (26.54 - 34.24)                     |
| Regions 5, 18, 23, 24, and 46         | 7.71                | (5.87 - 10.07)                        | 38.75               | (32.95 - 44.89)                       | 27.42             | (23.70 - 31.49)                     | 28.88             | (25.40 - 32.62)                     |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 9.33                | (7.12 - 12.13)                        | 38.32               | (32.86 - 44.09)                       | 32.05             | (27.88 - 36.52)                     | 33.19             | (29.43 - 37.17)                     |
| Regions 7, 13, 20, and 33             | 5.41                | (4.20 - 6.94)                         | 33.20               | (29.05 - 37.64)                       | 19.80             | (17.44 - 22.40)                     | 21.53             | (19.33 - 23.91)                     |
| Regions 10, 15, 27, 32, 43, and 44    | 9.46                | (7.18 - 12.37)                        | 44.25               | (37.72 - 50.98)                       | 33.99             | (29.44 - 38.85)                     | 35.22             | (30.96 - 39.73)                     |
| Regions 17 and 21                     | 7.91                | (5.96 - 10.42)                        | *                   | (* - *)                               | 32.01             | (27.33 - 37.08)                     | 32.87             | (28.46 - 37.61)                     |
| Regions 19, 26, 28, and 42            | 5.84                | (4.49 - 7.58)                         | 39.92               | (34.97 - 45.09)                       | 28.75             | (25.39 - 32.36)                     | 30.21             | (27.12 - 33.48)                     |
| Regions 22, 38, 40, 41, and 48        | 9.20                | (7.08 - 11.86)                        | 44.50               | (38.34 - 50.84)                       | 30.46             | (26.55 - 34.67)                     | 32.05             | (28.40 - 35.93)                     |
| Regions 29 and 34                     | 4.72                | (3.49 - 6.35)                         | 33.59               | (27.64 - 40.12)                       | 26.51             | (22.46 - 30.99)                     | 27.47             | (23.69 - 31.61)                     |
| Regions 30 and 50                     | 7.45                | (5.63 - 9.80)                         | 40.53               | (34.57 - 46.78)                       | 32.08             | (27.88 - 36.61)                     | 33.15             | (29.22 - 37.32)                     |
| Region 36 (Philadelphia)              | 4.65                | (3.54 - 6.09)                         | 32.30               | (27.91 - 37.01)                       | 30.41             | (26.74 - 34.35)                     | 30.73             | (27.49 - 34.16)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 6.03                | (4.86 - 7.45)                         | 33.21               | (29.82 - 36.79)                       | 23.99             | (21.72 - 26.42)                     | 25.42             | (23.30 - 27.67)                     |
| Region 1: Southern Providence<br>County                   | 4.93                | (3.57 - 6.76)                         | *                   | (* - *)                               | 22.97             | (19.34 - 27.05)                     | 24.36             | (20.91 - 28.18)                     |
| Region 2: Northern Providence<br>County/Blackstone Valley | 5.23                | (3.84 - 7.08)                         | 34.59               | (28.68 - 41.01)                       | 27.20             | (23.22 - 31.58)                     | 28.15             | (24.42 - 32.21)                     |
| Region 3: Providence                                      | 4.52                | (3.21 - 6.33)                         | 26.28               | (21.17 - 32.11)                       | 24.46             | (20.31 - 29.15)                     | 24.91             | (21.20 - 29.02)                     |
| Region 4: Kent County                                     | 8.09                | (6.00 - 10.82)                        | *                   | (* - *)                               | 26.39             | (22.52 - 30.66)                     | 27.87             | (24.17 - 31.89)                     |
| Region 5: East Bay                                        | 6.62                | (4.80 - 9.06)                         | *                   | (* - *)                               | 23.34             | (19.49 - 27.70)                     | 25.47             | (21.76 - 29.59)                     |
| Region 6: Newport County                                  | 7.00                | (5.06 - 9.62)                         | *                   | (* - *)                               | 19.21             | (15.82 - 23.13)                     | 21.46             | (18.09 - 25.26)                     |
| Region 7: South County                                    | 7.58                | (5.54 - 10.28)                        | *                   | (* - *)                               | 19.66             | (16.35 - 23.45)                     | 22.38             | (19.16 - 25.97)                     |
| <b>South Carolina</b>                                     | 7.58                | (6.26 - 9.15)                         | 39.44               | (36.16 - 42.82)                       | 29.43             | (27.20 - 31.76)                     | 30.83             | (28.78 - 32.95)                     |
| Region 1                                                  | 8.14                | (6.28 - 10.49)                        | 38.16               | (33.14 - 43.46)                       | 32.11             | (28.50 - 35.95)                     | 32.96             | (29.67 - 36.42)                     |
| Region 2                                                  | 7.02                | (5.40 - 9.07)                         | 39.03               | (33.77 - 44.56)                       | 28.49             | (24.95 - 32.32)                     | 30.05             | (26.77 - 33.55)                     |
| Region 3                                                  | 8.05                | (6.02 - 10.68)                        | 38.47               | (32.56 - 44.74)                       | 29.78             | (25.85 - 34.03)                     | 30.90             | (27.23 - 34.83)                     |
| Region 4                                                  | 7.12                | (5.41 - 9.33)                         | 41.93               | (36.18 - 47.90)                       | 26.93             | (23.67 - 30.45)                     | 29.01             | (25.98 - 32.23)                     |
| <b>South Dakota</b>                                       | 8.78                | (7.26 - 10.59)                        | 40.73               | (37.39 - 44.17)                       | 28.87             | (26.52 - 31.34)                     | 30.63             | (28.50 - 32.85)                     |
| Region 1                                                  | 9.57                | (7.27 - 12.50)                        | 45.52               | (39.62 - 51.56)                       | 30.02             | (26.29 - 34.04)                     | 32.22             | (28.77 - 35.88)                     |
| Region 2                                                  | 9.95                | (7.49 - 13.10)                        | *                   | (* - *)                               | 30.54             | (25.93 - 35.57)                     | 32.28             | (27.94 - 36.95)                     |
| Region 3                                                  | 9.29                | (7.14 - 12.01)                        | 39.03               | (33.43 - 44.92)                       | 28.39             | (24.62 - 32.48)                     | 30.16             | (26.73 - 33.83)                     |
| Region 4                                                  | 9.75                | (7.37 - 12.80)                        | 42.37               | (36.15 - 48.84)                       | 30.85             | (26.45 - 35.64)                     | 32.70             | (28.66 - 37.01)                     |
| Region 5                                                  | 6.84                | (5.09 - 9.13)                         | 36.36               | (31.21 - 41.84)                       | 26.78             | (23.22 - 30.68)                     | 28.09             | (24.80 - 31.64)                     |
| <b>Tennessee</b>                                          | 8.04                | (6.69 - 9.63)                         | 37.80               | (34.66 - 41.04)                       | 30.57             | (28.18 - 33.06)                     | 31.58             | (29.40 - 33.85)                     |
| Region 1                                                  | 11.09               | (8.35 - 14.59)                        | 42.11               | (35.73 - 48.76)                       | 32.93             | (28.22 - 38.01)                     | 34.07             | (29.66 - 38.78)                     |
| Region 2                                                  | 8.97                | (6.81 - 11.72)                        | 40.83               | (34.56 - 47.41)                       | 32.68             | (28.44 - 37.24)                     | 33.75             | (29.75 - 37.99)                     |
| Region 3                                                  | 9.43                | (7.13 - 12.36)                        | 40.83               | (34.48 - 47.49)                       | 30.69             | (26.68 - 35.01)                     | 32.05             | (28.25 - 36.11)                     |
| Region 4 (Davidson)                                       | 5.17                | (3.84 - 6.93)                         | *                   | (* - *)                               | 26.77             | (22.34 - 31.71)                     | 27.98             | (23.80 - 32.58)                     |
| Region 5                                                  | 7.99                | (6.14 - 10.35)                        | 38.74               | (33.30 - 44.48)                       | 30.92             | (27.13 - 34.99)                     | 32.03             | (28.57 - 35.69)                     |
| Region 6                                                  | 9.24                | (6.83 - 12.38)                        | *                   | (* - *)                               | 34.17             | (29.27 - 39.44)                     | 35.00             | (30.48 - 39.80)                     |
| Region 7 (Shelby)                                         | 5.27                | (3.83 - 7.21)                         | 29.00               | (23.64 - 35.02)                       | 25.65             | (21.62 - 30.13)                     | 26.18             | (22.49 - 30.23)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 4.87                | (4.17 - 5.68)                         | 30.56               | (28.77 - 32.41)                       | 24.46             | (23.17 - 25.80)                     | 25.40             | (24.27 - 26.57)                     |
| Region 1                                                    | 5.41                | (3.99 - 7.31)                         | 33.26               | (27.42 - 39.66)                       | 29.71             | (25.55 - 34.23)                     | 30.32             | (26.46 - 34.47)                     |
| Region 2                                                    | 6.71                | (5.01 - 8.93)                         | *                   | (* - *)                               | 35.38             | (30.74 - 40.31)                     | 36.34             | (32.00 - 40.91)                     |
| Region 3                                                    | 4.76                | (3.87 - 5.84)                         | 28.11               | (25.36 - 31.03)                       | 22.76             | (20.88 - 24.76)                     | 23.54             | (21.85 - 25.32)                     |
| Region 3a                                                   | 4.55                | (3.55 - 5.83)                         | 27.09               | (23.75 - 30.70)                       | 21.24             | (18.94 - 23.74)                     | 22.09             | (20.03 - 24.31)                     |
| Region 3bc                                                  | 5.13                | (3.97 - 6.59)                         | 29.91               | (25.74 - 34.44)                       | 25.45             | (22.65 - 28.48)                     | 26.10             | (23.54 - 28.84)                     |
| Region 4                                                    | 7.73                | (5.92 - 10.05)                        | 40.66               | (34.71 - 46.89)                       | 34.19             | (30.19 - 38.41)                     | 35.08             | (31.36 - 38.99)                     |
| Region 5                                                    | 7.37                | (5.51 - 9.80)                         | 35.74               | (29.65 - 42.33)                       | 30.69             | (26.29 - 35.47)                     | 31.43             | (27.36 - 35.82)                     |
| Region 6                                                    | 4.51                | (3.60 - 5.63)                         | 28.27               | (24.82 - 31.99)                       | 22.14             | (20.06 - 24.37)                     | 23.06             | (21.15 - 25.09)                     |
| Region 6a                                                   | 4.40                | (3.45 - 5.59)                         | 27.63               | (23.94 - 31.65)                       | 21.67             | (19.44 - 24.07)                     | 22.57             | (20.53 - 24.76)                     |
| Region 6bc                                                  | 5.47                | (4.09 - 7.30)                         | *                   | (* - *)                               | 26.08             | (22.00 - 30.61)                     | 27.21             | (23.33 - 31.47)                     |
| Region 7                                                    | 4.92                | (3.92 - 6.15)                         | 33.23               | (29.40 - 37.30)                       | 25.40             | (22.92 - 28.04)                     | 26.74             | (24.46 - 29.14)                     |
| Region 7a                                                   | 4.59                | (3.44 - 6.09)                         | 32.62               | (27.64 - 38.03)                       | 22.25             | (19.34 - 25.46)                     | 23.85             | (21.11 - 26.82)                     |
| Region 7bcd                                                 | 5.53                | (4.22 - 7.21)                         | 34.05               | (28.78 - 39.74)                       | 31.27             | (27.25 - 35.60)                     | 31.82             | (28.22 - 35.65)                     |
| Region 8                                                    | 4.16                | (3.18 - 5.41)                         | 32.88               | (28.61 - 37.45)                       | 23.55             | (20.77 - 26.58)                     | 24.99             | (22.45 - 27.72)                     |
| Region 9                                                    | 5.09                | (3.75 - 6.88)                         | *                   | (* - *)                               | 30.13             | (25.73 - 34.94)                     | 31.07             | (26.94 - 35.52)                     |
| Region 10                                                   | 4.37                | (3.24 - 5.85)                         | 28.25               | (23.08 - 34.06)                       | 21.18             | (17.82 - 24.98)                     | 22.41             | (19.24 - 25.94)                     |
| Region 11                                                   | 4.62                | (3.64 - 5.86)                         | 26.33               | (22.74 - 30.26)                       | 23.89             | (21.05 - 26.98)                     | 24.30             | (21.77 - 27.02)                     |
| Region 11abd                                                | 4.50                | (3.39 - 5.96)                         | 27.49               | (22.84 - 32.68)                       | 25.07             | (21.40 - 29.12)                     | 25.46             | (22.15 - 29.08)                     |
| Region 11c (Hidalgo)                                        | 4.81                | (3.51 - 6.55)                         | 24.47               | (19.62 - 30.06)                       | 21.81             | (18.13 - 25.99)                     | 22.28             | (18.91 - 26.06)                     |
| <b>Utah</b>                                                 | 3.54                | (2.59 - 4.84)                         | 19.88               | (17.10 - 22.99)                       | 15.52             | (13.74 - 17.49)                     | 16.32             | (14.68 - 18.10)                     |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | 3.96                | (2.63 - 5.93)                         | *                   | (* - *)                               | 17.16             | (13.63 - 21.38)                     | 17.51             | (14.21 - 21.40)                     |
| Central, Four Corners, San<br>Juan, and Southwest           | 4.98                | (3.46 - 7.12)                         | 22.69               | (17.86 - 28.37)                       | 17.28             | (14.35 - 20.65)                     | 18.23             | (15.39 - 21.45)                     |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | 19.51             | (15.64 - 24.08)                     | 20.08             | (16.36 - 24.40)                     |
| Southwest                                                   | 4.80                | (3.20 - 7.16)                         | *                   | (* - *)                               | 15.89             | (12.55 - 19.92)                     | 17.09             | (13.81 - 20.95)                     |
| Davis County                                                | 3.25                | (2.18 - 4.83)                         | 18.89               | (14.21 - 24.67)                       | 13.69             | (10.82 - 17.18)                     | 14.58             | (11.80 - 17.87)                     |
| Salt Lake County                                            | 3.31                | (2.27 - 4.81)                         | 21.72               | (18.02 - 25.93)                       | 15.57             | (13.41 - 18.02)                     | 16.57             | (14.55 - 18.80)                     |
| Utah County                                                 | 3.02                | (2.03 - 4.47)                         | 16.16               | (12.31 - 20.92)                       | 12.69             | (10.19 - 15.70)                     | 13.54             | (11.18 - 16.32)                     |
| Weber, Morgan                                               | 3.45                | (2.32 - 5.12)                         | 22.23               | (17.33 - 28.06)                       | 18.23             | (14.82 - 22.22)                     | 18.89             | (15.72 - 22.53)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 8.48                | (7.04 - 10.20)                        | 43.13               | (39.49 - 46.86)                       | 26.27             | (23.99 - 28.69)                     | 28.78             | (26.69 - 30.96)                     |
| Champlain Valley                      | 7.29                | (5.58 - 9.46)                         | 43.46               | (38.64 - 48.41)                       | 23.94             | (20.99 - 27.15)                     | 27.33             | (24.67 - 30.16)                     |
| Rural Northeast                       | 10.66               | (8.23 - 13.69)                        | *                   | (* - *)                               | 30.91             | (26.67 - 35.50)                     | 32.90             | (28.95 - 37.11)                     |
| Rural Southeast                       | 7.92                | (5.97 - 10.45)                        | *                   | (* - *)                               | 23.91             | (20.39 - 27.84)                     | 25.86             | (22.49 - 29.55)                     |
| Rural Southwest                       | 8.95                | (6.71 - 11.85)                        | *                   | (* - *)                               | 28.25             | (24.15 - 32.75)                     | 30.18             | (26.28 - 34.38)                     |
| <b>Virginia</b>                       | 6.17                | (5.13 - 7.41)                         | 33.73               | (31.14 - 36.43)                       | 25.41             | (23.68 - 27.23)                     | 26.59             | (25.01 - 28.24)                     |
| Region 1                              | 6.55                | (4.97 - 8.58)                         | 34.49               | (29.33 - 40.03)                       | 25.70             | (22.41 - 29.29)                     | 27.08             | (24.03 - 30.36)                     |
| Region 2                              | 3.92                | (2.89 - 5.31)                         | 23.77               | (19.92 - 28.10)                       | 15.93             | (13.67 - 18.48)                     | 16.86             | (14.72 - 19.23)                     |
| Region 3                              | 10.59               | (8.19 - 13.60)                        | 43.43               | (38.16 - 48.84)                       | 36.15             | (32.30 - 40.19)                     | 37.22             | (33.72 - 40.85)                     |
| Region 4                              | 6.39                | (4.86 - 8.37)                         | 34.66               | (29.72 - 39.96)                       | 27.65             | (24.37 - 31.19)                     | 28.66             | (25.63 - 31.88)                     |
| Region 5                              | 5.86                | (4.44 - 7.70)                         | 35.11               | (30.61 - 39.88)                       | 27.80             | (24.53 - 31.33)                     | 28.94             | (25.98 - 32.10)                     |
| <b>Washington</b>                     | 5.86                | (4.77 - 7.16)                         | 29.78               | (26.71 - 33.05)                       | 21.22             | (19.21 - 23.39)                     | 22.40             | (20.51 - 24.41)                     |
| Region 1                              | 6.27                | (4.85 - 8.07)                         | 31.06               | (26.57 - 35.94)                       | 24.29             | (21.05 - 27.84)                     | 25.36             | (22.35 - 28.63)                     |
| Greater Columbia and North<br>Central | 4.96                | (3.58 - 6.84)                         | 27.48               | (22.35 - 33.29)                       | 22.26             | (18.45 - 26.61)                     | 23.15             | (19.60 - 27.12)                     |
| Spokane                               | 8.50                | (6.23 - 11.49)                        | *                   | (* - *)                               | 27.12             | (22.71 - 32.04)                     | 28.57             | (24.39 - 33.17)                     |
| Region 2                              | 4.87                | (3.78 - 6.27)                         | 26.56               | (22.79 - 30.71)                       | 16.92             | (14.73 - 19.35)                     | 18.16             | (16.09 - 20.44)                     |
| King                                  | 4.41                | (3.23 - 5.99)                         | 25.31               | (20.70 - 30.56)                       | 14.98             | (12.58 - 17.75)                     | 16.28             | (13.96 - 18.89)                     |
| North Sound                           | 5.61                | (4.18 - 7.51)                         | 28.59               | (23.23 - 34.62)                       | 20.41             | (17.01 - 24.30)                     | 21.53             | (18.29 - 25.16)                     |
| Region 3                              | 6.83                | (5.43 - 8.57)                         | 33.20               | (29.12 - 37.55)                       | 25.50             | (22.72 - 28.49)                     | 26.54             | (23.95 - 29.30)                     |
| Pierce                                | 6.26                | (4.67 - 8.35)                         | 32.19               | (26.59 - 38.35)                       | 26.06             | (22.38 - 30.13)                     | 26.96             | (23.52 - 30.69)                     |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | 22.48             | (18.55 - 26.97)                     | 23.74             | (19.92 - 28.02)                     |
| SW WA and Great Rivers                | 7.36                | (5.37 - 10.02)                        | *                   | (* - *)                               | 27.12             | (22.70 - 32.04)                     | 28.19             | (24.07 - 32.71)                     |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 25.13             | (20.78 - 30.04)                     |

See notes at end of table.

(continued)

**Table 7 Tobacco Product Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 12.89               | (10.97 - 15.09)                       | 47.87               | (44.46 - 51.29)                       | 38.62             | (35.95 - 41.36)                     | 39.82             | (37.38 - 42.32)                     |
| Region I                      | 12.70               | (9.62 - 16.59)                        | *                   | (* - *)                               | 37.22             | (31.68 - 43.12)                     | 38.53             | (33.37 - 43.96)                     |
| Region II                     | 9.53                | (7.29 - 12.37)                        | *                   | (* - *)                               | 32.68             | (28.13 - 37.58)                     | 33.85             | (29.58 - 38.39)                     |
| Region III                    | 13.45               | (10.21 - 17.51)                       | *                   | (* - *)                               | 38.69             | (33.61 - 44.04)                     | 39.67             | (34.89 - 44.66)                     |
| Region IV                     | 13.57               | (10.74 - 17.00)                       | 48.21               | (42.62 - 53.84)                       | 40.56             | (36.13 - 45.14)                     | 41.84             | (37.86 - 45.92)                     |
| Region V                      | 13.14               | (10.37 - 16.52)                       | 48.50               | (42.79 - 54.25)                       | 39.03             | (34.87 - 43.36)                     | 40.16             | (36.32 - 44.12)                     |
| Region VI                     | 14.63               | (11.59 - 18.30)                       | 51.83               | (45.52 - 58.08)                       | 40.82             | (36.43 - 45.37)                     | 42.07             | (37.97 - 46.28)                     |
| <b>Wisconsin</b>              | 7.06                | (5.82 - 8.53)                         | 33.51               | (30.36 - 36.82)                       | 26.40             | (24.21 - 28.72)                     | 27.41             | (25.38 - 29.55)                     |
| Milwaukee                     | 4.92                | (3.66 - 6.59)                         | 29.05               | (23.99 - 34.69)                       | 27.74             | (23.73 - 32.14)                     | 27.95             | (24.32 - 31.89)                     |
| Northeastern                  | 7.37                | (5.54 - 9.73)                         | 33.85               | (28.19 - 40.02)                       | 26.74             | (23.09 - 30.74)                     | 27.68             | (24.25 - 31.39)                     |
| Northern                      | 9.46                | (7.02 - 12.63)                        | *                   | (* - *)                               | 29.35             | (24.85 - 34.30)                     | 30.37             | (26.13 - 34.97)                     |
| Southeastern                  | 6.54                | (4.91 - 8.68)                         | 32.26               | (26.73 - 38.33)                       | 24.43             | (20.76 - 28.50)                     | 25.48             | (22.06 - 29.23)                     |
| Southern                      | 6.41                | (4.80 - 8.51)                         | 33.98               | (28.64 - 39.77)                       | 24.01             | (20.58 - 27.80)                     | 25.42             | (22.21 - 28.93)                     |
| Western                       | 9.70                | (7.32 - 12.75)                        | 37.74               | (31.65 - 44.24)                       | 28.84             | (24.48 - 33.64)                     | 30.20             | (26.17 - 34.56)                     |
| <b>Wyoming</b>                | 9.36                | (7.73 - 11.28)                        | 41.75               | (38.40 - 45.17)                       | 29.95             | (27.52 - 32.51)                     | 31.65             | (29.42 - 33.96)                     |
| Judicial District 1 (Laramie) | 8.53                | (6.24 - 11.54)                        | *                   | (* - *)                               | 30.68             | (26.29 - 35.46)                     | 32.14             | (28.05 - 36.53)                     |
| Judicial District 2           | 7.21                | (5.28 - 9.79)                         | 35.05               | (29.48 - 41.07)                       | 27.74             | (23.45 - 32.49)                     | 29.68             | (25.90 - 33.76)                     |
| Judicial District 3           | 8.12                | (6.03 - 10.84)                        | *                   | (* - *)                               | 28.39             | (24.08 - 33.15)                     | 29.86             | (25.81 - 34.26)                     |
| Judicial District 4           | 10.98               | (8.23 - 14.49)                        | *                   | (* - *)                               | 27.03             | (22.33 - 32.30)                     | 28.96             | (24.43 - 33.95)                     |
| Judicial District 5           | 9.57                | (7.11 - 12.76)                        | *                   | (* - *)                               | 27.48             | (23.46 - 31.90)                     | 29.35             | (25.47 - 33.56)                     |
| Judicial District 6           | 9.82                | (7.36 - 12.98)                        | 43.86               | (37.71 - 50.21)                       | 35.83             | (30.80 - 41.20)                     | 36.95             | (32.32 - 41.83)                     |
| Judicial District 7 (Natrona) | 9.88                | (7.36 - 13.13)                        | *                   | (* - *)                               | 32.87             | (28.51 - 37.55)                     | 34.43             | (30.33 - 38.77)                     |
| Judicial District 8           | 9.59                | (7.09 - 12.85)                        | *                   | (* - *)                               | 30.93             | (26.01 - 36.33)                     | 32.97             | (28.29 - 38.01)                     |
| Judicial District 9           | 11.21               | (8.36 - 14.88)                        | *                   | (* - *)                               | 27.27             | (22.98 - 32.02)                     | 29.64             | (25.56 - 34.07)                     |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: Tobacco Products include cigarettes, smokeless tobacco (i.e., snuff, dip, chewing tobacco, or "snus"), cigars, or pipe tobacco.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 4.16                | (3.95 - 4.38)                         | 26.20               | (25.62 - 26.79)                       | 20.55             | (20.18 - 20.92)                     | 21.36             | (21.02 - 21.70)                     |
| <b>Northeast</b>           | 3.70                | (3.37 - 4.07)                         | 25.71               | (24.70 - 26.74)                       | 19.64             | (18.82 - 20.48)                     | 20.49             | (19.79 - 21.21)                     |
| <b>Midwest</b>             | 5.07                | (4.69 - 5.48)                         | 29.16               | (28.21 - 30.13)                       | 22.87             | (22.08 - 23.68)                     | 23.78             | (23.11 - 24.46)                     |
| <b>South</b>               | 4.31                | (4.00 - 4.64)                         | 27.30               | (26.49 - 28.12)                       | 22.15             | (21.44 - 22.88)                     | 22.89             | (22.29 - 23.50)                     |
| <b>West</b>                | 3.43                | (3.08 - 3.81)                         | 22.25               | (21.27 - 23.26)                       | 16.60             | (15.83 - 17.41)                     | 17.43             | (16.77 - 18.11)                     |
| <b>Alabama</b>             | 5.29                | (4.22 - 6.61)                         | 30.78               | (27.70 - 34.03)                       | 24.14             | (21.99 - 26.43)                     | 25.09             | (23.14 - 27.15)                     |
| Region 1                   | 5.74                | (4.12 - 7.93)                         | 32.10               | (27.11 - 37.53)                       | 25.95             | (22.29 - 29.98)                     | 26.75             | (23.38 - 30.42)                     |
| Region 2                   | 4.94                | (3.53 - 6.89)                         | 31.81               | (26.85 - 37.21)                       | 24.77             | (21.41 - 28.46)                     | 25.79             | (22.72 - 29.13)                     |
| Region 3                   | 4.12                | (2.86 - 5.90)                         | 24.69               | (20.04 - 30.01)                       | 20.93             | (17.29 - 25.11)                     | 21.56             | (18.24 - 25.30)                     |
| Region 4                   | 6.12                | (4.41 - 8.42)                         | 33.88               | (28.32 - 39.92)                       | 23.43             | (19.93 - 27.33)                     | 24.81             | (21.55 - 28.39)                     |
| <b>Alaska</b>              | 7.18                | (5.78 - 8.89)                         | 33.20               | (29.85 - 36.72)                       | 25.11             | (22.90 - 27.46)                     | 26.37             | (24.35 - 28.50)                     |
| Anchorage                  | 5.57                | (4.07 - 7.58)                         | 28.35               | (24.22 - 32.87)                       | 21.90             | (19.06 - 25.03)                     | 22.92             | (20.35 - 25.71)                     |
| Northern                   | 7.96                | (5.70 - 11.00)                        | 37.04               | (31.09 - 43.41)                       | 32.47             | (28.15 - 37.11)                     | 33.29             | (29.38 - 37.44)                     |
| South Central              | 8.74                | (6.51 - 11.64)                        | 36.98               | (31.35 - 42.98)                       | 24.69             | (21.17 - 28.58)                     | 26.44             | (23.17 - 29.98)                     |
| Southeast                  | 7.68                | (5.31 - 10.99)                        | *                   | (* - *)                               | 23.81             | (19.47 - 28.76)                     | 25.21             | (21.11 - 29.81)                     |
| <b>Arizona</b>             | 3.43                | (2.64 - 4.44)                         | 24.80               | (22.00 - 27.82)                       | 19.30             | (17.31 - 21.45)                     | 20.10             | (18.29 - 22.04)                     |
| Central                    | 3.29                | (2.35 - 4.59)                         | 22.98               | (19.69 - 26.63)                       | 18.27             | (15.94 - 20.86)                     | 18.96             | (16.84 - 21.28)                     |
| North                      | 4.94                | (3.39 - 7.13)                         | *                   | (* - *)                               | 22.06             | (17.77 - 27.04)                     | 23.52             | (19.49 - 28.09)                     |
| South                      | 3.15                | (2.32 - 4.25)                         | 25.47               | (21.28 - 30.16)                       | 20.25             | (17.36 - 23.49)                     | 21.02             | (18.31 - 24.01)                     |
| South A                    | 2.82                | (1.92 - 4.12)                         | 24.51               | (19.40 - 30.44)                       | 18.03             | (14.75 - 21.85)                     | 18.97             | (15.88 - 22.52)                     |
| South B                    | 3.48                | (2.38 - 5.07)                         | 26.62               | (21.02 - 33.08)                       | 22.99             | (18.75 - 27.85)                     | 23.53             | (19.60 - 27.97)                     |
| <b>Arkansas</b>            | 6.01                | (4.89 - 7.38)                         | 31.65               | (28.52 - 34.96)                       | 29.09             | (26.76 - 31.53)                     | 29.45             | (27.35 - 31.64)                     |
| Catchment Area 1           | 4.45                | (3.08 - 6.40)                         | 27.49               | (22.20 - 33.49)                       | 22.60             | (18.85 - 26.84)                     | 23.37             | (19.92 - 27.22)                     |
| Catchment Area 2           | 8.57                | (6.00 - 12.11)                        | *                   | (* - *)                               | 32.49             | (27.47 - 37.96)                     | 32.92             | (28.28 - 37.92)                     |
| Catchment Area 3           | 5.97                | (4.20 - 8.41)                         | 29.33               | (23.70 - 35.67)                       | 29.42             | (25.04 - 34.23)                     | 29.41             | (25.42 - 33.75)                     |
| Catchment Area 4           | 6.32                | (4.35 - 9.09)                         | *                   | (* - *)                               | 29.45             | (24.72 - 34.67)                     | 30.18             | (25.79 - 34.97)                     |
| Catchment Area 5           | 6.04                | (4.25 - 8.52)                         | 30.13               | (24.95 - 35.87)                       | 28.79             | (24.49 - 33.50)                     | 29.00             | (25.12 - 33.21)                     |
| Catchment Area 6           | 5.77                | (4.01 - 8.24)                         | *                   | (* - *)                               | 33.07             | (27.81 - 38.80)                     | 33.20             | (28.36 - 38.42)                     |
| Catchment Area 7           | 5.78                | (4.00 - 8.28)                         | *                   | (* - *)                               | 31.19             | (25.77 - 37.19)                     | 31.65             | (26.62 - 37.15)                     |
| Catchment Area 8           | 6.11                | (4.33 - 8.54)                         | *                   | (* - *)                               | 29.75             | (25.47 - 34.43)                     | 30.19             | (26.21 - 34.50)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 2.79                | (2.34 - 3.33)                         | 19.80               | (18.38 - 21.30)                       | 14.78             | (13.78 - 15.85)                     | 15.53             | (14.65 - 16.46)                     |
| Region 1R                   | 4.48                | (3.17 - 6.29)                         | 26.39               | (21.14 - 32.41)                       | 19.51             | (16.18 - 23.34)                     | 20.49             | (17.33 - 24.06)                     |
| Region 2R                   | 3.53                | (2.47 - 5.01)                         | 21.15               | (16.69 - 26.42)                       | 14.68             | (11.88 - 17.99)                     | 15.65             | (13.01 - 18.72)                     |
| Region 3R (Sacramento)      | 3.06                | (2.15 - 4.34)                         | 18.75               | (14.87 - 23.35)                       | 16.84             | (13.97 - 20.16)                     | 17.12             | (14.46 - 20.14)                     |
| Region 4R                   | 2.85                | (1.97 - 4.09)                         | 20.64               | (16.12 - 26.04)                       | 13.49             | (10.95 - 16.50)                     | 14.41             | (11.94 - 17.29)                     |
| Region 5R (San Francisco)   | *                   | (* - *)                               | 21.85               | (16.98 - 27.66)                       | 14.09             | (11.21 - 17.57)                     | 14.87             | (12.07 - 18.20)                     |
| Region 6 (Santa Clara)      | 2.40                | (1.63 - 3.51)                         | 16.31               | (12.77 - 20.59)                       | 10.52             | (8.56 - 12.87)                      | 11.27             | (9.38 - 13.49)                      |
| Region 7R (Contra Costa)    | 2.49                | (1.71 - 3.60)                         | 19.29               | (15.15 - 24.24)                       | 12.59             | (10.20 - 15.45)                     | 13.48             | (11.17 - 16.18)                     |
| Region 8R (Alameda)         | 2.66                | (1.83 - 3.83)                         | 19.45               | (15.42 - 24.24)                       | 12.99             | (10.63 - 15.79)                     | 13.85             | (11.59 - 16.47)                     |
| Region 9R (San Mateo)       | 2.46                | (1.67 - 3.62)                         | 19.94               | (15.23 - 25.66)                       | 11.52             | (9.13 - 14.43)                      | 12.47             | (10.13 - 15.26)                     |
| Region 10                   | 2.62                | (1.79 - 3.83)                         | 21.63               | (17.12 - 26.95)                       | 13.78             | (11.03 - 17.09)                     | 15.07             | (12.41 - 18.19)                     |
| Region 11 (Los Angeles)     | 2.67                | (2.16 - 3.30)                         | 19.45               | (17.46 - 21.61)                       | 14.24             | (12.89 - 15.70)                     | 15.02             | (13.79 - 16.34)                     |
| LA SPA 1 and 5              | 2.46                | (1.71 - 3.55)                         | 18.99               | (14.81 - 24.02)                       | 13.60             | (10.96 - 16.75)                     | 14.41             | (11.88 - 17.37)                     |
| LA SPA 2                    | 2.96                | (2.09 - 4.18)                         | 18.64               | (14.87 - 23.09)                       | 13.02             | (10.71 - 15.73)                     | 13.80             | (11.61 - 16.33)                     |
| LA SPA 3                    | 2.39                | (1.63 - 3.49)                         | 18.82               | (14.77 - 23.66)                       | 12.23             | (9.82 - 15.13)                      | 13.20             | (10.90 - 15.90)                     |
| LA SPA 4                    | 2.98                | (2.04 - 4.32)                         | 21.58               | (16.85 - 27.21)                       | 17.32             | (14.09 - 21.11)                     | 17.90             | (14.84 - 21.42)                     |
| LA SPA 6                    | 2.95                | (1.98 - 4.37)                         | 18.19               | (14.09 - 23.17)                       | 18.43             | (15.04 - 22.39)                     | 18.36             | (15.27 - 21.92)                     |
| LA SPA 7                    | 2.57                | (1.75 - 3.77)                         | 20.91               | (16.48 - 26.16)                       | 13.57             | (10.91 - 16.77)                     | 14.79             | (12.24 - 17.77)                     |
| LA SPA 8                    | 2.41                | (1.69 - 3.42)                         | 19.81               | (15.71 - 24.67)                       | 14.48             | (11.85 - 17.58)                     | 15.24             | (12.77 - 18.09)                     |
| Region 12R                  | 2.66                | (1.82 - 3.87)                         | 19.71               | (15.35 - 24.95)                       | 18.26             | (14.92 - 22.16)                     | 18.48             | (15.40 - 22.02)                     |
| Regions 13 and 19R          | 2.64                | (1.84 - 3.78)                         | 17.21               | (13.98 - 21.01)                       | 16.41             | (13.88 - 19.30)                     | 16.53             | (14.25 - 19.10)                     |
| Region 14 (Orange)          | 2.95                | (2.10 - 4.13)                         | 20.41               | (16.50 - 24.96)                       | 12.90             | (10.77 - 15.37)                     | 13.98             | (11.95 - 16.30)                     |
| Region 15R (Fresno)         | 2.60                | (1.76 - 3.82)                         | 18.98               | (14.87 - 23.92)                       | 17.04             | (13.85 - 20.79)                     | 17.37             | (14.43 - 20.77)                     |
| Region 16R (San Diego)      | 2.91                | (2.08 - 4.04)                         | 20.34               | (16.67 - 24.58)                       | 14.31             | (12.12 - 16.81)                     | 15.24             | (13.22 - 17.51)                     |
| Region 17R                  | 2.93                | (2.03 - 4.21)                         | 21.12               | (17.22 - 25.62)                       | 19.22             | (16.27 - 22.57)                     | 19.54             | (16.87 - 22.53)                     |
| Region 18R (San Bernardino) | 2.61                | (1.81 - 3.73)                         | 20.15               | (16.32 - 24.61)                       | 18.73             | (15.86 - 21.98)                     | 18.96             | (16.36 - 21.87)                     |
| Region 20R                  | 2.72                | (1.90 - 3.88)                         | 20.28               | (15.82 - 25.62)                       | 17.92             | (14.65 - 21.74)                     | 18.31             | (15.26 - 21.82)                     |
| Region 21R                  | 3.35                | (2.32 - 4.81)                         | 19.75               | (14.99 - 25.55)                       | 15.04             | (12.18 - 18.43)                     | 15.81             | (13.04 - 19.05)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 4.16                | (3.30 - 5.22)                         | 27.23               | (24.38 - 30.27)                       | 17.90             | (16.04 - 19.92)                     | 19.24             | (17.52 - 21.09)                     |
| Region 1                                  | 5.02                | (3.42 - 7.30)                         | 29.62               | (23.95 - 35.99)                       | 15.56             | (12.61 - 19.05)                     | 17.59             | (14.71 - 20.89)                     |
| Region 2                                  | 4.16                | (2.84 - 6.05)                         | *                   | (* - *)                               | 20.85             | (16.64 - 25.79)                     | 21.96             | (17.98 - 26.53)                     |
| Region 3                                  | 4.19                | (3.01 - 5.82)                         | 26.64               | (22.11 - 31.74)                       | 18.36             | (15.39 - 21.75)                     | 19.51             | (16.74 - 22.61)                     |
| Region 4                                  | *                   | (* - *)                               | *                   | (* - *)                               | 21.67             | (17.51 - 26.50)                     | 22.69             | (18.74 - 27.20)                     |
| Region 5                                  | 3.58                | (2.42 - 5.27)                         | 26.02               | (20.89 - 31.91)                       | 19.39             | (15.81 - 23.55)                     | 20.29             | (16.91 - 24.15)                     |
| Region 6                                  | 3.97                | (2.76 - 5.68)                         | 25.74               | (20.60 - 31.64)                       | 14.78             | (12.03 - 18.04)                     | 16.34             | (13.68 - 19.39)                     |
| Region 7                                  | 4.06                | (2.80 - 5.84)                         | *                   | (* - *)                               | 18.93             | (15.57 - 22.82)                     | 20.20             | (17.00 - 23.84)                     |
| <b>Connecticut</b>                        | 3.56                | (2.76 - 4.57)                         | 28.40               | (25.17 - 31.86)                       | 17.52             | (15.61 - 19.62)                     | 19.04             | (17.24 - 20.98)                     |
| Eastern                                   | 4.26                | (2.87 - 6.27)                         | *                   | (* - *)                               | 21.39             | (17.47 - 25.93)                     | 22.84             | (19.17 - 26.99)                     |
| North Central                             | 3.06                | (2.07 - 4.50)                         | 31.67               | (26.09 - 37.82)                       | 17.08             | (14.17 - 20.45)                     | 19.04             | (16.26 - 22.16)                     |
| Northwestern                              | 3.93                | (2.73 - 5.63)                         | 28.77               | (23.02 - 35.29)                       | 17.49             | (14.37 - 21.11)                     | 18.92             | (15.92 - 22.32)                     |
| South Central                             | 4.11                | (2.77 - 6.07)                         | 25.31               | (20.36 - 31.00)                       | 17.85             | (14.80 - 21.37)                     | 18.91             | (16.04 - 22.15)                     |
| Southwest                                 | 2.97                | (1.98 - 4.43)                         | 26.18               | (21.11 - 31.98)                       | 15.42             | (12.36 - 19.08)                     | 16.87             | (13.94 - 20.28)                     |
| <b>Delaware</b>                           | 3.56                | (2.75 - 4.61)                         | 27.52               | (24.58 - 30.68)                       | 21.44             | (19.38 - 23.65)                     | 22.27             | (20.39 - 24.27)                     |
| Kent                                      | 3.91                | (2.67 - 5.68)                         | 28.17               | (22.97 - 34.04)                       | 23.75             | (19.91 - 28.07)                     | 24.42             | (20.92 - 28.29)                     |
| New Castle (excluding<br>Wilmington City) | 3.30                | (2.35 - 4.63)                         | 26.10               | (22.51 - 30.04)                       | 18.62             | (16.13 - 21.41)                     | 19.70             | (17.45 - 22.17)                     |
| Sussex                                    | 4.30                | (2.96 - 6.22)                         | 31.25               | (25.36 - 37.81)                       | 23.36             | (19.59 - 27.61)                     | 24.18             | (20.58 - 28.18)                     |
| Wilmington City                           | 2.64                | (1.76 - 3.95)                         | *                   | (* - *)                               | 28.43             | (23.32 - 34.17)                     | 28.33             | (23.60 - 33.60)                     |
| <b>District of Columbia</b>               | 2.34                | (1.74 - 3.14)                         | 23.31               | (20.41 - 26.48)                       | 19.79             | (17.78 - 21.97)                     | 20.39             | (18.56 - 22.34)                     |
| Ward 1                                    | *                   | (* - *)                               | 19.27               | (14.91 - 24.55)                       | 18.71             | (14.93 - 23.17)                     | 18.79             | (15.38 - 22.76)                     |
| Ward 2                                    | *                   | (* - *)                               | 22.53               | (17.60 - 28.35)                       | 17.09             | (13.70 - 21.11)                     | 18.47             | (15.33 - 22.08)                     |
| Ward 3                                    | 3.52                | (2.27 - 5.41)                         | 21.91               | (16.82 - 28.02)                       | 14.10             | (11.04 - 17.83)                     | 15.38             | (12.45 - 18.85)                     |
| Ward 4                                    | 2.91                | (1.93 - 4.38)                         | *                   | (* - *)                               | 18.11             | (14.64 - 22.19)                     | 18.89             | (15.55 - 22.75)                     |
| Ward 5                                    | 2.15                | (1.40 - 3.29)                         | *                   | (* - *)                               | 21.77             | (17.90 - 26.22)                     | 22.73             | (19.08 - 26.84)                     |
| Ward 6                                    | 1.99                | (1.29 - 3.06)                         | 21.01               | (16.63 - 26.20)                       | 16.22             | (13.06 - 19.97)                     | 16.82             | (13.84 - 20.29)                     |
| Ward 7                                    | 1.73                | (1.11 - 2.69)                         | 23.69               | (18.58 - 29.68)                       | 24.95             | (20.55 - 29.92)                     | 24.73             | (20.75 - 29.19)                     |
| Ward 8                                    | 1.86                | (1.17 - 2.94)                         | *                   | (* - *)                               | 30.01             | (24.99 - 35.56)                     | 29.32             | (24.85 - 34.23)                     |

See notes at end of table.

(continued)



**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 3.37                | (2.81 - 4.04)                         | 21.92               | (20.31 - 23.63)                       | 18.68             | (17.41 - 20.01)                     | 19.09             | (17.96 - 20.27)                     |
| Broward (Circuit 17)                                                    | 2.62                | (1.83 - 3.73)                         | 19.41               | (15.73 - 23.72)                       | 16.87             | (14.07 - 20.08)                     | 17.18             | (14.59 - 20.12)                     |
| Central I                                                               | 2.99                | (2.29 - 3.90)                         | 19.50               | (16.78 - 22.55)                       | 17.60             | (15.52 - 19.89)                     | 17.87             | (15.97 - 19.94)                     |
| Circuit 9                                                               | 2.30                | (1.61 - 3.28)                         | 17.56               | (14.38 - 21.27)                       | 16.46             | (13.92 - 19.35)                     | 16.63             | (14.35 - 19.19)                     |
| Circuit 18                                                              | 4.11                | (2.91 - 5.79)                         | 23.21               | (18.66 - 28.49)                       | 19.19             | (16.08 - 22.75)                     | 19.69             | (16.77 - 22.97)                     |
| Central II                                                              | 3.62                | (2.90 - 4.52)                         | 24.77               | (22.29 - 27.43)                       | 19.43             | (17.68 - 21.32)                     | 20.04             | (18.43 - 21.76)                     |
| Circuit 6                                                               | 4.40                | (3.11 - 6.19)                         | 25.55               | (20.95 - 30.77)                       | 21.48             | (18.23 - 25.13)                     | 21.90             | (18.86 - 25.29)                     |
| Circuit 10                                                              | 3.70                | (2.56 - 5.30)                         | 28.49               | (23.41 - 34.19)                       | 24.05             | (20.27 - 28.29)                     | 24.61             | (21.11 - 28.49)                     |
| Circuit 12                                                              | 3.89                | (2.72 - 5.55)                         | 26.41               | (20.93 - 32.73)                       | 16.54             | (13.43 - 20.21)                     | 17.48             | (14.49 - 20.94)                     |
| Circuit 13 (Hillsborough)                                               | 2.86                | (2.00 - 4.07)                         | 22.05               | (18.13 - 26.56)                       | 19.84             | (16.73 - 23.36)                     | 20.15             | (17.33 - 23.30)                     |
| Circuit 20                                                              | 3.51                | (2.41 - 5.07)                         | 24.07               | (18.97 - 30.02)                       | 15.86             | (12.93 - 19.32)                     | 16.70             | (13.88 - 19.96)                     |
| Northeast                                                               | 4.09                | (3.26 - 5.12)                         | 25.46               | (22.57 - 28.58)                       | 20.98             | (18.83 - 23.32)                     | 21.56             | (19.57 - 23.69)                     |
| Circuit 4                                                               | 3.80                | (2.68 - 5.37)                         | 24.68               | (19.96 - 30.10)                       | 20.98             | (17.31 - 25.19)                     | 21.49             | (18.10 - 25.31)                     |
| Circuit 5                                                               | 4.09                | (2.88 - 5.79)                         | 27.84               | (22.54 - 33.83)                       | 20.38             | (16.85 - 24.43)                     | 21.09             | (17.74 - 24.89)                     |
| Circuit 7                                                               | 4.24                | (2.96 - 6.05)                         | 28.56               | (23.26 - 34.53)                       | 20.10             | (16.74 - 23.94)                     | 21.08             | (17.88 - 24.68)                     |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | 4.57                | (3.22 - 6.44)                         | 21.26               | (16.63 - 26.77)                       | 24.02             | (19.82 - 28.79)                     | 23.46             | (19.71 - 27.67)                     |
| Northwest                                                               | 4.73                | (3.69 - 6.04)                         | 23.02               | (20.01 - 26.34)                       | 22.05             | (19.47 - 24.87)                     | 22.20             | (19.88 - 24.71)                     |
| Circuit 1                                                               | 4.41                | (3.10 - 6.23)                         | 22.43               | (18.22 - 27.29)                       | 19.98             | (16.46 - 24.04)                     | 20.33             | (17.10 - 24.00)                     |
| Circuit 2 plus Madison and<br>Taylor                                    | 4.47                | (3.09 - 6.41)                         | 20.82               | (16.71 - 25.63)                       | 22.64             | (18.68 - 27.15)                     | 22.22             | (18.79 - 26.07)                     |
| Circuit 14                                                              | *                   | (* - *)                               | *                   | (* - *)                               | 26.08             | (21.28 - 31.52)                     | 26.60             | (22.10 - 31.65)                     |
| South (Circuits 11 and 16)                                              | 2.14                | (1.46 - 3.11)                         | 14.64               | (11.75 - 18.09)                       | 14.52             | (12.30 - 17.06)                     | 14.54             | (12.53 - 16.81)                     |
| Southeast                                                               | 3.32                | (2.47 - 4.46)                         | 23.18               | (19.47 - 27.35)                       | 18.51             | (16.06 - 21.25)                     | 19.04             | (16.71 - 21.60)                     |
| Circuit 15 (Palm Beach)                                                 | 3.08                | (2.13 - 4.42)                         | 22.97               | (18.52 - 28.12)                       | 17.35             | (14.49 - 20.64)                     | 17.98             | (15.27 - 21.06)                     |
| Circuit 19                                                              | 3.85                | (2.63 - 5.62)                         | 23.66               | (18.69 - 29.47)                       | 21.06             | (17.34 - 25.33)                     | 21.35             | (17.83 - 25.35)                     |
| <b>Georgia</b>                                                          | 4.02                | (3.24 - 4.99)                         | 25.70               | (23.28 - 28.28)                       | 21.35             | (19.59 - 23.22)                     | 21.99             | (20.42 - 23.65)                     |
| Region 1                                                                | 4.40                | (3.17 - 6.06)                         | 26.85               | (22.48 - 31.72)                       | 19.53             | (16.85 - 22.54)                     | 20.51             | (18.00 - 23.26)                     |
| Region 2                                                                | 4.45                | (3.10 - 6.33)                         | 24.00               | (19.43 - 29.25)                       | 22.68             | (19.27 - 26.50)                     | 22.89             | (19.79 - 26.32)                     |
| Region 3                                                                | 2.84                | (2.03 - 3.97)                         | 23.38               | (19.80 - 27.38)                       | 18.75             | (16.15 - 21.65)                     | 19.41             | (17.06 - 22.00)                     |
| Region 4                                                                | 5.39                | (3.73 - 7.74)                         | 27.10               | (21.48 - 33.57)                       | 27.00             | (22.62 - 31.87)                     | 27.00             | (23.00 - 31.43)                     |
| Region 5                                                                | 4.98                | (3.48 - 7.06)                         | 28.38               | (23.29 - 34.08)                       | 26.75             | (22.59 - 31.37)                     | 27.01             | (23.27 - 31.11)                     |
| Region 6                                                                | 4.13                | (2.89 - 5.89)                         | 27.24               | (22.12 - 33.04)                       | 22.36             | (18.80 - 26.37)                     | 23.09             | (19.79 - 26.76)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 3.10                | (2.33 - 4.12)                         | 23.72               | (20.70 - 27.03)                       | 15.60             | (13.75 - 17.65)                     | 16.66             | (14.96 - 18.51)                     |
| Hawaii Island                   | 3.06                | (2.08 - 4.48)                         | *                   | (* - *)                               | 18.11             | (14.69 - 22.11)                     | 19.03             | (15.76 - 22.79)                     |
| Honolulu                        | 2.98                | (2.11 - 4.19)                         | 22.85               | (19.38 - 26.74)                       | 14.60             | (12.51 - 16.96)                     | 15.71             | (13.79 - 17.85)                     |
| Kauai                           | 3.82                | (2.53 - 5.74)                         | *                   | (* - *)                               | 17.56             | (13.90 - 21.94)                     | 18.76             | (15.17 - 22.97)                     |
| Maui                            | 3.58                | (2.40 - 5.30)                         | *                   | (* - *)                               | 17.95             | (14.46 - 22.06)                     | 18.89             | (15.53 - 22.77)                     |
| <b>Idaho</b>                    | 5.01                | (3.96 - 6.31)                         | 24.45               | (21.78 - 27.33)                       | 18.23             | (16.31 - 20.31)                     | 19.13             | (17.39 - 20.99)                     |
| Region 1                        | 7.07                | (4.82 - 10.25)                        | *                   | (* - *)                               | 19.23             | (15.48 - 23.63)                     | 20.40             | (16.84 - 24.49)                     |
| Region 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 18.30             | (14.42 - 22.94)                     | 19.18             | (15.54 - 23.44)                     |
| Region 3                        | 4.20                | (2.90 - 6.03)                         | 23.37               | (18.81 - 28.65)                       | 19.24             | (15.85 - 23.16)                     | 19.83             | (16.71 - 23.37)                     |
| Region 4                        | 5.33                | (3.73 - 7.56)                         | 27.49               | (22.99 - 32.50)                       | 17.23             | (14.52 - 20.32)                     | 18.58             | (16.03 - 21.43)                     |
| Region 5                        | 4.38                | (3.03 - 6.30)                         | 24.29               | (19.43 - 29.90)                       | 19.78             | (16.21 - 23.90)                     | 20.40             | (17.10 - 24.15)                     |
| Region 6                        | 4.68                | (3.18 - 6.85)                         | *                   | (* - *)                               | 19.34             | (15.41 - 23.98)                     | 19.96             | (16.26 - 24.25)                     |
| Region 7                        | 3.99                | (2.72 - 5.81)                         | 19.50               | (15.29 - 24.54)                       | 16.30             | (13.12 - 20.08)                     | 16.88             | (13.99 - 20.23)                     |
| <b>Illinois</b>                 | 4.06                | (3.41 - 4.82)                         | 28.05               | (26.00 - 30.20)                       | 20.53             | (19.10 - 22.03)                     | 21.60             | (20.30 - 22.95)                     |
| Region 1 (Cook)                 | 2.94                | (2.32 - 3.70)                         | 25.46               | (22.82 - 28.28)                       | 18.69             | (16.95 - 20.55)                     | 19.62             | (18.03 - 21.32)                     |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 18.73             | (15.02 - 23.11)                     | 19.67             | (16.08 - 23.83)                     |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 19.74             | (15.76 - 24.45)                     | 20.64             | (16.85 - 25.03)                     |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | *                   | (* - *)                               | 17.73             | (14.11 - 22.03)                     | 18.81             | (15.30 - 22.90)                     |
| Region 1.4 (West Side)          | *                   | (* - *)                               | 24.24               | (18.89 - 30.54)                       | 24.92             | (20.37 - 30.10)                     | 24.80             | (20.64 - 29.49)                     |
| Region 1.5 (South Side)         | 2.38                | (1.59 - 3.54)                         | *                   | (* - *)                               | 23.42             | (19.10 - 28.39)                     | 23.84             | (19.81 - 28.39)                     |
| Region 1.6 (Southwest Side)     | 3.04                | (2.05 - 4.50)                         | 25.36               | (19.98 - 31.61)                       | 23.22             | (18.75 - 28.37)                     | 23.56             | (19.45 - 28.23)                     |
| Region 1.7 (Suburban Cook)      | 2.78                | (2.01 - 3.85)                         | 25.24               | (21.31 - 29.62)                       | 15.80             | (13.54 - 18.36)                     | 17.02             | (14.92 - 19.35)                     |
| Region 2                        | 3.80                | (3.00 - 4.80)                         | 26.72               | (23.85 - 29.80)                       | 18.25             | (16.46 - 20.18)                     | 19.46             | (17.80 - 21.23)                     |
| Region 2a (DuPage)              | 3.20                | (2.22 - 4.59)                         | 23.84               | (18.93 - 29.56)                       | 12.68             | (10.28 - 15.54)                     | 14.17             | (11.85 - 16.87)                     |
| Region 2b                       | 3.79                | (2.74 - 5.21)                         | 25.45               | (21.54 - 29.80)                       | 18.05             | (15.63 - 20.75)                     | 19.12             | (16.89 - 21.57)                     |
| Region 2c (Winnebago)           | *                   | (* - *)                               | *                   | (* - *)                               | 24.26             | (19.88 - 29.25)                     | 25.05             | (20.90 - 29.70)                     |
| Region 2d                       | 4.63                | (3.28 - 6.51)                         | 32.97               | (27.21 - 39.30)                       | 24.29             | (20.30 - 28.78)                     | 25.60             | (21.89 - 29.69)                     |
| Region 3                        | 5.94                | (4.43 - 7.91)                         | 32.24               | (28.20 - 36.56)                       | 26.86             | (23.59 - 30.41)                     | 27.74             | (24.81 - 30.88)                     |
| Region 3a (Champaign)           | *                   | (* - *)                               | 25.54               | (20.16 - 31.79)                       | 19.94             | (15.90 - 24.70)                     | 21.47             | (17.72 - 25.76)                     |
| Region 3b                       | 6.12                | (4.48 - 8.32)                         | 34.45               | (29.56 - 39.70)                       | 27.85             | (24.22 - 31.79)                     | 28.81             | (25.48 - 32.37)                     |
| Region 4                        | 6.51                | (4.83 - 8.73)                         | 34.15               | (29.10 - 39.59)                       | 25.06             | (21.76 - 28.67)                     | 26.29             | (23.23 - 29.60)                     |
| Region 4a (Sangamon)            | *                   | (* - *)                               | *                   | (* - *)                               | 22.76             | (18.58 - 27.56)                     | 23.77             | (19.79 - 28.26)                     |
| Region 4b                       | 6.80                | (4.83 - 9.49)                         | 35.03               | (29.11 - 41.46)                       | 25.72             | (21.79 - 30.08)                     | 27.01             | (23.36 - 31.00)                     |
| Region 5                        | 6.05                | (4.56 - 7.98)                         | 33.45               | (28.98 - 38.24)                       | 25.23             | (22.15 - 28.57)                     | 26.35             | (23.49 - 29.43)                     |
| Region 5a                       | 4.69                | (3.23 - 6.76)                         | *                   | (* - *)                               | 21.79             | (17.79 - 26.40)                     | 22.83             | (19.04 - 27.13)                     |
| Region 5b                       | 7.25                | (5.13 - 10.16)                        | 36.57               | (30.66 - 42.91)                       | 27.97             | (23.86 - 32.48)                     | 29.15             | (25.34 - 33.28)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 6.08                | (4.94 - 7.46)                         | 32.23               | (29.10 - 35.54)                       | 25.39             | (23.13 - 27.79)                     | 26.41             | (24.36 - 28.57)                     |
| Central                                     | 4.63                | (3.26 - 6.54)                         | 26.95               | (22.40 - 32.05)                       | 19.38             | (16.49 - 22.63)                     | 20.43             | (17.78 - 23.37)                     |
| East                                        | 7.72                | (5.34 - 11.06)                        | *                   | (* - *)                               | 29.39             | (24.29 - 35.05)                     | 30.14             | (25.48 - 35.24)                     |
| North Central                               | 5.80                | (4.06 - 8.23)                         | 34.86               | (28.64 - 41.63)                       | 28.01             | (23.79 - 32.66)                     | 29.00             | (25.07 - 33.28)                     |
| Northeast                                   | 6.34                | (4.46 - 8.93)                         | *                   | (* - *)                               | 24.20             | (19.75 - 29.29)                     | 25.15             | (21.01 - 29.80)                     |
| Northwest                                   | 4.54                | (3.14 - 6.51)                         | *                   | (* - *)                               | 26.65             | (22.04 - 31.83)                     | 27.37             | (23.10 - 32.10)                     |
| Southeast                                   | 8.44                | (5.97 - 11.81)                        | *                   | (* - *)                               | 27.90             | (23.42 - 32.87)                     | 29.13             | (24.92 - 33.73)                     |
| Southwest                                   | *                   | (* - *)                               | *                   | (* - *)                               | 27.11             | (22.38 - 32.43)                     | 28.11             | (23.69 - 32.99)                     |
| West                                        | 7.48                | (5.19 - 10.67)                        | *                   | (* - *)                               | 29.73             | (24.65 - 35.35)                     | 30.66             | (26.09 - 35.65)                     |
| <b>Iowa</b>                                 | 5.04                | (4.05 - 6.27)                         | 29.80               | (26.85 - 32.92)                       | 22.25             | (20.13 - 24.53)                     | 23.39             | (21.47 - 25.44)                     |
| Central                                     | 4.51                | (3.17 - 6.38)                         | 28.78               | (23.36 - 34.89)                       | 20.76             | (17.21 - 24.82)                     | 21.90             | (18.56 - 25.66)                     |
| North Central                               | 4.75                | (3.24 - 6.91)                         | 24.33               | (19.14 - 30.39)                       | 20.91             | (16.89 - 25.59)                     | 21.54             | (17.87 - 25.74)                     |
| Northeast                                   | 5.49                | (3.95 - 7.57)                         | 29.94               | (25.23 - 35.11)                       | 21.86             | (18.46 - 25.68)                     | 23.08             | (19.98 - 26.51)                     |
| Northwest                                   | 5.08                | (3.55 - 7.23)                         | 30.77               | (25.07 - 37.11)                       | 23.24             | (19.19 - 27.84)                     | 24.28             | (20.52 - 28.48)                     |
| Southeast                                   | 5.07                | (3.59 - 7.12)                         | 31.55               | (26.23 - 37.41)                       | 23.29             | (19.68 - 27.33)                     | 24.61             | (21.30 - 28.25)                     |
| Southwest                                   | 5.19                | (3.48 - 7.65)                         | *                   | (* - *)                               | 23.61             | (19.32 - 28.53)                     | 24.98             | (20.88 - 29.57)                     |
| <b>Kansas</b>                               | 4.52                | (3.54 - 5.75)                         | 24.34               | (21.49 - 27.44)                       | 19.78             | (17.75 - 21.97)                     | 20.48             | (18.64 - 22.45)                     |
| Northeast                                   | 3.95                | (2.83 - 5.48)                         | 21.86               | (18.34 - 25.84)                       | 16.69             | (14.26 - 19.44)                     | 17.52             | (15.30 - 19.99)                     |
| Northwest and North Central                 | 5.78                | (3.95 - 8.39)                         | *                   | (* - *)                               | 22.47             | (17.90 - 27.81)                     | 23.39             | (19.04 - 28.38)                     |
| South Central                               | 4.87                | (3.46 - 6.82)                         | 26.18               | (21.59 - 31.36)                       | 22.07             | (18.95 - 25.53)                     | 22.66             | (19.83 - 25.77)                     |
| Southeast                                   | 6.71                | (4.55 - 9.79)                         | *                   | (* - *)                               | 25.57             | (20.70 - 31.13)                     | 26.10             | (21.57 - 31.20)                     |
| Southwest                                   | 3.55                | (2.40 - 5.23)                         | *                   | (* - *)                               | 23.47             | (18.78 - 28.92)                     | 23.92             | (19.55 - 28.92)                     |
| <b>Kentucky</b>                             | 6.93                | (5.64 - 8.47)                         | 37.12               | (33.77 - 40.59)                       | 30.54             | (28.01 - 33.20)                     | 31.48             | (29.16 - 33.89)                     |
| Adanta, Cumberland River,<br>and Lifeskills | 9.20                | (6.76 - 12.40)                        | *                   | (* - *)                               | 33.56             | (28.76 - 38.73)                     | 34.73             | (30.33 - 39.40)                     |
| Bluegrass, Comprehend, and<br>North Key     | 5.67                | (4.05 - 7.88)                         | 34.94               | (30.11 - 40.10)                       | 26.79             | (23.10 - 30.82)                     | 28.00             | (24.67 - 31.60)                     |
| Centerstone                                 | 5.48                | (3.93 - 7.58)                         | 34.41               | (28.82 - 40.47)                       | 27.20             | (23.41 - 31.35)                     | 28.16             | (24.64 - 31.98)                     |
| Communicare and River Valley                | 7.17                | (5.04 - 10.11)                        | *                   | (* - *)                               | 35.29             | (29.49 - 41.55)                     | 35.56             | (30.25 - 41.25)                     |
| Four Rivers and Pennyroyal                  | 7.57                | (5.25 - 10.80)                        | *                   | (* - *)                               | 32.45             | (27.33 - 38.02)                     | 32.94             | (28.23 - 38.02)                     |
| Kentucky River, Mountain,<br>and Pathways   | 9.24                | (6.55 - 12.89)                        | *                   | (* - *)                               | 36.12             | (30.85 - 41.73)                     | 36.98             | (32.09 - 42.14)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 5.78                | (4.66 - 7.15)                         | 31.94               | (28.79 - 35.26)                       | 27.41             | (25.09 - 29.85)                     | 28.07             | (25.98 - 30.26)                     |
| Regions 1 and 10      | 4.11                | (3.02 - 5.57)                         | 27.65               | (22.84 - 33.04)                       | 23.43             | (20.11 - 27.10)                     | 24.01             | (20.91 - 27.42)                     |
| Region 1              | 4.27                | (2.92 - 6.20)                         | *                   | (* - *)                               | 24.92             | (20.36 - 30.12)                     | 25.38             | (21.15 - 30.13)                     |
| Region 10 (Jefferson) | 3.94                | (2.66 - 5.79)                         | *                   | (* - *)                               | 21.85             | (17.90 - 26.38)                     | 22.51             | (18.76 - 26.76)                     |
| Regions 2 and 9       | 5.33                | (3.81 - 7.41)                         | 32.61               | (27.81 - 37.79)                       | 26.67             | (23.04 - 30.64)                     | 27.57             | (24.32 - 31.08)                     |
| Region 3              | 6.04                | (4.25 - 8.51)                         | *                   | (* - *)                               | 27.85             | (23.26 - 32.96)                     | 28.81             | (24.54 - 33.50)                     |
| Regions 4, 5, and 6   | 7.14                | (5.18 - 9.76)                         | 36.18               | (30.26 - 42.56)                       | 31.03             | (26.88 - 35.51)                     | 31.78             | (27.95 - 35.89)                     |
| Regions 7 and 8       | 5.88                | (4.17 - 8.23)                         | 28.56               | (23.49 - 34.23)                       | 27.55             | (23.64 - 31.85)                     | 27.70             | (24.14 - 31.58)                     |
| <b>Maine</b>          | 6.58                | (5.34 - 8.09)                         | 29.04               | (25.92 - 32.36)                       | 20.75             | (18.61 - 23.07)                     | 21.75             | (19.76 - 23.88)                     |
| Aroostook/Downeast    | 7.56                | (5.65 - 10.06)                        | 32.71               | (27.43 - 38.46)                       | 23.64             | (20.05 - 27.64)                     | 24.64             | (21.24 - 28.38)                     |
| Aroostook             | 7.02                | (4.95 - 9.89)                         | *                   | (* - *)                               | 27.16             | (22.39 - 32.52)                     | 27.80             | (23.28 - 32.82)                     |
| Downeast              | *                   | (* - *)                               | *                   | (* - *)                               | 20.83             | (16.47 - 26.00)                     | 22.11             | (17.89 - 26.99)                     |
| Central               | 6.91                | (4.89 - 9.68)                         | *                   | (* - *)                               | 23.36             | (19.16 - 28.17)                     | 24.31             | (20.35 - 28.75)                     |
| Cumberland            | 5.41                | (3.85 - 7.56)                         | 28.97               | (23.70 - 34.88)                       | 16.73             | (13.71 - 20.26)                     | 18.25             | (15.38 - 21.51)                     |
| Midcoast              | 7.29                | (5.12 - 10.28)                        | *                   | (* - *)                               | 18.44             | (14.94 - 22.55)                     | 19.69             | (16.30 - 23.60)                     |
| Penquis               | 6.82                | (4.79 - 9.63)                         | 24.73               | (19.57 - 30.73)                       | 22.82             | (18.52 - 27.77)                     | 23.10             | (19.16 - 27.56)                     |
| Western               | 6.58                | (4.67 - 9.20)                         | *                   | (* - *)                               | 23.74             | (19.77 - 28.22)                     | 24.69             | (20.95 - 28.85)                     |
| York                  | 6.58                | (4.58 - 9.37)                         | 25.44               | (20.44 - 31.20)                       | 19.02             | (15.41 - 23.26)                     | 19.76             | (16.35 - 23.68)                     |
| <b>Maryland</b>       | 3.61                | (2.86 - 4.54)                         | 24.48               | (21.58 - 27.63)                       | 19.03             | (17.08 - 21.13)                     | 19.77             | (17.98 - 21.70)                     |
| Anne Arundel          | 3.75                | (2.53 - 5.52)                         | *                   | (* - *)                               | 17.97             | (14.40 - 22.19)                     | 19.35             | (15.90 - 23.34)                     |
| Baltimore City        | 3.13                | (2.09 - 4.65)                         | 24.79               | (19.71 - 30.67)                       | 29.81             | (24.96 - 35.17)                     | 29.01             | (24.67 - 33.79)                     |
| Baltimore County      | 3.92                | (2.64 - 5.77)                         | 24.91               | (19.56 - 31.15)                       | 19.52             | (15.91 - 23.72)                     | 20.26             | (16.85 - 24.16)                     |
| Montgomery            | 2.89                | (1.94 - 4.28)                         | 19.31               | (14.85 - 24.73)                       | 11.95             | (9.50 - 14.93)                      | 12.81             | (10.45 - 15.61)                     |
| North Central         | 4.11                | (2.78 - 6.05)                         | *                   | (* - *)                               | 14.29             | (11.17 - 18.10)                     | 15.73             | (12.67 - 19.37)                     |
| Northeast             | 4.73                | (3.24 - 6.85)                         | *                   | (* - *)                               | 19.63             | (15.64 - 24.33)                     | 20.55             | (16.75 - 24.96)                     |
| Prince George's       | 2.15                | (1.42 - 3.25)                         | 21.31               | (16.73 - 26.74)                       | 18.71             | (15.26 - 22.72)                     | 19.11             | (15.93 - 22.75)                     |
| South                 | 4.22                | (2.87 - 6.16)                         | *                   | (* - *)                               | 21.05             | (17.05 - 25.69)                     | 21.83             | (18.07 - 26.13)                     |
| West                  | 5.05                | (3.53 - 7.18)                         | *                   | (* - *)                               | 23.06             | (18.87 - 27.87)                     | 23.82             | (19.85 - 28.31)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 3.22                | (2.48 - 4.17)                         | 24.97               | (22.10 - 28.07)                       | 17.21             | (15.32 - 19.28)                     | 18.36             | (16.61 - 20.24)                     |
| Boston                | 2.15                | (1.42 - 3.23)                         | 23.94               | (18.84 - 29.92)                       | 19.67             | (15.91 - 24.06)                     | 20.53             | (17.07 - 24.50)                     |
| Central               | 3.30                | (2.19 - 4.96)                         | 26.93               | (21.33 - 33.39)                       | 18.52             | (15.14 - 22.45)                     | 19.73             | (16.52 - 23.40)                     |
| Metrowest             | 3.31                | (2.28 - 4.80)                         | 22.52               | (17.85 - 27.98)                       | 13.63             | (11.06 - 16.68)                     | 14.84             | (12.39 - 17.67)                     |
| Northeast             | 2.71                | (1.83 - 3.98)                         | 23.15               | (18.40 - 28.70)                       | 15.85             | (13.00 - 19.17)                     | 16.82             | (14.13 - 19.91)                     |
| Southeast             | 4.29                | (2.90 - 6.32)                         | 28.50               | (22.89 - 34.87)                       | 19.15             | (15.67 - 23.19)                     | 20.36             | (17.07 - 24.10)                     |
| Western               | 2.94                | (1.97 - 4.36)                         | 26.31               | (20.82 - 32.66)                       | 19.45             | (15.73 - 23.79)                     | 20.59             | (17.09 - 24.60)                     |
| <b>Michigan</b>       | 4.79                | (4.06 - 5.65)                         | 27.88               | (25.90 - 29.95)                       | 23.60             | (22.13 - 25.14)                     | 24.23             | (22.94 - 25.57)                     |
| Region 1              | 7.00                | (4.91 - 9.89)                         | 31.14               | (25.26 - 37.70)                       | 27.02             | (22.47 - 32.11)                     | 27.61             | (23.42 - 32.24)                     |
| Region 2              | 7.07                | (4.93 - 10.05)                        | *                   | (* - *)                               | 23.18             | (19.17 - 27.73)                     | 24.33             | (20.51 - 28.62)                     |
| Region 3              | 3.69                | (2.66 - 5.09)                         | 24.60               | (20.52 - 29.21)                       | 22.84             | (19.92 - 26.05)                     | 23.11             | (20.46 - 25.99)                     |
| Region 4              | 5.94                | (4.25 - 8.25)                         | 28.11               | (23.57 - 33.14)                       | 27.68             | (24.15 - 31.51)                     | 27.74             | (24.58 - 31.14)                     |
| Region 5              | 5.08                | (3.84 - 6.70)                         | 30.15               | (26.18 - 34.44)                       | 25.78             | (22.81 - 29.00)                     | 26.51             | (23.87 - 29.33)                     |
| Region 6              | 4.57                | (3.26 - 6.37)                         | 25.24               | (20.52 - 30.64)                       | 20.07             | (16.90 - 23.66)                     | 20.92             | (18.01 - 24.16)                     |
| Region 7              | 3.86                | (2.82 - 5.27)                         | 25.98               | (22.18 - 30.17)                       | 24.24             | (21.22 - 27.53)                     | 24.49             | (21.83 - 27.37)                     |
| Region 8              | 4.25                | (3.09 - 5.83)                         | 25.35               | (20.94 - 30.34)                       | 17.07             | (14.58 - 19.88)                     | 18.10             | (15.78 - 20.67)                     |
| Region 9              | 5.43                | (3.94 - 7.44)                         | 30.31               | (25.38 - 35.75)                       | 24.68             | (21.03 - 28.73)                     | 25.40             | (22.04 - 29.08)                     |
| Region 10             | 5.34                | (3.89 - 7.29)                         | 32.31               | (26.85 - 38.29)                       | 26.70             | (22.85 - 30.93)                     | 27.46             | (23.92 - 31.31)                     |
| <b>Minnesota</b>      | 4.42                | (3.53 - 5.53)                         | 26.47               | (23.60 - 29.54)                       | 20.03             | (18.07 - 22.16)                     | 20.92             | (19.11 - 22.87)                     |
| Regions 1 and 2       | 5.95                | (4.32 - 8.14)                         | 29.37               | (24.14 - 35.20)                       | 22.82             | (19.16 - 26.95)                     | 23.70             | (20.24 - 27.54)                     |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | 22.77             | (18.16 - 28.16)                     | 23.82             | (19.43 - 28.84)                     |
| Region 2              | 6.03                | (4.05 - 8.90)                         | *                   | (* - *)                               | 22.86             | (18.32 - 28.13)                     | 23.62             | (19.30 - 28.57)                     |
| Regions 3 and 4       | 6.00                | (4.43 - 8.07)                         | 29.02               | (24.19 - 34.37)                       | 23.50             | (20.15 - 27.21)                     | 24.28             | (21.14 - 27.74)                     |
| Region 3              | 6.30                | (4.25 - 9.24)                         | *                   | (* - *)                               | 23.30             | (18.47 - 28.94)                     | 24.20             | (19.56 - 29.54)                     |
| Region 4              | 5.86                | (4.08 - 8.35)                         | 28.56               | (22.96 - 34.89)                       | 23.61             | (19.67 - 28.06)                     | 24.33             | (20.66 - 28.42)                     |
| Regions 5 and 6       | 4.26                | (3.12 - 5.81)                         | 26.12               | (21.86 - 30.89)                       | 21.34             | (18.09 - 24.99)                     | 22.03             | (19.01 - 25.39)                     |
| Region 5              | 4.02                | (2.74 - 5.87)                         | 25.11               | (19.94 - 31.11)                       | 21.77             | (17.55 - 26.67)                     | 22.26             | (18.37 - 26.70)                     |
| Region 6              | 4.51                | (3.03 - 6.64)                         | *                   | (* - *)                               | 20.89             | (16.83 - 25.63)                     | 21.81             | (17.92 - 26.26)                     |
| Region 7              | 3.73                | (2.86 - 4.86)                         | 25.23               | (21.87 - 28.92)                       | 18.01             | (15.85 - 20.39)                     | 18.99             | (16.99 - 21.16)                     |
| Region 7A (Hennepin)  | 3.39                | (2.34 - 4.87)                         | 25.34               | (20.71 - 30.60)                       | 17.14             | (14.30 - 20.41)                     | 18.22             | (15.56 - 21.22)                     |
| Region 7B (Ramsey)    | 3.71                | (2.55 - 5.37)                         | 24.69               | (19.35 - 30.94)                       | 20.68             | (16.83 - 25.15)                     | 21.31             | (17.74 - 25.38)                     |
| Region 7C             | 4.02                | (2.83 - 5.68)                         | 25.41               | (20.59 - 30.91)                       | 17.74             | (14.80 - 21.14)                     | 18.74             | (15.96 - 21.87)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 5.96                | (4.82 - 7.34)                         | 29.91               | (26.81 - 33.20)                       | 26.62             | (24.33 - 29.05)                     | 27.12             | (25.06 - 29.29)                     |
| Region 1                               | 6.97                | (5.09 - 9.47)                         | 31.88               | (26.51 - 37.78)                       | 28.37             | (24.45 - 32.65)                     | 28.90             | (25.33 - 32.76)                     |
| Region 2                               | 4.86                | (3.37 - 6.97)                         | 27.53               | (21.90 - 33.99)                       | 27.59             | (23.10 - 32.59)                     | 27.58             | (23.45 - 32.12)                     |
| Region 3                               | 6.59                | (4.59 - 9.37)                         | 29.40               | (23.82 - 35.68)                       | 28.49             | (23.94 - 33.54)                     | 28.64             | (24.52 - 33.14)                     |
| Region 4                               | 4.71                | (3.27 - 6.73)                         | 29.16               | (23.94 - 35.01)                       | 22.12             | (18.56 - 26.16)                     | 23.18             | (19.88 - 26.84)                     |
| Region 5                               | 6.11                | (4.13 - 8.95)                         | *                   | (* - *)                               | 29.60             | (23.99 - 35.89)                     | 29.78             | (24.52 - 35.63)                     |
| Region 6                               | 6.18                | (4.30 - 8.79)                         | 28.04               | (22.40 - 34.46)                       | 27.69             | (23.33 - 32.51)                     | 27.74             | (23.71 - 32.16)                     |
| Region 7                               | 6.09                | (4.27 - 8.61)                         | *                   | (* - *)                               | 25.24             | (21.02 - 29.98)                     | 26.10             | (22.20 - 30.41)                     |
| <b>Missouri</b>                        | 6.38                | (5.16 - 7.87)                         | 32.36               | (29.11 - 35.80)                       | 24.29             | (22.15 - 26.55)                     | 25.44             | (23.49 - 27.49)                     |
| Central                                | 6.59                | (4.55 - 9.48)                         | 31.18               | (25.58 - 37.38)                       | 24.19             | (19.99 - 28.95)                     | 25.40             | (21.57 - 29.66)                     |
| Eastern                                | 5.93                | (4.48 - 7.82)                         | 30.34               | (25.85 - 35.24)                       | 23.59             | (20.71 - 26.75)                     | 24.51             | (21.85 - 27.39)                     |
| Eastern (St. Louis City and<br>County) | 5.28                | (3.68 - 7.53)                         | 29.09               | (23.66 - 35.18)                       | 23.99             | (20.39 - 28.01)                     | 24.70             | (21.37 - 28.36)                     |
| Eastern (excluding St. Louis)          | 6.87                | (4.90 - 9.55)                         | *                   | (* - *)                               | 22.91             | (19.15 - 27.15)                     | 24.19             | (20.62 - 28.16)                     |
| Northwest                              | 5.13                | (3.85 - 6.82)                         | 33.02               | (28.16 - 38.28)                       | 24.07             | (21.02 - 27.40)                     | 25.31             | (22.48 - 28.38)                     |
| Northwest (Jackson)                    | 4.17                | (2.89 - 5.97)                         | *                   | (* - *)                               | 24.45             | (20.38 - 29.03)                     | 25.31             | (21.47 - 29.57)                     |
| Northwest (excluding Jackson)          | 5.90                | (4.13 - 8.36)                         | *                   | (* - *)                               | 23.74             | (19.77 - 28.22)                     | 25.32             | (21.63 - 29.41)                     |
| Southeast                              | 9.03                | (6.37 - 12.66)                        | 35.67               | (29.50 - 42.36)                       | 27.41             | (22.79 - 32.57)                     | 28.53             | (24.27 - 33.22)                     |
| Southwest                              | 7.21                | (5.07 - 10.15)                        | 34.59               | (28.53 - 41.19)                       | 23.86             | (19.88 - 28.36)                     | 25.37             | (21.63 - 29.52)                     |
| <b>Montana</b>                         | 7.22                | (5.91 - 8.80)                         | 28.39               | (25.50 - 31.47)                       | 21.07             | (18.87 - 23.46)                     | 22.11             | (20.10 - 24.25)                     |
| Region 1                               | 7.90                | (5.56 - 11.10)                        | *                   | (* - *)                               | 25.58             | (20.64 - 31.25)                     | 26.42             | (21.74 - 31.69)                     |
| Region 2                               | 7.08                | (5.04 - 9.85)                         | 27.93               | (22.48 - 34.12)                       | 22.94             | (18.78 - 27.70)                     | 23.67             | (19.84 - 27.98)                     |
| Region 3                               | 6.77                | (4.92 - 9.25)                         | 29.59               | (24.32 - 35.47)                       | 20.94             | (17.67 - 24.63)                     | 22.06             | (18.99 - 25.47)                     |
| Region 4                               | 6.94                | (5.04 - 9.48)                         | 26.96               | (22.62 - 31.79)                       | 20.00             | (16.75 - 23.71)                     | 21.05             | (18.09 - 24.33)                     |
| Region 5                               | 7.68                | (5.65 - 10.36)                        | 28.34               | (23.86 - 33.31)                       | 20.07             | (16.90 - 23.67)                     | 21.24             | (18.32 - 24.50)                     |
| <b>Nebraska</b>                        | 4.70                | (3.71 - 5.93)                         | 28.37               | (25.30 - 31.66)                       | 23.36             | (21.16 - 25.72)                     | 24.12             | (22.12 - 26.23)                     |
| Regions 1 and 2                        | 5.09                | (3.69 - 6.98)                         | 34.09               | (28.00 - 40.75)                       | 25.41             | (21.43 - 29.85)                     | 26.58             | (22.78 - 30.77)                     |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | 25.87             | (20.83 - 31.64)                     | 26.98             | (22.16 - 32.42)                     |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | 25.01             | (20.16 - 30.58)                     | 26.23             | (21.58 - 31.49)                     |
| Region 3                               | 4.95                | (3.43 - 7.11)                         | *                   | (* - *)                               | 23.15             | (19.07 - 27.80)                     | 24.07             | (20.27 - 28.33)                     |
| Region 4                               | 4.60                | (3.16 - 6.64)                         | *                   | (* - *)                               | 23.42             | (19.07 - 28.41)                     | 23.88             | (19.82 - 28.47)                     |
| Region 5                               | 5.35                | (3.77 - 7.52)                         | 29.00               | (23.87 - 34.74)                       | 23.40             | (19.80 - 27.44)                     | 24.34             | (21.02 - 28.00)                     |
| Region 6                               | 4.24                | (3.02 - 5.92)                         | 26.83               | (22.69 - 31.40)                       | 22.87             | (19.75 - 26.32)                     | 23.46             | (20.66 - 26.52)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 3.88                | (2.96 - 5.06)                         | 24.66               | (21.68 - 27.89)                       | 21.70             | (19.42 - 24.17)                     | 22.10             | (20.01 - 24.34)                     |
| Clark – Region 1        | 3.49                | (2.55 - 4.77)                         | 23.82               | (20.43 - 27.58)                       | 21.29             | (18.70 - 24.13)                     | 21.63             | (19.28 - 24.18)                     |
| Region 3                | 5.47                | (3.89 - 7.64)                         | 29.76               | (24.21 - 35.99)                       | 24.21             | (20.21 - 28.73)                     | 24.87             | (21.06 - 29.12)                     |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | 22.40             | (17.56 - 28.14)                     | 23.11             | (18.45 - 28.53)                     |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | 25.89             | (20.91 - 31.58)                     | 26.48             | (21.77 - 31.80)                     |
| Washoe – Region 2       | 4.46                | (3.06 - 6.48)                         | 25.01               | (19.81 - 31.06)                       | 21.61             | (17.91 - 25.84)                     | 22.08             | (18.61 - 25.98)                     |
| <b>New Hampshire</b>    | 5.70                | (4.58 - 7.08)                         | 28.70               | (25.56 - 32.07)                       | 19.24             | (17.24 - 21.41)                     | 20.53             | (18.67 - 22.51)                     |
| Central                 | 6.52                | (4.88 - 8.66)                         | 28.84               | (24.71 - 33.36)                       | 21.73             | (18.83 - 24.94)                     | 22.75             | (20.06 - 25.69)                     |
| Central 1               | 6.87                | (4.80 - 9.73)                         | 26.56               | (21.25 - 32.64)                       | 21.76             | (17.87 - 26.22)                     | 22.52             | (18.92 - 26.59)                     |
| Central 2               | 6.21                | (4.32 - 8.84)                         | 31.67               | (26.41 - 37.44)                       | 21.70             | (18.09 - 25.81)                     | 22.98             | (19.62 - 26.73)                     |
| Northern                | 7.09                | (4.95 - 10.05)                        | *                   | (* - *)                               | 20.37             | (16.58 - 24.78)                     | 21.67             | (18.11 - 25.72)                     |
| Southern                | 5.09                | (3.92 - 6.59)                         | 28.41               | (24.53 - 32.63)                       | 17.79             | (15.49 - 20.35)                     | 19.18             | (17.04 - 21.52)                     |
| Southern 1 (Rockingham) | 5.01                | (3.48 - 7.15)                         | *                   | (* - *)                               | 15.96             | (13.13 - 19.25)                     | 17.42             | (14.70 - 20.53)                     |
| Southern 2              | 5.15                | (3.78 - 6.98)                         | 28.49               | (23.90 - 33.58)                       | 18.96             | (16.08 - 22.22)                     | 20.28             | (17.62 - 23.22)                     |
| <b>New Jersey</b>       | 3.12                | (2.47 - 3.92)                         | 24.93               | (22.42 - 27.61)                       | 17.16             | (15.50 - 18.95)                     | 18.18             | (16.66 - 19.80)                     |
| Central                 | 3.46                | (2.44 - 4.87)                         | 28.14               | (23.55 - 33.24)                       | 17.45             | (14.73 - 20.55)                     | 18.80             | (16.25 - 21.64)                     |
| Metropolitan            | 2.52                | (1.75 - 3.60)                         | 23.12               | (19.09 - 27.71)                       | 16.24             | (13.56 - 19.33)                     | 17.20             | (14.72 - 20.01)                     |
| Northern                | 3.14                | (2.25 - 4.37)                         | 22.85               | (19.16 - 27.01)                       | 15.48             | (13.15 - 18.14)                     | 16.41             | (14.27 - 18.80)                     |
| Southern                | 3.40                | (2.43 - 4.73)                         | 26.81               | (22.36 - 31.78)                       | 20.54             | (17.50 - 23.94)                     | 21.38             | (18.57 - 24.48)                     |
| <b>New Mexico</b>       | 3.57                | (2.74 - 4.64)                         | 30.21               | (27.00 - 33.62)                       | 21.35             | (19.23 - 23.63)                     | 22.63             | (20.67 - 24.71)                     |
| Region 1                | 4.21                | (2.89 - 6.09)                         | 32.02               | (26.26 - 38.39)                       | 22.88             | (19.06 - 27.21)                     | 24.21             | (20.65 - 28.16)                     |
| Region 2                | 3.59                | (2.37 - 5.40)                         | *                   | (* - *)                               | 18.27             | (14.80 - 22.35)                     | 19.95             | (16.54 - 23.87)                     |
| Region 3 (Bernalillo)   | 3.27                | (2.24 - 4.75)                         | 27.73               | (23.31 - 32.63)                       | 20.71             | (17.68 - 24.11)                     | 21.70             | (18.94 - 24.75)                     |
| Region 4                | 3.49                | (2.33 - 5.18)                         | *                   | (* - *)                               | 24.94             | (20.71 - 29.70)                     | 26.26             | (22.31 - 30.63)                     |
| Region 5                | 3.32                | (2.37 - 4.63)                         | 29.04               | (24.39 - 34.17)                       | 20.95             | (17.88 - 24.41)                     | 22.24             | (19.36 - 25.42)                     |
| Region 5a               | 3.49                | (2.34 - 5.18)                         | *                   | (* - *)                               | 21.79             | (17.72 - 26.50)                     | 23.13             | (19.27 - 27.51)                     |
| Region 5b (Dona Ana)    | 3.18                | (2.11 - 4.77)                         | 27.19               | (21.64 - 33.56)                       | 20.13             | (16.36 - 24.52)                     | 21.42             | (17.90 - 25.42)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 3.34                | (2.80 - 3.99)                         | 23.00               | (21.28 - 24.82)                       | 19.88             | (18.60 - 21.23)                     | 20.33             | (19.20 - 21.52)                     |
| Region 1: Long Island                          | 2.96                | (2.13 - 4.09)                         | 21.10               | (17.58 - 25.11)                       | 15.22             | (12.90 - 17.87)                     | 16.03             | (13.86 - 18.46)                     |
| Region 2: New York City                        | 2.42                | (1.91 - 3.05)                         | 21.16               | (18.98 - 23.51)                       | 18.58             | (16.91 - 20.38)                     | 18.95             | (17.43 - 20.56)                     |
| Region 2A: Bronx                               | 1.90                | (1.29 - 2.78)                         | 19.09               | (15.24 - 23.65)                       | 19.27             | (16.08 - 22.92)                     | 19.23             | (16.35 - 22.47)                     |
| Region 2B: Kings                               | 2.50                | (1.73 - 3.59)                         | 21.72               | (17.90 - 26.10)                       | 19.81             | (17.00 - 22.94)                     | 20.08             | (17.52 - 22.91)                     |
| Region 2C: New York                            | 2.90                | (1.99 - 4.21)                         | 25.93               | (21.49 - 30.93)                       | 19.28             | (16.17 - 22.82)                     | 20.14             | (17.24 - 23.38)                     |
| Region 2D: Queens                              | 2.38                | (1.65 - 3.42)                         | 17.96               | (14.58 - 21.93)                       | 16.46             | (13.80 - 19.51)                     | 16.65             | (14.21 - 19.42)                     |
| Region 2E: Richmond                            | 2.80                | (1.90 - 4.11)                         | 23.18               | (18.00 - 29.32)                       | 18.21             | (14.61 - 22.46)                     | 18.90             | (15.49 - 22.85)                     |
| Region 3: Mid-Hudson                           | 3.16                | (2.25 - 4.41)                         | 23.00               | (18.83 - 27.77)                       | 18.15             | (15.45 - 21.21)                     | 18.85             | (16.35 - 21.64)                     |
| Region 4: Capital Region                       | 4.59                | (3.22 - 6.49)                         | 28.56               | (23.41 - 34.33)                       | 23.02             | (19.42 - 27.06)                     | 23.83             | (20.50 - 27.51)                     |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | 29.67             | (24.57 - 35.34)                     | 29.93             | (25.20 - 35.14)                     |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | 27.49             | (22.71 - 32.84)                     | 27.91             | (23.42 - 32.90)                     |
| Region 7: Tug Hill Seaway                      | 5.87                | (4.09 - 8.36)                         | *                   | (* - *)                               | 27.73             | (23.03 - 32.97)                     | 27.59             | (23.34 - 32.28)                     |
| Region 8: Central                              | 4.93                | (3.58 - 6.76)                         | 27.08               | (22.28 - 32.49)                       | 27.42             | (23.63 - 31.57)                     | 27.36             | (23.96 - 31.05)                     |
| Region 9: Southern Tier                        | 5.16                | (3.59 - 7.35)                         | 24.52               | (19.48 - 30.38)                       | 24.10             | (19.97 - 28.78)                     | 24.16             | (20.40 - 28.37)                     |
| Region 10: Finger Lakes                        | 4.25                | (3.01 - 5.98)                         | 23.36               | (19.02 - 28.36)                       | 21.13             | (17.99 - 24.65)                     | 21.46             | (18.61 - 24.62)                     |
| Region 11: Western                             | 4.43                | (3.23 - 6.05)                         | 24.99               | (20.87 - 29.61)                       | 24.88             | (21.85 - 28.18)                     | 24.89             | (22.13 - 27.87)                     |
| <b>North Carolina</b>                          | 4.26                | (3.51 - 5.17)                         | 27.98               | (25.57 - 30.52)                       | 22.23             | (20.46 - 24.11)                     | 23.04             | (21.43 - 24.72)                     |
| Alliance Behavioral<br>Healthcare 1            | 3.40                | (2.33 - 4.93)                         | 26.17               | (21.11 - 31.95)                       | 22.72             | (18.84 - 27.12)                     | 23.25             | (19.67 - 27.26)                     |
| Alliance Behavioral<br>Healthcare 2            | 3.47                | (2.43 - 4.94)                         | 22.59               | (17.73 - 28.31)                       | 15.50             | (12.59 - 18.95)                     | 16.49             | (13.70 - 19.72)                     |
| Cardinal Innovations<br>Healthcare Solutions 1 | 4.11                | (2.87 - 5.86)                         | *                   | (* - *)                               | 21.50             | (17.78 - 25.77)                     | 22.54             | (19.03 - 26.48)                     |
| Cardinal Innovations<br>Healthcare Solutions 2 | 4.08                | (2.79 - 5.92)                         | 28.37               | (22.68 - 34.85)                       | 22.68             | (18.65 - 27.30)                     | 23.52             | (19.79 - 27.71)                     |
| Cardinal Innovations<br>Healthcare Solutions 3 | 3.11                | (2.13 - 4.53)                         | 24.42               | (19.77 - 29.76)                       | 19.40             | (16.00 - 23.32)                     | 20.09             | (16.93 - 23.67)                     |
| CenterPoint Human Services                     | 4.11                | (2.84 - 5.90)                         | 28.00               | (22.49 - 34.27)                       | 23.51             | (19.35 - 28.24)                     | 24.11             | (20.22 - 28.49)                     |
| Eastpointe                                     | 4.34                | (3.03 - 6.19)                         | 28.12               | (23.00 - 33.88)                       | 27.18             | (22.95 - 31.88)                     | 27.32             | (23.43 - 31.58)                     |
| Partners Behavioral Health<br>Management       | 4.94                | (3.43 - 7.06)                         | 31.44               | (25.52 - 38.03)                       | 23.09             | (19.05 - 27.70)                     | 24.15             | (20.34 - 28.42)                     |
| Sandhills Center 1                             | *                   | (* - *)                               | *                   | (* - *)                               | 27.03             | (22.34 - 32.29)                     | 27.87             | (23.51 - 32.70)                     |
| Sandhills Center 2                             | 3.85                | (2.62 - 5.63)                         | 24.79               | (19.39 - 31.13)                       | 20.92             | (17.06 - 25.39)                     | 21.52             | (17.92 - 25.60)                     |
| Smoky Mountain Center 1                        | 6.29                | (4.38 - 8.95)                         | *                   | (* - *)                               | 23.47             | (19.28 - 28.25)                     | 24.52             | (20.59 - 28.93)                     |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | *                   | (* - *)                               | 21.00             | (17.22 - 25.36)                     | 22.20             | (18.56 - 26.32)                     |
| Trillium Health Resources 1                    | 4.63                | (3.17 - 6.71)                         | 29.74               | (24.18 - 35.98)                       | 23.66             | (19.57 - 28.32)                     | 24.62             | (20.86 - 28.81)                     |
| Trillium Health Resources 2                    | *                   | (* - *)                               | *                   | (* - *)                               | 23.14             | (18.76 - 28.18)                     | 23.96             | (19.91 - 28.54)                     |

See notes at end of table.

(continued)



**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 6.42                | (5.23 - 7.87)                         | 29.87               | (26.97 - 32.94)                       | 23.34             | (21.23 - 25.60)                     | 24.51             | (22.60 - 26.52)                     |
| Badlands and West Central     | 7.06                | (5.33 - 9.31)                         | 32.33               | (27.45 - 37.63)                       | 21.94             | (19.14 - 25.03)                     | 23.47             | (20.80 - 26.36)                     |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | 23.34             | (18.91 - 28.45)                     | 24.86             | (20.57 - 29.71)                     |
| West Central                  | 7.10                | (5.13 - 9.74)                         | 31.99               | (26.42 - 38.12)                       | 21.53             | (18.37 - 25.08)                     | 23.06             | (20.04 - 26.38)                     |
| Lake Region                   | 8.43                | (5.78 - 12.15)                        | *                   | (* - *)                               | 26.86             | (21.78 - 32.64)                     | 27.69             | (22.92 - 33.03)                     |
| North Central                 | 5.81                | (4.09 - 8.21)                         | *                   | (* - *)                               | 24.41             | (20.15 - 29.24)                     | 25.88             | (21.89 - 30.32)                     |
| Northeast                     | 5.93                | (4.14 - 8.42)                         | 26.47               | (21.70 - 31.85)                       | 25.63             | (21.40 - 30.38)                     | 25.79             | (22.21 - 29.74)                     |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | 24.69             | (19.77 - 30.37)                     | 25.69             | (20.98 - 31.04)                     |
| South Central                 | 6.01                | (4.06 - 8.83)                         | *                   | (* - *)                               | 22.72             | (18.38 - 27.74)                     | 24.57             | (20.33 - 29.37)                     |
| Southeast                     | 5.70                | (4.12 - 7.83)                         | 27.07               | (23.00 - 31.57)                       | 22.42             | (19.09 - 26.14)                     | 23.36             | (20.42 - 26.58)                     |
| <b>Ohio</b>                   | 5.48                | (4.65 - 6.44)                         | 31.66               | (29.57 - 33.82)                       | 25.34             | (23.80 - 26.95)                     | 26.22             | (24.83 - 27.66)                     |
| Boards 2, 46, 55, and 68      | 6.76                | (4.85 - 9.35)                         | *                   | (* - *)                               | 28.92             | (24.18 - 34.16)                     | 29.89             | (25.45 - 34.75)                     |
| Boards 3, 52, and 85          | 6.10                | (4.22 - 8.75)                         | *                   | (* - *)                               | 19.80             | (16.01 - 24.22)                     | 20.95             | (17.33 - 25.11)                     |
| Boards 4 and 78               | 8.25                | (5.73 - 11.76)                        | *                   | (* - *)                               | 29.90             | (25.06 - 35.23)                     | 31.20             | (26.65 - 36.15)                     |
| Boards 5 and 60               | 8.14                | (5.73 - 11.45)                        | 33.12               | (27.12 - 39.73)                       | 30.55             | (25.35 - 36.29)                     | 30.99             | (26.29 - 36.11)                     |
| Boards 7, 15, 41, 79, and 84  | 7.22                | (5.08 - 10.15)                        | *                   | (* - *)                               | 27.27             | (22.75 - 32.30)                     | 28.28             | (24.01 - 32.97)                     |
| Boards 8, 13, and 83          | 5.69                | (4.00 - 8.04)                         | *                   | (* - *)                               | 21.35             | (17.65 - 25.58)                     | 22.65             | (19.10 - 26.64)                     |
| Board 9 (Butler)              | 4.76                | (3.32 - 6.78)                         | *                   | (* - *)                               | 23.73             | (19.79 - 28.18)                     | 24.40             | (20.69 - 28.53)                     |
| Board 12                      | 5.17                | (3.58 - 7.41)                         | 28.64               | (22.92 - 35.14)                       | 23.58             | (19.32 - 28.45)                     | 24.36             | (20.43 - 28.78)                     |
| Boards 18 and 47              | 4.15                | (3.00 - 5.71)                         | 33.95               | (29.18 - 39.07)                       | 25.00             | (21.81 - 28.48)                     | 26.20             | (23.30 - 29.31)                     |
| Boards 20, 32, 54, and 69     | 5.43                | (3.79 - 7.72)                         | *                   | (* - *)                               | 30.67             | (26.14 - 35.60)                     | 31.56             | (27.31 - 36.14)                     |
| Boards 21, 39, 51, 70, and 80 | 5.86                | (4.21 - 8.11)                         | 31.86               | (26.00 - 38.35)                       | 25.02             | (20.87 - 29.68)                     | 25.90             | (22.01 - 30.20)                     |
| Boards 22, 74, and 87         | 5.76                | (4.05 - 8.13)                         | *                   | (* - *)                               | 30.05             | (25.31 - 35.26)                     | 30.32             | (25.97 - 35.05)                     |
| Boards 23 and 45              | 6.00                | (4.27 - 8.38)                         | 29.37               | (23.84 - 35.59)                       | 25.82             | (21.75 - 30.37)                     | 26.33             | (22.59 - 30.44)                     |
| Board 25 (Franklin)           | 4.30                | (3.08 - 5.98)                         | 30.51               | (25.98 - 35.45)                       | 22.57             | (19.25 - 26.28)                     | 23.78             | (20.74 - 27.11)                     |
| Boards 27, 71, and 73         | 7.22                | (5.15 - 10.03)                        | *                   | (* - *)                               | 31.31             | (26.30 - 36.79)                     | 31.87             | (27.22 - 36.92)                     |
| Boards 28, 43, and 67         | 5.65                | (3.96 - 8.01)                         | 28.71               | (23.26 - 34.86)                       | 22.17             | (18.45 - 26.40)                     | 23.10             | (19.64 - 26.97)                     |
| Board 31 (Hamilton)           | 4.91                | (3.50 - 6.83)                         | 29.20               | (23.97 - 35.04)                       | 24.59             | (20.88 - 28.72)                     | 25.26             | (21.84 - 29.00)                     |
| Board 48 (Lucas)              | 4.53                | (3.22 - 6.35)                         | 30.65               | (24.82 - 37.18)                       | 28.46             | (23.87 - 33.55)                     | 28.79             | (24.58 - 33.39)                     |
| Boards 50 and 76              | 5.12                | (3.63 - 7.18)                         | 33.05               | (27.11 - 39.58)                       | 25.63             | (21.76 - 29.94)                     | 26.59             | (22.97 - 30.56)                     |
| Board 57 (Montgomery)         | 5.24                | (3.75 - 7.28)                         | 28.74               | (23.37 - 34.80)                       | 24.89             | (20.71 - 29.61)                     | 25.43             | (21.53 - 29.76)                     |
| Board 77 (Summit)             | 5.23                | (3.64 - 7.48)                         | 25.96               | (20.94 - 31.70)                       | 20.72             | (17.11 - 24.87)                     | 21.42             | (18.03 - 25.24)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 6.16                | (5.00 - 7.58)                         | 31.40               | (28.19 - 34.81)                       | 26.48             | (24.12 - 28.97)                     | 27.21             | (25.07 - 29.47)                     |
| Central                               | 6.37                | (4.44 - 9.05)                         | 29.97               | (24.32 - 36.32)                       | 25.62             | (21.42 - 30.33)                     | 26.31             | (22.43 - 30.60)                     |
| East Central                          | 7.74                | (5.42 - 10.94)                        | *                   | (* - *)                               | 29.11             | (24.39 - 34.33)                     | 29.48             | (25.12 - 34.25)                     |
| Northeast                             | 7.85                | (5.52 - 11.04)                        | 28.66               | (23.13 - 34.90)                       | 25.86             | (21.69 - 30.52)                     | 26.31             | (22.50 - 30.52)                     |
| Northwest and Southwest               | 6.01                | (4.17 - 8.60)                         | 37.50               | (31.26 - 44.18)                       | 31.91             | (27.10 - 37.14)                     | 32.77             | (28.39 - 37.47)                     |
| Oklahoma County                       | 4.09                | (2.81 - 5.91)                         | 29.13               | (23.71 - 35.23)                       | 22.72             | (18.85 - 27.13)                     | 23.65             | (20.06 - 27.66)                     |
| Southeast                             | 8.29                | (5.86 - 11.59)                        | *                   | (* - *)                               | 28.72             | (24.18 - 33.74)                     | 29.73             | (25.46 - 34.38)                     |
| Tulsa County                          | 4.50                | (3.16 - 6.38)                         | 28.17               | (22.60 - 34.50)                       | 23.62             | (19.70 - 28.04)                     | 24.27             | (20.64 - 28.31)                     |
| <b>Oregon</b>                         | 5.07                | (4.02 - 6.38)                         | 26.95               | (24.03 - 30.08)                       | 18.17             | (16.27 - 20.25)                     | 19.34             | (17.59 - 21.22)                     |
| Region 1 (Multnomah)                  | 4.36                | (3.02 - 6.26)                         | 25.74               | (20.62 - 31.63)                       | 18.43             | (15.27 - 22.07)                     | 19.35             | (16.36 - 22.74)                     |
| Region 2                              | 4.22                | (2.98 - 5.95)                         | 25.59               | (21.00 - 30.80)                       | 14.25             | (11.70 - 17.24)                     | 15.70             | (13.27 - 18.48)                     |
| Region 3                              | 5.48                | (3.89 - 7.67)                         | 26.47               | (22.06 - 31.41)                       | 20.25             | (17.14 - 23.76)                     | 21.19             | (18.35 - 24.35)                     |
| Region 4                              | 6.30                | (4.38 - 8.97)                         | 30.88               | (25.22 - 37.18)                       | 19.06             | (15.66 - 23.00)                     | 20.44             | (17.21 - 24.10)                     |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | 16.11             | (12.44 - 20.62)                     | 17.55             | (13.93 - 21.88)                     |
| Region 6 (Eastern)                    | 5.41                | (3.72 - 7.82)                         | *                   | (* - *)                               | 21.87             | (17.59 - 26.86)                     | 22.88             | (18.82 - 27.52)                     |
| <b>Pennsylvania</b>                   | 4.37                | (3.68 - 5.17)                         | 29.22               | (27.17 - 31.36)                       | 22.67             | (21.21 - 24.20)                     | 23.57             | (22.26 - 24.92)                     |
| Region 1 (Allegheny)                  | 4.73                | (3.37 - 6.60)                         | 27.54               | (22.73 - 32.94)                       | 21.76             | (18.64 - 25.24)                     | 22.49             | (19.55 - 25.73)                     |
| Regions 3, 8, 9, and 51               | 6.22                | (4.41 - 8.70)                         | 32.34               | (26.80 - 38.43)                       | 22.69             | (18.99 - 26.87)                     | 24.00             | (20.55 - 27.83)                     |
| Regions 4, 11, 37, and 49             | 3.83                | (2.68 - 5.44)                         | 28.18               | (22.95 - 34.07)                       | 24.73             | (20.98 - 28.90)                     | 25.19             | (21.74 - 28.99)                     |
| Regions 5, 18, 23, 24, and 46         | 5.19                | (3.67 - 7.28)                         | 28.18               | (23.17 - 33.80)                       | 20.81             | (17.33 - 24.77)                     | 21.76             | (18.51 - 25.39)                     |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 6.33                | (4.44 - 8.93)                         | 27.82               | (22.79 - 33.46)                       | 25.23             | (21.25 - 29.67)                     | 25.69             | (22.13 - 29.60)                     |
| Regions 7, 13, 20, and 33             | 3.63                | (2.68 - 4.91)                         | 27.43               | (23.44 - 31.81)                       | 15.71             | (13.43 - 18.30)                     | 17.23             | (15.11 - 19.58)                     |
| Regions 10, 15, 27, 32, 43, and 44    | 6.20                | (4.37 - 8.74)                         | *                   | (* - *)                               | 27.48             | (23.05 - 32.41)                     | 28.23             | (24.05 - 32.83)                     |
| Regions 17 and 21                     | 5.73                | (4.01 - 8.13)                         | *                   | (* - *)                               | 26.80             | (22.43 - 31.67)                     | 27.20             | (23.13 - 31.68)                     |
| Regions 19, 26, 28, and 42            | 4.08                | (2.93 - 5.67)                         | 31.81               | (26.98 - 37.07)                       | 23.95             | (20.78 - 27.43)                     | 24.97             | (22.03 - 28.17)                     |
| Regions 22, 38, 40, 41, and 48        | 5.64                | (4.00 - 7.89)                         | 34.19               | (28.27 - 40.64)                       | 24.50             | (20.75 - 28.68)                     | 25.60             | (22.07 - 29.48)                     |
| Regions 29 and 34                     | 3.21                | (2.17 - 4.71)                         | 28.29               | (22.62 - 34.76)                       | 22.73             | (18.63 - 27.44)                     | 23.49             | (19.63 - 27.86)                     |
| Regions 30 and 50                     | 4.76                | (3.38 - 6.66)                         | 33.91               | (27.84 - 40.56)                       | 26.99             | (22.79 - 31.64)                     | 27.86             | (23.90 - 32.20)                     |
| Region 36 (Philadelphia)              | 2.78                | (1.94 - 3.97)                         | 27.03               | (22.86 - 31.65)                       | 26.83             | (23.11 - 30.91)                     | 26.85             | (23.57 - 30.41)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 3.79                | (2.95 - 4.85)                         | 25.19               | (22.05 - 28.62)                       | 19.92             | (17.80 - 22.24)                     | 20.74             | (18.76 - 22.86)                     |
| Region 1: Southern Providence<br>County                   | 2.86                | (1.91 - 4.27)                         | *                   | (* - *)                               | 18.60             | (15.26 - 22.48)                     | 19.47             | (16.29 - 23.10)                     |
| Region 2: Northern Providence<br>County/Blackstone Valley | 3.20                | (2.17 - 4.70)                         | 26.09               | (20.99 - 31.93)                       | 23.36             | (19.42 - 27.83)                     | 23.72             | (20.08 - 27.79)                     |
| Region 3: Providence                                      | 2.86                | (1.86 - 4.38)                         | 21.67               | (16.80 - 27.48)                       | 22.62             | (18.31 - 27.59)                     | 22.32             | (18.56 - 26.59)                     |
| Region 4: Kent County                                     | 5.18                | (3.52 - 7.57)                         | *                   | (* - *)                               | 21.25             | (17.57 - 25.46)                     | 22.40             | (18.91 - 26.33)                     |
| Region 5: East Bay                                        | 4.27                | (2.94 - 6.16)                         | *                   | (* - *)                               | 19.65             | (15.91 - 24.02)                     | 20.90             | (17.32 - 24.99)                     |
| Region 6: Newport County                                  | 4.62                | (3.15 - 6.71)                         | *                   | (* - *)                               | 14.76             | (11.59 - 18.60)                     | 16.24             | (13.11 - 19.95)                     |
| Region 7: South County                                    | 4.87                | (3.32 - 7.09)                         | *                   | (* - *)                               | 14.40             | (11.39 - 18.04)                     | 15.96             | (12.99 - 19.45)                     |
| <b>South Carolina</b>                                     | 5.00                | (3.99 - 6.24)                         | 31.26               | (28.23 - 34.45)                       | 24.09             | (21.97 - 26.36)                     | 25.09             | (23.16 - 27.13)                     |
| Region 1                                                  | 5.73                | (4.14 - 7.87)                         | 30.82               | (26.05 - 36.03)                       | 26.40             | (22.64 - 30.54)                     | 27.02             | (23.62 - 30.72)                     |
| Region 2                                                  | 4.49                | (3.20 - 6.26)                         | 30.60               | (25.82 - 35.85)                       | 23.77             | (20.28 - 27.64)                     | 24.78             | (21.57 - 28.28)                     |
| Region 3                                                  | 5.22                | (3.70 - 7.30)                         | 31.06               | (25.32 - 37.45)                       | 23.93             | (20.28 - 28.01)                     | 24.85             | (21.43 - 28.62)                     |
| Region 4                                                  | 4.46                | (3.13 - 6.31)                         | 32.52               | (27.34 - 38.17)                       | 21.82             | (18.83 - 25.13)                     | 23.30             | (20.52 - 26.34)                     |
| <b>South Dakota</b>                                       | 7.22                | (5.85 - 8.89)                         | 32.23               | (28.95 - 35.69)                       | 22.98             | (20.88 - 25.23)                     | 24.35             | (22.42 - 26.40)                     |
| Region 1                                                  | 8.00                | (5.78 - 10.97)                        | 35.91               | (30.38 - 41.84)                       | 22.57             | (19.25 - 26.27)                     | 24.46             | (21.35 - 27.86)                     |
| Region 2                                                  | 7.48                | (5.23 - 10.60)                        | *                   | (* - *)                               | 24.71             | (20.29 - 29.73)                     | 26.16             | (21.97 - 30.84)                     |
| Region 3                                                  | 7.98                | (5.78 - 10.93)                        | 30.52               | (25.28 - 36.33)                       | 23.33             | (19.78 - 27.29)                     | 24.52             | (21.25 - 28.12)                     |
| Region 4                                                  | 8.30                | (5.80 - 11.74)                        | 33.86               | (27.73 - 40.58)                       | 25.87             | (21.53 - 30.74)                     | 27.15             | (23.14 - 31.56)                     |
| Region 5                                                  | 5.38                | (3.81 - 7.54)                         | 28.69               | (23.92 - 33.98)                       | 21.11             | (17.96 - 24.66)                     | 22.15             | (19.24 - 25.37)                     |
| <b>Tennessee</b>                                          | 5.25                | (4.23 - 6.51)                         | 29.87               | (26.82 - 33.10)                       | 24.64             | (22.47 - 26.95)                     | 25.38             | (23.39 - 27.46)                     |
| Region 1                                                  | 7.09                | (4.97 - 10.02)                        | 33.73               | (27.65 - 40.40)                       | 25.49             | (21.00 - 30.56)                     | 26.52             | (22.34 - 31.17)                     |
| Region 2                                                  | 5.88                | (4.16 - 8.25)                         | 30.83               | (25.34 - 36.93)                       | 25.14             | (21.31 - 29.41)                     | 25.89             | (22.33 - 29.81)                     |
| Region 3                                                  | 6.09                | (4.30 - 8.57)                         | 32.69               | (26.72 - 39.28)                       | 24.63             | (20.65 - 29.10)                     | 25.72             | (21.98 - 29.85)                     |
| Region 4 (Davidson)                                       | 3.53                | (2.36 - 5.25)                         | *                   | (* - *)                               | 23.23             | (18.80 - 28.34)                     | 24.09             | (19.95 - 28.79)                     |
| Region 5                                                  | 5.66                | (4.07 - 7.81)                         | 31.13               | (25.92 - 36.86)                       | 25.40             | (21.89 - 29.27)                     | 26.21             | (22.97 - 29.73)                     |
| Region 6                                                  | 5.93                | (4.10 - 8.51)                         | *                   | (* - *)                               | 28.58             | (23.78 - 33.90)                     | 29.07             | (24.66 - 33.91)                     |
| Region 7 (Shelby)                                         | 2.80                | (1.89 - 4.13)                         | 21.87               | (17.00 - 27.68)                       | 20.36             | (16.66 - 24.64)                     | 20.60             | (17.19 - 24.47)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 3.36                | (2.78 - 4.05)                         | 25.61               | (23.88 - 27.42)                       | 20.22             | (18.97 - 21.53)                     | 21.06             | (19.95 - 22.21)                     |
| Region 1                                                    | 4.22                | (2.90 - 6.12)                         | 27.09               | (21.54 - 33.47)                       | 24.16             | (20.24 - 28.57)                     | 24.66             | (21.03 - 28.69)                     |
| Region 2                                                    | 4.77                | (3.33 - 6.81)                         | *                   | (* - *)                               | 28.16             | (23.51 - 33.32)                     | 29.01             | (24.68 - 33.76)                     |
| Region 3                                                    | 3.30                | (2.54 - 4.26)                         | 23.34               | (20.69 - 26.23)                       | 18.05             | (16.31 - 19.94)                     | 18.83             | (17.23 - 20.54)                     |
| Region 3a                                                   | 3.03                | (2.19 - 4.19)                         | 22.42               | (19.23 - 25.98)                       | 17.04             | (14.92 - 19.40)                     | 17.83             | (15.88 - 19.96)                     |
| Region 3bc                                                  | 3.77                | (2.70 - 5.22)                         | 24.97               | (21.01 - 29.40)                       | 19.84             | (17.22 - 22.75)                     | 20.59             | (18.19 - 23.21)                     |
| Region 4                                                    | 5.18                | (3.66 - 7.27)                         | 33.41               | (27.65 - 39.71)                       | 26.46             | (22.71 - 30.57)                     | 27.42             | (23.90 - 31.23)                     |
| Region 5                                                    | 4.76                | (3.30 - 6.83)                         | *                   | (* - *)                               | 24.40             | (20.25 - 29.09)                     | 25.26             | (21.38 - 29.58)                     |
| Region 6                                                    | 2.96                | (2.22 - 3.95)                         | 23.35               | (20.33 - 26.67)                       | 18.50             | (16.48 - 20.71)                     | 19.23             | (17.39 - 21.22)                     |
| Region 6a                                                   | 2.89                | (2.11 - 3.94)                         | 22.89               | (19.68 - 26.46)                       | 18.14             | (16.00 - 20.50)                     | 18.86             | (16.91 - 20.98)                     |
| Region 6bc                                                  | 3.63                | (2.46 - 5.32)                         | 27.70               | (22.12 - 34.07)                       | 21.50             | (17.51 - 26.11)                     | 22.36             | (18.56 - 26.67)                     |
| Region 7                                                    | 3.54                | (2.66 - 4.69)                         | 26.42               | (22.89 - 30.29)                       | 21.35             | (18.92 - 23.99)                     | 22.21             | (19.99 - 24.60)                     |
| Region 7a                                                   | 3.45                | (2.41 - 4.91)                         | 25.30               | (20.92 - 30.24)                       | 18.55             | (15.72 - 21.75)                     | 19.58             | (16.96 - 22.50)                     |
| Region 7bcd                                                 | 3.69                | (2.58 - 5.24)                         | 27.92               | (22.94 - 33.52)                       | 26.58             | (22.74 - 30.80)                     | 26.83             | (23.37 - 30.59)                     |
| Region 8                                                    | 2.95                | (2.06 - 4.21)                         | 28.54               | (24.29 - 33.20)                       | 20.43             | (17.59 - 23.59)                     | 21.68             | (19.10 - 24.50)                     |
| Region 9                                                    | 3.77                | (2.58 - 5.46)                         | *                   | (* - *)                               | 24.75             | (20.24 - 29.88)                     | 25.44             | (21.21 - 30.18)                     |
| Region 10                                                   | 3.23                | (2.19 - 4.73)                         | 25.67               | (20.68 - 31.39)                       | 19.13             | (15.48 - 23.41)                     | 20.27             | (16.91 - 24.09)                     |
| Region 11                                                   | 3.08                | (2.27 - 4.17)                         | 24.89               | (21.17 - 29.02)                       | 21.31             | (18.56 - 24.35)                     | 21.91             | (19.44 - 24.61)                     |
| Region 11abd                                                | 3.13                | (2.17 - 4.51)                         | 26.29               | (21.41 - 31.84)                       | 22.54             | (18.87 - 26.70)                     | 23.16             | (19.83 - 26.87)                     |
| Region 11c (Hidalgo)                                        | 3.01                | (2.02 - 4.45)                         | 22.65               | (17.89 - 28.24)                       | 19.12             | (15.55 - 23.29)                     | 19.75             | (16.44 - 23.54)                     |
| <b>Utah</b>                                                 | 3.08                | (2.27 - 4.17)                         | 17.40               | (14.82 - 20.33)                       | 13.90             | (12.24 - 15.75)                     | 14.53             | (13.01 - 16.20)                     |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | 3.52                | (2.25 - 5.45)                         | 16.45               | (12.03 - 22.08)                       | 16.24             | (12.61 - 20.68)                     | 16.26             | (12.93 - 20.26)                     |
| Central, Four Corners, San<br>Juan, and Southwest           | 4.43                | (3.03 - 6.45)                         | 19.26               | (14.89 - 24.53)                       | 15.56             | (12.76 - 18.84)                     | 16.20             | (13.51 - 19.30)                     |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | 17.92             | (14.00 - 22.65)                     | 18.20             | (14.49 - 22.61)                     |
| Southwest                                                   | 4.35                | (2.81 - 6.67)                         | *                   | (* - *)                               | 14.09             | (10.92 - 17.99)                     | 14.97             | (11.90 - 18.65)                     |
| Davis County                                                | 2.85                | (1.81 - 4.44)                         | *                   | (* - *)                               | 12.00             | (9.30 - 15.35)                      | 12.69             | (10.10 - 15.83)                     |
| Salt Lake County                                            | 2.81                | (1.91 - 4.12)                         | 19.74               | (16.13 - 23.94)                       | 14.06             | (11.86 - 16.58)                     | 14.97             | (12.95 - 17.24)                     |
| Utah County                                                 | 2.68                | (1.73 - 4.11)                         | 13.89               | (10.56 - 18.05)                       | 10.80             | (8.46 - 13.69)                      | 11.54             | (9.39 - 14.09)                      |
| Weber, Morgan                                               | 2.92                | (1.89 - 4.49)                         | 18.97               | (14.36 - 24.64)                       | 15.96             | (12.70 - 19.86)                     | 16.45             | (13.42 - 20.01)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 6.26                | (5.02 - 7.78)                         | 34.83               | (31.17 - 38.67)                       | 21.44             | (19.29 - 23.76)                     | 23.43             | (21.42 - 25.57)                     |
| Champlain Valley                      | 5.59                | (4.06 - 7.66)                         | 36.24               | (31.19 - 41.62)                       | 20.12             | (17.25 - 23.34)                     | 22.92             | (20.24 - 25.83)                     |
| Rural Northeast                       | 7.54                | (5.41 - 10.42)                        | *                   | (* - *)                               | 24.53             | (20.62 - 28.90)                     | 25.96             | (22.29 - 30.00)                     |
| Rural Southeast                       | 5.82                | (4.15 - 8.10)                         | 31.32               | (25.39 - 37.94)                       | 18.37             | (15.36 - 21.83)                     | 19.91             | (17.02 - 23.16)                     |
| Rural Southwest                       | 6.61                | (4.64 - 9.33)                         | *                   | (* - *)                               | 24.24             | (20.26 - 28.73)                     | 25.62             | (21.84 - 29.81)                     |
| <b>Virginia</b>                       | 4.06                | (3.27 - 5.04)                         | 27.42               | (24.91 - 30.08)                       | 20.90             | (19.22 - 22.68)                     | 21.82             | (20.31 - 23.42)                     |
| Region 1                              | 4.68                | (3.33 - 6.54)                         | 27.82               | (22.98 - 33.24)                       | 20.48             | (17.34 - 24.03)                     | 21.63             | (18.70 - 24.88)                     |
| Region 2                              | 2.53                | (1.76 - 3.62)                         | 20.65               | (16.97 - 24.90)                       | 12.41             | (10.35 - 14.80)                     | 13.38             | (11.44 - 15.60)                     |
| Region 3                              | 6.76                | (4.87 - 9.31)                         | 34.45               | (29.50 - 39.75)                       | 29.37             | (25.58 - 33.46)                     | 30.11             | (26.69 - 33.77)                     |
| Region 4                              | 4.14                | (2.90 - 5.88)                         | 27.26               | (22.72 - 32.33)                       | 23.25             | (20.02 - 26.82)                     | 23.82             | (20.86 - 27.06)                     |
| Region 5                              | 3.85                | (2.74 - 5.39)                         | 28.68               | (24.10 - 33.73)                       | 24.12             | (21.01 - 27.54)                     | 24.83             | (22.00 - 27.89)                     |
| <b>Washington</b>                     | 3.90                | (3.06 - 4.97)                         | 23.16               | (20.42 - 26.13)                       | 17.33             | (15.46 - 19.38)                     | 18.14             | (16.41 - 20.00)                     |
| Region 1                              | 4.06                | (2.97 - 5.51)                         | 22.32               | (18.36 - 26.87)                       | 19.23             | (16.26 - 22.60)                     | 19.72             | (16.97 - 22.80)                     |
| Greater Columbia and North<br>Central | 3.15                | (2.11 - 4.68)                         | 19.05               | (14.66 - 24.38)                       | 17.57             | (14.06 - 21.73)                     | 17.81             | (14.60 - 21.55)                     |
| Spokane                               | 5.61                | (3.80 - 8.20)                         | *                   | (* - *)                               | 21.56             | (17.29 - 26.55)                     | 22.49             | (18.43 - 27.14)                     |
| Region 2                              | 3.47                | (2.56 - 4.70)                         | 21.39               | (18.02 - 25.19)                       | 14.22             | (12.18 - 16.53)                     | 15.15             | (13.24 - 17.27)                     |
| King                                  | 3.17                | (2.17 - 4.61)                         | 20.84               | (16.73 - 25.65)                       | 12.74             | (10.45 - 15.45)                     | 13.76             | (11.60 - 16.25)                     |
| North Sound                           | 3.96                | (2.70 - 5.75)                         | 22.28               | (17.59 - 27.79)                       | 16.88             | (13.64 - 20.71)                     | 17.62             | (14.57 - 21.15)                     |
| Region 3                              | 4.35                | (3.30 - 5.72)                         | 26.24               | (22.53 - 30.33)                       | 20.63             | (17.92 - 23.62)                     | 21.39             | (18.86 - 24.16)                     |
| Pierce                                | 4.05                | (2.77 - 5.90)                         | 27.82               | (22.55 - 33.77)                       | 22.00             | (18.12 - 26.44)                     | 22.84             | (19.22 - 26.91)                     |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | 16.81             | (13.04 - 21.39)                     | 17.65             | (14.02 - 21.98)                     |
| SW WA and Great Rivers                | 4.62                | (3.11 - 6.81)                         | 26.31               | (20.82 - 32.65)                       | 21.94             | (17.68 - 26.88)                     | 22.51             | (18.51 - 27.07)                     |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 19.65             | (15.52 - 24.55)                     |

See notes at end of table.

(continued)

**Table 8 Cigarette Use in the Past Month, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 8.14                | (6.71 - 9.84)                         | 38.91               | (35.56 - 42.38)                       | 30.81             | (28.20 - 33.56)                     | 31.87             | (29.50 - 34.34)                     |
| Region I                      | 7.57                | (5.27 - 10.76)                        | *                   | (* - *)                               | 28.71             | (23.58 - 34.45)                     | 29.79             | (24.97 - 35.12)                     |
| Region II                     | 6.00                | (4.23 - 8.46)                         | *                   | (* - *)                               | 23.45             | (19.27 - 28.22)                     | 24.61             | (20.68 - 29.01)                     |
| Region III                    | 8.38                | (6.00 - 11.58)                        | *                   | (* - *)                               | 30.01             | (25.03 - 35.50)                     | 30.87             | (26.20 - 35.96)                     |
| Region IV                     | 9.36                | (6.87 - 12.63)                        | 40.06               | (34.38 - 46.03)                       | 34.14             | (29.60 - 38.99)                     | 35.13             | (31.08 - 39.40)                     |
| Region V                      | 8.24                | (6.06 - 11.11)                        | 40.56               | (34.98 - 46.39)                       | 32.21             | (27.85 - 36.90)                     | 33.20             | (29.19 - 37.48)                     |
| Region VI                     | 8.69                | (6.34 - 11.80)                        | 41.16               | (35.15 - 47.45)                       | 31.73             | (27.41 - 36.38)                     | 32.80             | (28.82 - 37.04)                     |
| <b>Wisconsin</b>              | 5.06                | (4.08 - 6.26)                         | 26.34               | (23.45 - 29.46)                       | 21.81             | (19.63 - 24.15)                     | 22.45             | (20.47 - 24.57)                     |
| Milwaukee                     | 3.05                | (2.09 - 4.42)                         | 23.26               | (18.54 - 28.75)                       | 24.21             | (20.32 - 28.57)                     | 24.04             | (20.49 - 27.98)                     |
| Northeastern                  | 5.48                | (3.89 - 7.67)                         | 26.74               | (21.59 - 32.62)                       | 22.03             | (18.35 - 26.22)                     | 22.66             | (19.22 - 26.51)                     |
| Northern                      | 6.46                | (4.48 - 9.22)                         | *                   | (* - *)                               | 23.82             | (19.33 - 28.99)                     | 24.60             | (20.35 - 29.41)                     |
| Southeastern                  | 4.61                | (3.25 - 6.50)                         | 24.43               | (19.39 - 30.30)                       | 19.88             | (16.45 - 23.83)                     | 20.49             | (17.29 - 24.11)                     |
| Southern                      | 4.56                | (3.18 - 6.50)                         | 26.66               | (21.86 - 32.09)                       | 19.41             | (16.12 - 23.18)                     | 20.44             | (17.38 - 23.87)                     |
| Western                       | 7.63                | (5.38 - 10.72)                        | 29.91               | (24.17 - 36.36)                       | 23.76             | (19.51 - 28.61)                     | 24.70             | (20.78 - 29.08)                     |
| <b>Wyoming</b>                | 7.03                | (5.68 - 8.67)                         | 30.89               | (27.59 - 34.40)                       | 23.53             | (21.37 - 25.84)                     | 24.59             | (22.59 - 26.70)                     |
| Judicial District 1 (Laramie) | 7.14                | (4.92 - 10.26)                        | *                   | (* - *)                               | 25.23             | (21.38 - 29.50)                     | 26.14             | (22.51 - 30.13)                     |
| Judicial District 2           | 5.36                | (3.66 - 7.77)                         | 23.95               | (19.08 - 29.62)                       | 22.24             | (18.24 - 26.82)                     | 22.65             | (19.15 - 26.57)                     |
| Judicial District 3           | 5.76                | (4.00 - 8.22)                         | *                   | (* - *)                               | 21.68             | (17.68 - 26.28)                     | 22.55             | (18.79 - 26.80)                     |
| Judicial District 4           | 8.02                | (5.47 - 11.61)                        | *                   | (* - *)                               | 19.96             | (15.61 - 25.15)                     | 21.33             | (17.10 - 26.27)                     |
| Judicial District 5           | 6.92                | (4.76 - 9.95)                         | *                   | (* - *)                               | 20.22             | (16.50 - 24.54)                     | 21.51             | (17.92 - 25.59)                     |
| Judicial District 6           | 7.54                | (5.27 - 10.66)                        | *                   | (* - *)                               | 27.94             | (23.18 - 33.27)                     | 28.69             | (24.26 - 33.55)                     |
| Judicial District 7 (Natrona) | 7.27                | (5.14 - 10.20)                        | *                   | (* - *)                               | 27.57             | (23.22 - 32.39)                     | 28.55             | (24.46 - 33.02)                     |
| Judicial District 8           | 7.62                | (5.30 - 10.86)                        | *                   | (* - *)                               | 23.43             | (18.98 - 28.56)                     | 24.77             | (20.54 - 29.54)                     |
| Judicial District 9           | 8.04                | (5.63 - 11.36)                        | *                   | (* - *)                               | 20.89             | (17.03 - 25.36)                     | 22.71             | (19.00 - 26.90)                     |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 9** *Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs*

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 2.40                | (2.23 - 2.58)                         | 11.29               | (10.91 - 11.69)                       | 5.49              | (5.32 - 5.67)                       | 6.32              | (6.16 - 6.49)                       |
| <b>Northeast</b>           | 2.46                | (2.18 - 2.76)                         | 11.96               | (11.26 - 12.68)                       | 5.67              | (5.29 - 6.07)                       | 6.55              | (6.20 - 6.92)                       |
| <b>Midwest</b>             | 2.42                | (2.18 - 2.68)                         | 12.18               | (11.58 - 12.81)                       | 5.54              | (5.24 - 5.86)                       | 6.50              | (6.22 - 6.79)                       |
| <b>South</b>               | 2.26                | (2.03 - 2.52)                         | 10.31               | (9.82 - 10.81)                        | 5.14              | (4.88 - 5.41)                       | 5.87              | (5.64 - 6.12)                       |
| <b>West</b>                | 2.55                | (2.25 - 2.88)                         | 11.54               | (10.85 - 12.26)                       | 5.86              | (5.50 - 6.25)                       | 6.70              | (6.37 - 7.05)                       |
| <b>Alabama</b>             | 1.88                | (1.34 - 2.64)                         | 8.97                | (7.41 - 10.82)                        | 3.81              | (3.03 - 4.79)                       | 4.55              | (3.79 - 5.45)                       |
| Region 1                   | 2.02                | (1.30 - 3.10)                         | 8.47                | (6.20 - 11.46)                        | 3.52              | (2.55 - 4.84)                       | 4.16              | (3.16 - 5.46)                       |
| Region 2                   | 1.78                | (1.14 - 2.76)                         | 9.35                | (6.97 - 12.43)                        | 3.93              | (2.88 - 5.34)                       | 4.72              | (3.66 - 6.06)                       |
| Region 3                   | 1.58                | (0.99 - 2.52)                         | 7.79                | (5.55 - 10.84)                        | 3.44              | (2.38 - 4.94)                       | 4.18              | (3.08 - 5.66)                       |
| Region 4                   | 2.09                | (1.35 - 3.23)                         | 10.22               | (7.48 - 13.83)                        | 4.31              | (3.09 - 5.98)                       | 5.09              | (3.85 - 6.71)                       |
| <b>Alaska</b>              | 2.57                | (1.93 - 3.42)                         | 11.84               | (10.00 - 13.97)                       | 6.86              | (5.73 - 8.20)                       | 7.64              | (6.58 - 8.86)                       |
| Anchorage                  | 2.61                | (1.80 - 3.77)                         | 12.22               | (9.65 - 15.36)                        | 7.08              | (5.56 - 8.99)                       | 7.90              | (6.45 - 9.65)                       |
| Northern                   | 2.51                | (1.68 - 3.75)                         | 11.80               | (8.80 - 15.64)                        | 7.32              | (5.49 - 9.69)                       | 8.13              | (6.36 - 10.34)                      |
| South Central              | 2.60                | (1.76 - 3.84)                         | 10.99               | (8.22 - 14.55)                        | 6.32              | (4.72 - 8.41)                       | 6.98              | (5.43 - 8.93)                       |
| Southeast                  | *                   | (* - *)                               | 12.51               | (8.90 - 17.31)                        | 6.48              | (4.66 - 8.94)                       | 7.25              | (5.39 - 9.69)                       |
| <b>Arizona</b>             | 2.68                | (1.98 - 3.63)                         | 12.58               | (10.68 - 14.77)                       | 5.71              | (4.71 - 6.92)                       | 6.72              | (5.75 - 7.83)                       |
| Central                    | 2.71                | (1.90 - 3.87)                         | 12.60               | (10.22 - 15.44)                       | 5.79              | (4.63 - 7.22)                       | 6.79              | (5.66 - 8.13)                       |
| North                      | 2.58                | (1.68 - 3.94)                         | 12.98               | (9.31 - 17.81)                        | 5.61              | (3.96 - 7.87)                       | 6.62              | (4.91 - 8.88)                       |
| South                      | 2.65                | (1.86 - 3.78)                         | 12.39               | (9.74 - 15.64)                        | 5.61              | (4.29 - 7.30)                       | 6.61              | (5.27 - 8.26)                       |
| South A                    | 2.67                | (1.74 - 4.07)                         | 13.08               | (9.65 - 17.50)                        | 5.76              | (4.18 - 7.91)                       | 6.83              | (5.18 - 8.96)                       |
| South B                    | 2.64                | (1.72 - 4.03)                         | 11.56               | (8.31 - 15.88)                        | 5.42              | (3.82 - 7.63)                       | 6.33              | (4.69 - 8.50)                       |
| <b>Arkansas</b>            | 2.34                | (1.73 - 3.16)                         | 9.83                | (8.21 - 11.74)                        | 4.47              | (3.61 - 5.52)                       | 5.24              | (4.39 - 6.24)                       |
| Catchment Area 1           | 2.33                | (1.51 - 3.58)                         | 9.54                | (6.87 - 13.11)                        | 4.25              | (3.03 - 5.92)                       | 5.09              | (3.81 - 6.78)                       |
| Catchment Area 2           | *                   | (* - *)                               | 9.03                | (6.34 - 12.70)                        | 3.97              | (2.79 - 5.63)                       | 4.59              | (3.36 - 6.25)                       |
| Catchment Area 3           | 2.32                | (1.51 - 3.56)                         | 10.04               | (7.14 - 13.94)                        | 5.10              | (3.67 - 7.05)                       | 5.82              | (4.34 - 7.77)                       |
| Catchment Area 4           | 2.64                | (1.70 - 4.09)                         | 10.62               | (7.46 - 14.90)                        | 4.50              | (3.16 - 6.39)                       | 5.34              | (3.90 - 7.26)                       |
| Catchment Area 5           | 2.32                | (1.51 - 3.54)                         | 10.51               | (7.65 - 14.25)                        | 4.50              | (3.17 - 6.33)                       | 5.47              | (4.08 - 7.29)                       |
| Catchment Area 6           | 2.02                | (1.29 - 3.17)                         | 8.46                | (5.83 - 12.11)                        | 4.13              | (2.88 - 5.88)                       | 4.76              | (3.45 - 6.52)                       |
| Catchment Area 7           | *                   | (* - *)                               | *                   | (* - *)                               | 4.34              | (3.06 - 6.12)                       | 4.99              | (3.64 - 6.82)                       |
| Catchment Area 8           | 2.33                | (1.52 - 3.56)                         | 10.28               | (7.37 - 14.16)                        | 4.70              | (3.41 - 6.45)                       | 5.43              | (4.08 - 7.18)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|-----------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| <b>California</b>           | 2.44                | (2.00 - 2.97)                      | 11.34               | (10.27 - 12.50)                    | 5.97              | (5.40 - 6.60)                    | 6.78              | (6.25 - 7.35)                    |
| Region 1R                   | 2.78                | (1.90 - 4.04)                      | 13.70               | (10.05 - 18.39)                    | 6.16              | (4.62 - 8.18)                    | 7.24              | (5.60 - 9.30)                    |
| Region 2R                   | 2.52                | (1.72 - 3.69)                      | 13.53               | (9.97 - 18.10)                     | 5.67              | (4.21 - 7.60)                    | 6.86              | (5.29 - 8.85)                    |
| Region 3R (Sacramento)      | 2.27                | (1.56 - 3.29)                      | 9.86                | (7.25 - 13.29)                     | 6.12              | (4.68 - 7.97)                    | 6.67              | (5.24 - 8.46)                    |
| Region 4R                   | 2.57                | (1.76 - 3.74)                      | 13.35               | (9.75 - 18.03)                     | 6.60              | (5.00 - 8.65)                    | 7.46              | (5.82 - 9.53)                    |
| Region 5R (San Francisco)   | *                   | (* - *)                            | 14.69               | (10.78 - 19.71)                    | 7.00              | (5.18 - 9.39)                    | 7.76              | (5.89 - 10.16)                   |
| Region 6 (Santa Clara)      | 2.29                | (1.57 - 3.31)                      | 11.76               | (8.92 - 15.35)                     | 4.73              | (3.63 - 6.16)                    | 5.64              | (4.49 - 7.07)                    |
| Region 7R (Contra Costa)    | 2.46                | (1.66 - 3.61)                      | 12.70               | (9.43 - 16.88)                     | 7.23              | (5.50 - 9.47)                    | 7.96              | (6.20 - 10.15)                   |
| Region 8R (Alameda)         | 2.18                | (1.50 - 3.17)                      | 11.42               | (8.44 - 15.27)                     | 5.85              | (4.46 - 7.63)                    | 6.59              | (5.16 - 8.37)                    |
| Region 9R (San Mateo)       | 2.39                | (1.65 - 3.44)                      | 11.42               | (8.13 - 15.80)                     | 5.54              | (4.11 - 7.43)                    | 6.20              | (4.71 - 8.12)                    |
| Region 10                   | 2.68                | (1.83 - 3.91)                      | 14.29               | (10.52 - 19.11)                    | 6.82              | (5.10 - 9.06)                    | 8.05              | (6.24 - 10.33)                   |
| Region 11 (Los Angeles)     | 2.35                | (1.87 - 2.95)                      | 10.45               | (9.08 - 12.01)                     | 5.71              | (4.96 - 6.57)                    | 6.43              | (5.70 - 7.24)                    |
| LA SPA 1 and 5              | 2.36                | (1.59 - 3.49)                      | 10.89               | (7.88 - 14.87)                     | 5.32              | (3.89 - 7.24)                    | 6.16              | (4.66 - 8.10)                    |
| LA SPA 2                    | 2.30                | (1.58 - 3.35)                      | 9.82                | (7.29 - 13.12)                     | 5.26              | (3.99 - 6.90)                    | 5.89              | (4.59 - 7.53)                    |
| LA SPA 3                    | 2.25                | (1.54 - 3.27)                      | 10.73               | (7.98 - 14.27)                     | 5.20              | (3.88 - 6.93)                    | 6.01              | (4.66 - 7.73)                    |
| LA SPA 4                    | 2.49                | (1.66 - 3.71)                      | 12.33               | (8.95 - 16.75)                     | 7.11              | (5.35 - 9.39)                    | 7.81              | (6.01 - 10.09)                   |
| LA SPA 6                    | 2.43                | (1.60 - 3.66)                      | 8.83                | (6.39 - 12.08)                     | 5.66              | (4.19 - 7.60)                    | 6.29              | (4.82 - 8.18)                    |
| LA SPA 7                    | 2.46                | (1.68 - 3.58)                      | 10.18               | (7.44 - 13.77)                     | 5.84              | (4.37 - 7.78)                    | 6.57              | (5.06 - 8.49)                    |
| LA SPA 8                    | 2.31                | (1.61 - 3.31)                      | 10.95               | (8.28 - 14.34)                     | 6.08              | (4.67 - 7.86)                    | 6.77              | (5.37 - 8.51)                    |
| Region 12R                  | 2.32                | (1.57 - 3.41)                      | 10.61               | (7.67 - 14.50)                     | 5.61              | (4.15 - 7.54)                    | 6.38              | (4.86 - 8.34)                    |
| Regions 13 and 19R          | 2.55                | (1.75 - 3.70)                      | 10.47               | (8.03 - 13.55)                     | 6.13              | (4.82 - 7.76)                    | 6.85              | (5.56 - 8.41)                    |
| Region 14 (Orange)          | 2.63                | (1.83 - 3.77)                      | 13.30               | (10.33 - 16.97)                    | 6.40              | (5.02 - 8.13)                    | 7.40              | (6.00 - 9.10)                    |
| Region 15R (Fresno)         | 2.59                | (1.75 - 3.81)                      | 11.54               | (8.54 - 15.43)                     | 6.39              | (4.81 - 8.46)                    | 7.31              | (5.67 - 9.37)                    |
| Region 16R (San Diego)      | 2.43                | (1.71 - 3.45)                      | 11.57               | (8.98 - 14.78)                     | 5.96              | (4.74 - 7.46)                    | 6.83              | (5.59 - 8.32)                    |
| Region 17R                  | 2.39                | (1.66 - 3.44)                      | 9.14                | (6.83 - 12.14)                     | 5.62              | (4.35 - 7.22)                    | 6.24              | (4.97 - 7.79)                    |
| Region 18R (San Bernardino) | 2.40                | (1.64 - 3.49)                      | 9.47                | (7.08 - 12.54)                     | 5.73              | (4.40 - 7.42)                    | 6.38              | (5.05 - 8.03)                    |
| Region 20R                  | 2.36                | (1.61 - 3.46)                      | 9.29                | (6.72 - 12.70)                     | 6.05              | (4.51 - 8.08)                    | 6.60              | (5.05 - 8.57)                    |
| Region 21R                  | 2.80                | (1.88 - 4.17)                      | 12.96               | (9.34 - 17.72)                     | 6.06              | (4.52 - 8.07)                    | 7.21              | (5.52 - 9.36)                    |

See notes at end of table.

(continued)



**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 3.03                | (2.27 - 4.01)                         | 12.51               | (10.62 - 14.70)                       | 6.80              | (5.65 - 8.17)                       | 7.63              | (6.54 - 8.88)                       |
| Region 1                                  | 3.05                | (2.01 - 4.58)                         | 13.47               | (9.97 - 17.96)                        | 6.67              | (4.95 - 8.95)                       | 7.66              | (5.91 - 9.86)                       |
| Region 2                                  | 2.94                | (1.92 - 4.48)                         | 10.58               | (7.38 - 14.96)                        | 6.22              | (4.43 - 8.67)                       | 6.90              | (5.08 - 9.31)                       |
| Region 3                                  | 3.19                | (2.18 - 4.63)                         | 12.78               | (9.69 - 16.68)                        | 7.04              | (5.32 - 9.26)                       | 7.83              | (6.15 - 9.93)                       |
| Region 4                                  | *                   | (* - *)                               | 10.75               | (7.51 - 15.16)                        | 5.87              | (4.08 - 8.37)                       | 6.55              | (4.74 - 8.98)                       |
| Region 5                                  | 2.90                | (1.88 - 4.44)                         | 13.40               | (9.86 - 17.96)                        | 8.49              | (6.22 - 11.48)                      | 9.16              | (6.94 - 11.99)                      |
| Region 6                                  | 3.03                | (2.00 - 4.56)                         | 13.36               | (9.80 - 17.94)                        | 6.30              | (4.65 - 8.49)                       | 7.30              | (5.60 - 9.48)                       |
| Region 7                                  | 2.91                | (1.89 - 4.46)                         | 11.16               | (7.97 - 15.41)                        | 6.32              | (4.56 - 8.70)                       | 7.10              | (5.34 - 9.38)                       |
| <b>Connecticut</b>                        | 2.74                | (2.05 - 3.66)                         | 12.30               | (10.38 - 14.51)                       | 6.28              | (5.14 - 7.66)                       | 7.12              | (6.02 - 8.40)                       |
| Eastern                                   | 2.85                | (1.84 - 4.40)                         | 12.76               | (9.18 - 17.47)                        | 5.69              | (4.06 - 7.93)                       | 6.93              | (5.17 - 9.23)                       |
| North Central                             | 2.49                | (1.66 - 3.72)                         | 11.77               | (8.84 - 15.51)                        | 6.92              | (5.23 - 9.10)                       | 7.57              | (5.91 - 9.64)                       |
| Northwestern                              | 2.81                | (1.86 - 4.23)                         | 11.94               | (8.70 - 16.17)                        | 5.73              | (4.13 - 7.89)                       | 6.51              | (4.89 - 8.62)                       |
| South Central                             | 3.00                | (2.01 - 4.46)                         | 13.89               | (10.41 - 18.31)                       | 6.55              | (4.78 - 8.90)                       | 7.59              | (5.81 - 9.86)                       |
| Southwest                                 | 2.69                | (1.79 - 4.03)                         | 10.91               | (7.97 - 14.76)                        | 5.89              | (4.27 - 8.09)                       | 6.57              | (4.95 - 8.66)                       |
| <b>Delaware</b>                           | 2.16                | (1.59 - 2.94)                         | 11.81               | (9.93 - 13.99)                        | 5.37              | (4.39 - 6.55)                       | 6.24              | (5.30 - 7.35)                       |
| Kent                                      | 2.18                | (1.45 - 3.25)                         | 10.86               | (7.99 - 14.60)                        | 5.40              | (3.95 - 7.33)                       | 6.23              | (4.78 - 8.08)                       |
| New Castle (excluding<br>Wilmington City) | 2.23                | (1.53 - 3.24)                         | 13.18               | (10.54 - 16.37)                       | 5.64              | (4.39 - 7.23)                       | 6.73              | (5.49 - 8.24)                       |
| Sussex                                    | 2.18                | (1.41 - 3.35)                         | 9.28                | (6.53 - 13.02)                        | 4.54              | (3.24 - 6.33)                       | 5.02              | (3.70 - 6.78)                       |
| Wilmington City                           | *                   | (* - *)                               | 10.18               | (7.03 - 14.53)                        | 6.09              | (4.26 - 8.63)                       | 6.64              | (4.80 - 9.13)                       |
| <b>District of Columbia</b>               | 2.12                | (1.52 - 2.95)                         | 13.54               | (11.48 - 15.90)                       | 8.00              | (6.81 - 9.38)                       | 8.96              | (7.83 - 10.23)                      |
| Ward 1                                    | *                   | (* - *)                               | 12.69               | (9.18 - 17.30)                        | 10.29             | (7.70 - 13.64)                      | 10.73             | (8.24 - 13.85)                      |
| Ward 2                                    | *                   | (* - *)                               | 18.77               | (14.08 - 24.58)                       | 9.88              | (7.43 - 13.02)                      | 12.20             | (9.60 - 15.39)                      |
| Ward 3                                    | 3.28                | (2.08 - 5.14)                         | 15.48               | (11.20 - 21.02)                       | 7.76              | (5.82 - 10.28)                      | 9.04              | (6.99 - 11.60)                      |
| Ward 4                                    | 2.39                | (1.53 - 3.73)                         | 11.47               | (8.02 - 16.16)                        | 6.93              | (5.12 - 9.33)                       | 7.44              | (5.62 - 9.79)                       |
| Ward 5                                    | 1.78                | (1.11 - 2.86)                         | 12.27               | (8.77 - 16.91)                        | 6.78              | (4.92 - 9.29)                       | 7.71              | (5.80 - 10.17)                      |
| Ward 6                                    | 2.04                | (1.31 - 3.15)                         | 14.51               | (10.88 - 19.10)                       | 7.98              | (6.08 - 10.41)                      | 8.79              | (6.90 - 11.13)                      |
| Ward 7                                    | 1.56                | (0.95 - 2.53)                         | 8.37                | (5.86 - 11.81)                        | 6.37              | (4.63 - 8.72)                       | 6.70              | (5.02 - 8.89)                       |
| Ward 8                                    | 1.75                | (1.08 - 2.81)                         | 10.02               | (7.06 - 14.03)                        | 7.96              | (5.78 - 10.85)                      | 8.36              | (6.27 - 11.05)                      |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 2.38                | (1.92 - 2.94)                         | 10.17               | (9.10 - 11.36)                        | 5.46              | (4.82 - 6.18)                       | 6.05              | (5.45 - 6.71)                       |
| Broward (Circuit 17)                                                    | 2.07                | (1.40 - 3.04)                         | 9.16                | (6.88 - 12.09)                        | 5.21              | (3.95 - 6.84)                       | 5.69              | (4.44 - 7.25)                       |
| Central I                                                               | 2.39                | (1.81 - 3.16)                         | 10.02               | (8.16 - 12.25)                        | 5.11              | (4.17 - 6.24)                       | 5.81              | (4.87 - 6.92)                       |
| Circuit 9                                                               | 2.40                | (1.69 - 3.38)                         | 10.23               | (7.90 - 13.15)                        | 5.05              | (3.93 - 6.47)                       | 5.87              | (4.73 - 7.27)                       |
| Circuit 18                                                              | 2.38                | (1.64 - 3.43)                         | 9.63                | (7.01 - 13.10)                        | 5.19              | (3.84 - 6.98)                       | 5.72              | (4.35 - 7.49)                       |
| Central II                                                              | 2.48                | (1.93 - 3.18)                         | 10.69               | (9.07 - 12.55)                        | 5.62              | (4.76 - 6.63)                       | 6.19              | (5.35 - 7.15)                       |
| Circuit 6                                                               | 2.48                | (1.70 - 3.61)                         | 10.80               | (8.04 - 14.36)                        | 5.78              | (4.37 - 7.62)                       | 6.29              | (4.89 - 8.06)                       |
| Circuit 10                                                              | 2.33                | (1.56 - 3.46)                         | 8.53                | (6.17 - 11.68)                        | 4.59              | (3.36 - 6.25)                       | 5.08              | (3.84 - 6.70)                       |
| Circuit 12                                                              | 2.45                | (1.66 - 3.62)                         | 10.50               | (7.50 - 14.53)                        | 5.62              | (4.05 - 7.77)                       | 6.08              | (4.49 - 8.18)                       |
| Circuit 13 (Hillsborough)                                               | 2.52                | (1.72 - 3.67)                         | 11.87               | (9.08 - 15.37)                        | 6.05              | (4.68 - 7.78)                       | 6.86              | (5.49 - 8.55)                       |
| Circuit 20                                                              | 2.56                | (1.74 - 3.75)                         | 10.55               | (7.56 - 14.52)                        | 5.60              | (4.09 - 7.62)                       | 6.10              | (4.58 - 8.08)                       |
| Northeast                                                               | 2.54                | (1.94 - 3.32)                         | 10.89               | (9.10 - 12.97)                        | 5.66              | (4.74 - 6.75)                       | 6.32              | (5.41 - 7.37)                       |
| Circuit 4                                                               | 2.30                | (1.58 - 3.35)                         | 11.15               | (8.25 - 14.91)                        | 6.11              | (4.60 - 8.06)                       | 6.80              | (5.27 - 8.72)                       |
| Circuit 5                                                               | 2.69                | (1.83 - 3.95)                         | 10.18               | (7.41 - 13.83)                        | 5.01              | (3.71 - 6.72)                       | 5.49              | (4.17 - 7.19)                       |
| Circuit 7                                                               | 2.75                | (1.86 - 4.07)                         | 11.68               | (8.56 - 15.74)                        | 6.02              | (4.46 - 8.06)                       | 6.67              | (5.09 - 8.68)                       |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | 2.48                | (1.67 - 3.69)                         | 10.42               | (7.36 - 14.55)                        | 5.53              | (3.99 - 7.63)                       | 6.49              | (4.84 - 8.63)                       |
| Northwest                                                               | 2.59                | (1.93 - 3.48)                         | 12.12               | (9.98 - 14.64)                        | 6.07              | (4.93 - 7.45)                       | 7.04              | (5.91 - 8.36)                       |
| Circuit 1                                                               | 2.53                | (1.74 - 3.68)                         | 12.16               | (9.10 - 16.06)                        | 5.69              | (4.18 - 7.69)                       | 6.61              | (5.08 - 8.55)                       |
| Circuit 2 plus Madison and<br>Taylor                                    | *                   | (* - *)                               | 12.85               | (9.61 - 16.99)                        | 7.07              | (5.29 - 9.40)                       | 8.30              | (6.47 - 10.60)                      |
| Circuit 14                                                              | *                   | (* - *)                               | 10.13               | (7.22 - 14.06)                        | 5.62              | (4.05 - 7.74)                       | 6.19              | (4.59 - 8.29)                       |
| South (Circuits 11 and 16)                                              | 2.05                | (1.39 - 3.00)                         | 7.82                | (5.88 - 10.34)                        | 4.83              | (3.71 - 6.26)                       | 5.21              | (4.12 - 6.58)                       |
| Southeast                                                               | 2.38                | (1.73 - 3.26)                         | 10.11               | (7.99 - 12.71)                        | 5.70              | (4.47 - 7.23)                       | 6.18              | (4.97 - 7.66)                       |
| Circuit 15 (Palm Beach)                                                 | 2.39                | (1.63 - 3.48)                         | 10.50               | (7.88 - 13.87)                        | 5.95              | (4.42 - 7.95)                       | 6.45              | (4.94 - 8.38)                       |
| Circuit 19                                                              | 2.37                | (1.58 - 3.52)                         | 9.21                | (6.51 - 12.87)                        | 5.15              | (3.76 - 7.03)                       | 5.59              | (4.16 - 7.45)                       |
| <b>Georgia</b>                                                          | 1.94                | (1.45 - 2.58)                         | 9.74                | (8.35 - 11.34)                        | 4.83              | (4.06 - 5.74)                       | 5.56              | (4.82 - 6.40)                       |
| Region 1                                                                | 2.17                | (1.46 - 3.23)                         | 9.93                | (7.54 - 12.98)                        | 4.89              | (3.75 - 6.35)                       | 5.55              | (4.40 - 6.99)                       |
| Region 2                                                                | 1.95                | (1.29 - 2.94)                         | 10.47               | (7.74 - 14.03)                        | 4.91              | (3.64 - 6.60)                       | 5.83              | (4.51 - 7.51)                       |
| Region 3                                                                | 1.70                | (1.14 - 2.54)                         | 10.14               | (7.91 - 12.92)                        | 4.84              | (3.71 - 6.29)                       | 5.60              | (4.48 - 6.98)                       |
| Region 4                                                                | 1.94                | (1.26 - 2.98)                         | 8.88                | (6.09 - 12.76)                        | 4.90              | (3.50 - 6.82)                       | 5.56              | (4.08 - 7.52)                       |
| Region 5                                                                | 1.99                | (1.29 - 3.05)                         | 9.40                | (6.92 - 12.64)                        | 4.92              | (3.60 - 6.70)                       | 5.66              | (4.31 - 7.41)                       |
| Region 6                                                                | 1.92                | (1.25 - 2.94)                         | 8.61                | (6.23 - 11.79)                        | 4.53              | (3.27 - 6.25)                       | 5.14              | (3.87 - 6.81)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|---------------------------------|---------------------|------------------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| <b>Hawaii</b>                   | 2.39                | (1.71 - 3.33)                      | 11.44               | (9.47 - 13.76)                     | 4.72              | (3.80 - 5.85)                    | 5.60              | (4.70 - 6.65)                    |
| Hawaii Island                   | 2.11                | (1.34 - 3.31)                      | 9.65                | (6.86 - 13.40)                     | 4.43              | (3.10 - 6.27)                    | 5.07              | (3.71 - 6.89)                    |
| Honolulu                        | 2.42                | (1.65 - 3.53)                      | 11.81               | (9.45 - 14.68)                     | 4.66              | (3.63 - 5.98)                    | 5.63              | (4.60 - 6.87)                    |
| Kauai                           | 2.73                | (1.72 - 4.32)                      | 11.73               | (8.08 - 16.71)                     | 5.11              | (3.57 - 7.26)                    | 5.85              | (4.24 - 8.04)                    |
| Maui                            | 2.38                | (1.51 - 3.74)                      | 10.83               | (7.59 - 15.22)                     | 5.27              | (3.68 - 7.48)                    | 5.91              | (4.28 - 8.11)                    |
| <b>Idaho</b>                    | 2.81                | (2.12 - 3.71)                      | 11.42               | (9.68 - 13.41)                     | 5.40              | (4.45 - 6.54)                    | 6.27              | (5.35 - 7.34)                    |
| Region 1                        | 3.02                | (1.97 - 4.60)                      | 12.14               | (8.70 - 16.70)                     | 5.70              | (4.10 - 7.87)                    | 6.46              | (4.81 - 8.63)                    |
| Region 2                        | *                   | (* - *)                            | 12.98               | (9.15 - 18.08)                     | 5.17              | (3.66 - 7.25)                    | 6.53              | (4.85 - 8.75)                    |
| Region 3                        | 2.55                | (1.68 - 3.84)                      | 8.36                | (6.01 - 11.51)                     | 4.73              | (3.46 - 6.45)                    | 5.26              | (3.97 - 6.93)                    |
| Region 4                        | 3.21                | (2.17 - 4.72)                      | 15.16               | (11.70 - 19.43)                    | 6.33              | (4.78 - 8.33)                    | 7.49              | (5.91 - 9.43)                    |
| Region 5                        | 2.48                | (1.62 - 3.78)                      | 8.54                | (6.05 - 11.93)                     | 4.70              | (3.33 - 6.59)                    | 5.23              | (3.85 - 7.07)                    |
| Region 6                        | 2.65                | (1.72 - 4.05)                      | *                   | (* - *)                            | 5.61              | (3.98 - 7.86)                    | 6.60              | (4.84 - 8.94)                    |
| Region 7                        | 2.54                | (1.66 - 3.87)                      | 9.01                | (6.50 - 12.37)                     | 4.50              | (3.22 - 6.25)                    | 5.34              | (4.02 - 7.06)                    |
| <b>Illinois</b>                 | 2.31                | (1.83 - 2.92)                      | 11.46               | (10.14 - 12.92)                    | 5.47              | (4.76 - 6.28)                    | 6.32              | (5.65 - 7.06)                    |
| Region 1 (Cook)                 | 2.23                | (1.69 - 2.94)                      | 10.96               | (9.33 - 12.84)                     | 5.92              | (5.01 - 6.99)                    | 6.62              | (5.74 - 7.62)                    |
| Region 1.1 (Far North Side)     | *                   | (* - *)                            | *                   | (* - *)                            | 6.43              | (4.67 - 8.79)                    | 7.17              | (5.36 - 9.53)                    |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                            | *                   | (* - *)                            | 6.01              | (4.31 - 8.34)                    | 6.60              | (4.86 - 8.91)                    |
| Region 1.3 (North Central Side) | *                   | (* - *)                            | *                   | (* - *)                            | 7.89              | (5.72 - 10.77)                   | 9.10              | (6.79 - 12.10)                   |
| Region 1.4 (West Side)          | *                   | (* - *)                            | 9.41                | (6.67 - 13.10)                     | 6.84              | (4.93 - 9.42)                    | 7.26              | (5.39 - 9.72)                    |
| Region 1.5 (South Side)         | *                   | (* - *)                            | 9.72                | (6.87 - 13.58)                     | 5.25              | (3.71 - 7.36)                    | 5.93              | (4.36 - 8.01)                    |
| Region 1.6 (Southwest Side)     | 2.17                | (1.43 - 3.29)                      | 9.18                | (6.36 - 13.08)                     | 5.73              | (4.09 - 7.97)                    | 6.30              | (4.64 - 8.50)                    |
| Region 1.7 (Suburban Cook)      | 2.39                | (1.67 - 3.41)                      | 10.57               | (8.18 - 13.55)                     | 5.45              | (4.28 - 6.92)                    | 6.11              | (4.95 - 7.53)                    |
| Region 2                        | 2.34                | (1.78 - 3.07)                      | 11.16               | (9.27 - 13.38)                     | 5.15              | (4.29 - 6.17)                    | 6.01              | (5.15 - 7.00)                    |
| Region 2a (DuPage)              | 2.51                | (1.71 - 3.66)                      | 11.21               | (8.21 - 15.12)                     | 5.08              | (3.81 - 6.74)                    | 5.89              | (4.56 - 7.59)                    |
| Region 2b                       | 2.25                | (1.58 - 3.20)                      | 10.95               | (8.41 - 14.14)                     | 5.00              | (3.88 - 6.42)                    | 5.87              | (4.73 - 7.26)                    |
| Region 2c (Winnebago)           | *                   | (* - *)                            | *                   | (* - *)                            | 5.98              | (4.29 - 8.27)                    | 6.70              | (4.97 - 8.97)                    |
| Region 2d                       | 2.43                | (1.65 - 3.57)                      | 11.64               | (8.50 - 15.74)                     | 5.38              | (3.93 - 7.33)                    | 6.33              | (4.82 - 8.27)                    |
| Region 3                        | 2.52                | (1.77 - 3.56)                      | 13.75               | (11.18 - 16.80)                    | 5.36              | (4.20 - 6.83)                    | 6.75              | (5.56 - 8.16)                    |
| Region 3a (Champaign)           | *                   | (* - *)                            | *                   | (* - *)                            | 6.25              | (4.51 - 8.60)                    | 9.46              | (7.25 - 12.26)                   |
| Region 3b                       | 2.52                | (1.73 - 3.66)                      | 12.46               | (9.64 - 15.97)                     | 5.24              | (3.98 - 6.86)                    | 6.29              | (5.00 - 7.88)                    |
| Region 4                        | 2.30                | (1.60 - 3.28)                      | 11.22               | (8.60 - 14.52)                     | 4.90              | (3.79 - 6.32)                    | 5.76              | (4.59 - 7.20)                    |
| Region 4a (Sangamon)            | *                   | (* - *)                            | *                   | (* - *)                            | 5.96              | (4.22 - 8.36)                    | 6.82              | (4.99 - 9.24)                    |
| Region 4b                       | 2.27                | (1.50 - 3.44)                      | 10.83               | (7.83 - 14.79)                     | 4.60              | (3.38 - 6.22)                    | 5.46              | (4.17 - 7.12)                    |
| Region 5                        | 2.33                | (1.67 - 3.25)                      | 11.48               | (9.08 - 14.42)                     | 5.06              | (3.96 - 6.46)                    | 5.94              | (4.82 - 7.31)                    |
| Region 5a                       | 2.19                | (1.46 - 3.29)                      | 11.77               | (8.47 - 16.15)                     | 5.47              | (3.92 - 7.58)                    | 6.32              | (4.71 - 8.44)                    |
| Region 5b                       | 2.46                | (1.62 - 3.71)                      | 11.26               | (8.28 - 15.12)                     | 4.74              | (3.49 - 6.41)                    | 5.64              | (4.33 - 7.31)                    |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 2.36                | (1.77 - 3.14)                         | 12.49               | (10.64 - 14.60)                       | 5.04              | (4.14 - 6.12)                       | 6.16              | (5.28 - 7.16)                       |
| Central                                     | 2.25                | (1.51 - 3.35)                         | 10.96               | (8.26 - 14.39)                        | 5.24              | (3.95 - 6.91)                       | 6.03              | (4.74 - 7.65)                       |
| East                                        | *                   | (* - *)                               | 13.26               | (9.60 - 18.04)                        | 4.86              | (3.46 - 6.79)                       | 6.20              | (4.67 - 8.20)                       |
| North Central                               | 2.21                | (1.45 - 3.36)                         | 10.55               | (7.57 - 14.52)                        | 4.84              | (3.47 - 6.70)                       | 5.66              | (4.24 - 7.52)                       |
| Northeast                                   | 2.73                | (1.74 - 4.23)                         | 12.99               | (9.41 - 17.66)                        | 5.15              | (3.67 - 7.19)                       | 6.28              | (4.70 - 8.35)                       |
| Northwest                                   | 2.18                | (1.43 - 3.31)                         | 10.83               | (7.69 - 15.05)                        | 5.08              | (3.62 - 7.09)                       | 5.90              | (4.38 - 7.89)                       |
| Southeast                                   | 2.54                | (1.64 - 3.90)                         | 12.44               | (8.88 - 17.16)                        | 5.10              | (3.64 - 7.11)                       | 6.02              | (4.48 - 8.06)                       |
| Southwest                                   | *                   | (* - *)                               | 11.81               | (8.42 - 16.33)                        | 4.84              | (3.43 - 6.79)                       | 5.80              | (4.31 - 7.77)                       |
| West                                        | *                   | (* - *)                               | 16.88               | (12.40 - 22.58)                       | 4.87              | (3.40 - 6.93)                       | 7.53              | (5.70 - 9.89)                       |
| <b>Iowa</b>                                 | 2.53                | (1.88 - 3.40)                         | 12.63               | (10.77 - 14.76)                       | 5.77              | (4.79 - 6.93)                       | 6.81              | (5.86 - 7.91)                       |
| Central                                     | 2.42                | (1.58 - 3.69)                         | 11.64               | (8.54 - 15.68)                        | 6.43              | (4.76 - 8.62)                       | 7.17              | (5.50 - 9.29)                       |
| North Central                               | 2.36                | (1.54 - 3.60)                         | 12.98               | (9.45 - 17.57)                        | 4.89              | (3.53 - 6.75)                       | 6.44              | (4.89 - 8.43)                       |
| Northeast                                   | 2.72                | (1.81 - 4.07)                         | 13.97               | (10.73 - 17.99)                       | 6.29              | (4.74 - 8.30)                       | 7.46              | (5.88 - 9.41)                       |
| Northwest                                   | 2.68                | (1.75 - 4.08)                         | 12.80               | (9.34 - 17.31)                        | 6.02              | (4.35 - 8.27)                       | 6.96              | (5.23 - 9.20)                       |
| Southeast                                   | 2.34                | (1.53 - 3.56)                         | 11.69               | (8.53 - 15.82)                        | 4.95              | (3.65 - 6.69)                       | 6.03              | (4.65 - 7.80)                       |
| Southwest                                   | 2.61                | (1.69 - 4.03)                         | 12.42               | (8.85 - 17.15)                        | 5.58              | (3.98 - 7.78)                       | 6.45              | (4.77 - 8.67)                       |
| <b>Kansas</b>                               | 2.70                | (2.00 - 3.65)                         | 12.02               | (10.07 - 14.29)                       | 4.82              | (3.93 - 5.91)                       | 5.93              | (5.06 - 6.94)                       |
| Northeast                                   | 2.63                | (1.79 - 3.84)                         | 11.88               | (9.34 - 15.00)                        | 4.76              | (3.65 - 6.19)                       | 5.91              | (4.78 - 7.30)                       |
| Northwest and North Central                 | *                   | (* - *)                               | *                   | (* - *)                               | 4.90              | (3.39 - 7.02)                       | 5.99              | (4.35 - 8.20)                       |
| South Central                               | 2.66                | (1.81 - 3.88)                         | 11.70               | (8.77 - 15.45)                        | 4.82              | (3.64 - 6.36)                       | 5.82              | (4.61 - 7.33)                       |
| Southeast                                   | *                   | (* - *)                               | *                   | (* - *)                               | 4.97              | (3.48 - 7.05)                       | 6.25              | (4.59 - 8.45)                       |
| Southwest                                   | 2.80                | (1.79 - 4.36)                         | 11.54               | (8.00 - 16.37)                        | 5.10              | (3.55 - 7.28)                       | 6.11              | (4.46 - 8.32)                       |
| <b>Kentucky</b>                             | 2.05                | (1.48 - 2.82)                         | 10.13               | (8.45 - 12.10)                        | 4.94              | (4.01 - 6.06)                       | 5.67              | (4.78 - 6.72)                       |
| Adanta, Cumberland River,<br>and Lifeskills | 2.08                | (1.33 - 3.23)                         | 9.39                | (6.63 - 13.13)                        | 4.30              | (3.05 - 6.02)                       | 5.03              | (3.73 - 6.77)                       |
| Bluegrass, Comprehend, and<br>North Key     | 2.00                | (1.30 - 3.08)                         | 10.07               | (7.62 - 13.21)                        | 5.21              | (3.88 - 6.96)                       | 5.93              | (4.64 - 7.57)                       |
| Centerstone                                 | 2.04                | (1.32 - 3.16)                         | 11.11               | (8.12 - 15.01)                        | 5.43              | (3.98 - 7.35)                       | 6.18              | (4.72 - 8.07)                       |
| Communicare and River Valley                | 2.06                | (1.29 - 3.26)                         | 10.14               | (7.17 - 14.14)                        | 4.87              | (3.42 - 6.90)                       | 5.60              | (4.10 - 7.62)                       |
| Four Rivers and Pennyroyal                  | *                   | (* - *)                               | 9.83                | (6.91 - 13.80)                        | 4.49              | (3.12 - 6.43)                       | 5.28              | (3.86 - 7.18)                       |
| Kentucky River, Mountain,<br>and Pathways   | 2.16                | (1.38 - 3.37)                         | 9.85                | (6.96 - 13.76)                        | 4.64              | (3.27 - 6.56)                       | 5.33              | (3.91 - 7.24)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 2.69                | (1.98 - 3.63)                         | 10.69               | (8.95 - 12.73)                        | 6.58              | (5.44 - 7.93)                       | 7.18              | (6.11 - 8.42)                       |
| Regions 1 and 10      | 2.50                | (1.70 - 3.64)                         | 11.90               | (9.09 - 15.42)                        | 7.16              | (5.49 - 9.28)                       | 7.81              | (6.17 - 9.84)                       |
| Region 1              | 2.41                | (1.51 - 3.81)                         | 13.10               | (9.32 - 18.11)                        | 8.10              | (5.86 - 11.09)                      | 8.87              | (6.64 - 11.74)                      |
| Region 10 (Jefferson) | 2.59                | (1.67 - 3.99)                         | 10.23               | (7.21 - 14.30)                        | 6.16              | (4.39 - 8.59)                       | 6.66              | (4.89 - 9.00)                       |
| Regions 2 and 9       | 2.62                | (1.75 - 3.89)                         | 11.09               | (8.41 - 14.49)                        | 6.56              | (4.96 - 8.64)                       | 7.26              | (5.71 - 9.18)                       |
| Region 3              | 2.63                | (1.68 - 4.09)                         | 8.25                | (5.79 - 11.62)                        | 5.48              | (3.86 - 7.74)                       | 5.88              | (4.27 - 8.03)                       |
| Regions 4, 5, and 6   | 2.99                | (2.00 - 4.44)                         | 11.18               | (8.13 - 15.20)                        | 6.80              | (5.10 - 9.00)                       | 7.44              | (5.76 - 9.56)                       |
| Regions 7 and 8       | 2.57                | (1.65 - 3.96)                         | 9.42                | (6.79 - 12.91)                        | 6.19              | (4.50 - 8.45)                       | 6.68              | (5.03 - 8.82)                       |
| <b>Maine</b>          | 2.45                | (1.80 - 3.31)                         | 11.30               | (9.49 - 13.41)                        | 4.82              | (3.93 - 5.89)                       | 5.59              | (4.73 - 6.61)                       |
| Aroostook/Downeast    | 2.42                | (1.66 - 3.50)                         | 10.74               | (8.10 - 14.11)                        | 4.24              | (3.11 - 5.76)                       | 4.95              | (3.78 - 6.46)                       |
| Aroostook             | 2.45                | (1.58 - 3.76)                         | 10.06               | (6.99 - 14.27)                        | 4.01              | (2.78 - 5.76)                       | 4.70              | (3.40 - 6.46)                       |
| Downeast              | *                   | (* - *)                               | 11.33               | (7.80 - 16.19)                        | 4.42              | (3.01 - 6.46)                       | 5.15              | (3.66 - 7.20)                       |
| Central               | 2.49                | (1.58 - 3.89)                         | 10.97               | (7.79 - 15.23)                        | 4.70              | (3.29 - 6.67)                       | 5.43              | (3.97 - 7.40)                       |
| Cumberland            | 2.51                | (1.65 - 3.82)                         | 13.45               | (9.93 - 17.97)                        | 5.34              | (3.93 - 7.21)                       | 6.33              | (4.88 - 8.18)                       |
| Midcoast              | 2.56                | (1.67 - 3.90)                         | 11.79               | (8.21 - 16.65)                        | 4.73              | (3.39 - 6.55)                       | 5.43              | (4.02 - 7.31)                       |
| Penquis               | 2.34                | (1.51 - 3.61)                         | 10.78               | (7.69 - 14.91)                        | 4.45              | (3.17 - 6.22)                       | 5.37              | (4.01 - 7.17)                       |
| Western               | 2.34                | (1.52 - 3.58)                         | 10.16               | (7.23 - 14.10)                        | 4.77              | (3.48 - 6.52)                       | 5.44              | (4.10 - 7.19)                       |
| York                  | 2.45                | (1.58 - 3.77)                         | 10.16               | (7.31 - 13.97)                        | 5.07              | (3.62 - 7.05)                       | 5.65              | (4.18 - 7.59)                       |
| <b>Maryland</b>       | 2.21                | (1.62 - 3.01)                         | 11.68               | (9.88 - 13.76)                        | 6.10              | (5.02 - 7.39)                       | 6.86              | (5.83 - 8.06)                       |
| Anne Arundel          | 2.38                | (1.50 - 3.75)                         | 11.79               | (8.30 - 16.49)                        | 5.39              | (3.84 - 7.51)                       | 6.22              | (4.60 - 8.36)                       |
| Baltimore City        | 1.62                | (1.02 - 2.57)                         | 11.74               | (8.60 - 15.85)                        | 7.92              | (5.79 - 10.75)                      | 8.53              | (6.46 - 11.18)                      |
| Baltimore County      | 2.29                | (1.46 - 3.57)                         | 11.77               | (8.33 - 16.37)                        | 6.27              | (4.52 - 8.64)                       | 7.01              | (5.23 - 9.34)                       |
| Montgomery            | 2.19                | (1.43 - 3.35)                         | 10.62               | (7.73 - 14.42)                        | 5.40              | (3.92 - 7.39)                       | 6.00              | (4.52 - 7.92)                       |
| North Central         | 2.43                | (1.56 - 3.77)                         | 12.08               | (8.49 - 16.89)                        | 5.32              | (3.79 - 7.44)                       | 6.19              | (4.56 - 8.36)                       |
| Northeast             | *                   | (* - *)                               | 11.15               | (7.91 - 15.48)                        | 5.66              | (3.98 - 7.98)                       | 6.36              | (4.64 - 8.65)                       |
| Prince George's       | 1.82                | (1.13 - 2.92)                         | 12.91               | (9.37 - 17.53)                        | 7.21              | (5.17 - 9.98)                       | 8.10              | (6.07 - 10.72)                      |
| South                 | 2.18                | (1.41 - 3.37)                         | 10.64               | (7.52 - 14.83)                        | 5.83              | (4.14 - 8.14)                       | 6.54              | (4.83 - 8.81)                       |
| West                  | 2.62                | (1.71 - 4.01)                         | 12.16               | (8.57 - 16.97)                        | 5.41              | (3.88 - 7.50)                       | 6.31              | (4.69 - 8.43)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 2.70                | (2.01 - 3.60)                         | 13.03               | (11.05 - 15.30)                       | 6.71              | (5.57 - 8.05)                       | 7.64              | (6.57 - 8.88)                       |
| Boston                | 2.36                | (1.54 - 3.61)                         | 14.96               | (10.92 - 20.14)                       | 8.41              | (6.12 - 11.43)                      | 9.77              | (7.45 - 12.71)                      |
| Central               | 2.74                | (1.81 - 4.14)                         | 12.67               | (9.22 - 17.16)                        | 6.70              | (4.96 - 9.00)                       | 7.56              | (5.80 - 9.81)                       |
| Metrowest             | 2.67                | (1.78 - 4.00)                         | 13.70               | (10.07 - 18.38)                       | 6.52              | (4.86 - 8.69)                       | 7.49              | (5.80 - 9.63)                       |
| Northeast             | 2.84                | (1.89 - 4.24)                         | 11.36               | (8.42 - 15.15)                        | 6.03              | (4.46 - 8.10)                       | 6.73              | (5.17 - 8.72)                       |
| Southeast             | 2.73                | (1.79 - 4.12)                         | 12.11               | (8.82 - 16.40)                        | 6.52              | (4.79 - 8.81)                       | 7.24              | (5.52 - 9.43)                       |
| Western               | 2.64                | (1.75 - 3.98)                         | 13.03               | (9.66 - 17.34)                        | 6.83              | (4.93 - 9.38)                       | 7.87              | (5.97 - 10.30)                      |
| <b>Michigan</b>       | 2.37                | (1.88 - 2.97)                         | 11.09               | (9.81 - 12.53)                        | 5.17              | (4.48 - 5.96)                       | 6.03              | (5.38 - 6.76)                       |
| Region 1              | 2.50                | (1.66 - 3.76)                         | 12.38               | (8.91 - 16.94)                        | 4.46              | (3.18 - 6.20)                       | 5.58              | (4.18 - 7.42)                       |
| Region 2              | *                   | (* - *)                               | 9.83                | (6.87 - 13.88)                        | 4.19              | (3.01 - 5.82)                       | 4.80              | (3.55 - 6.46)                       |
| Region 3              | 2.45                | (1.68 - 3.57)                         | 11.84               | (9.12 - 15.24)                        | 5.86              | (4.51 - 7.57)                       | 6.77              | (5.43 - 8.41)                       |
| Region 4              | 2.54                | (1.74 - 3.69)                         | 10.29               | (7.69 - 13.65)                        | 4.86              | (3.66 - 6.43)                       | 5.68              | (4.45 - 7.22)                       |
| Region 5              | 2.64                | (1.85 - 3.76)                         | 13.48               | (10.79 - 16.71)                       | 5.28              | (4.12 - 6.73)                       | 6.67              | (5.49 - 8.08)                       |
| Region 6              | 2.09                | (1.39 - 3.14)                         | 10.58               | (7.71 - 14.34)                        | 4.20              | (3.06 - 5.74)                       | 5.26              | (4.02 - 6.86)                       |
| Region 7              | 1.97                | (1.36 - 2.85)                         | 10.24               | (7.94 - 13.12)                        | 5.86              | (4.53 - 7.54)                       | 6.51              | (5.22 - 8.10)                       |
| Region 8              | 2.45                | (1.68 - 3.57)                         | 9.57                | (7.12 - 12.75)                        | 4.65              | (3.49 - 6.17)                       | 5.26              | (4.08 - 6.75)                       |
| Region 9              | 2.36                | (1.61 - 3.45)                         | 9.57                | (7.05 - 12.85)                        | 5.07              | (3.74 - 6.83)                       | 5.64              | (4.30 - 7.35)                       |
| Region 10             | 2.48                | (1.69 - 3.63)                         | 10.93               | (8.00 - 14.76)                        | 5.64              | (4.20 - 7.53)                       | 6.35              | (4.89 - 8.21)                       |
| <b>Minnesota</b>      | 2.15                | (1.56 - 2.94)                         | 12.53               | (10.70 - 14.63)                       | 5.08              | (4.18 - 6.17)                       | 6.11              | (5.22 - 7.15)                       |
| Regions 1 and 2       | 2.30                | (1.55 - 3.40)                         | 14.26               | (10.74 - 18.68)                       | 5.11              | (3.72 - 6.96)                       | 6.32              | (4.83 - 8.24)                       |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | 4.80              | (3.30 - 6.94)                       | 5.83              | (4.18 - 8.08)                       |
| Region 2              | *                   | (* - *)                               | *                   | (* - *)                               | 5.29              | (3.63 - 7.64)                       | 6.61              | (4.79 - 9.06)                       |
| Regions 3 and 4       | 2.29                | (1.56 - 3.34)                         | 12.01               | (9.24 - 15.47)                        | 4.74              | (3.58 - 6.26)                       | 5.78              | (4.55 - 7.31)                       |
| Region 3              | *                   | (* - *)                               | *                   | (* - *)                               | 4.61              | (3.16 - 6.66)                       | 5.62              | (4.03 - 7.79)                       |
| Region 4              | 2.29                | (1.49 - 3.53)                         | 11.97               | (8.67 - 16.29)                        | 4.82              | (3.46 - 6.68)                       | 5.86              | (4.41 - 7.75)                       |
| Regions 5 and 6       | 2.43                | (1.65 - 3.55)                         | 14.52               | (11.54 - 18.12)                       | 5.32              | (4.05 - 6.95)                       | 6.66              | (5.34 - 8.28)                       |
| Region 5              | 2.47                | (1.56 - 3.89)                         | 15.18               | (11.35 - 20.00)                       | 5.13              | (3.64 - 7.19)                       | 6.60              | (4.99 - 8.68)                       |
| Region 6              | *                   | (* - *)                               | 13.85               | (10.03 - 18.81)                       | 5.51              | (3.95 - 7.64)                       | 6.72              | (5.06 - 8.88)                       |
| Region 7              | 1.99                | (1.40 - 2.82)                         | 11.66               | (9.52 - 14.21)                        | 5.10              | (4.10 - 6.33)                       | 5.99              | (4.98 - 7.18)                       |
| Region 7A (Hennepin)  | 1.90                | (1.24 - 2.91)                         | 12.65               | (9.39 - 16.83)                        | 5.15              | (3.80 - 6.95)                       | 6.14              | (4.73 - 7.93)                       |
| Region 7B (Ramsey)    | 1.84                | (1.18 - 2.87)                         | 10.87               | (7.78 - 14.98)                        | 5.39              | (3.87 - 7.44)                       | 6.25              | (4.69 - 8.29)                       |
| Region 7C             | 2.11                | (1.37 - 3.23)                         | 11.07               | (8.11 - 14.94)                        | 4.93              | (3.64 - 6.65)                       | 5.72              | (4.38 - 7.45)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 1.86                | (1.36 - 2.55)                         | 8.91                | (7.44 - 10.65)                        | 4.66              | (3.81 - 5.70)                       | 5.31              | (4.48 - 6.28)                       |
| Region 1                               | 1.99                | (1.30 - 3.03)                         | 8.67                | (6.39 - 11.67)                        | 4.34              | (3.20 - 5.85)                       | 4.99              | (3.84 - 6.46)                       |
| Region 2                               | *                   | (* - *)                               | 7.24                | (5.06 - 10.25)                        | 4.64              | (3.31 - 6.47)                       | 5.04              | (3.71 - 6.81)                       |
| Region 3                               | 1.74                | (1.11 - 2.74)                         | 9.37                | (6.68 - 12.99)                        | 4.35              | (3.10 - 6.07)                       | 5.21              | (3.87 - 6.97)                       |
| Region 4                               | 1.67                | (1.08 - 2.58)                         | 8.37                | (6.01 - 11.55)                        | 5.07              | (3.67 - 6.96)                       | 5.56              | (4.17 - 7.39)                       |
| Region 5                               | *                   | (* - *)                               | *                   | (* - *)                               | 4.31              | (3.02 - 6.10)                       | 4.82              | (3.48 - 6.63)                       |
| Region 6                               | 2.08                | (1.35 - 3.21)                         | 10.20               | (7.34 - 14.01)                        | 5.55              | (3.99 - 7.67)                       | 6.28              | (4.70 - 8.34)                       |
| Region 7                               | 2.21                | (1.40 - 3.46)                         | 10.24               | (7.23 - 14.31)                        | 4.51              | (3.23 - 6.26)                       | 5.32              | (3.97 - 7.09)                       |
| <b>Missouri</b>                        | 2.35                | (1.77 - 3.13)                         | 12.21               | (10.34 - 14.36)                       | 5.44              | (4.48 - 6.60)                       | 6.41              | (5.46 - 7.51)                       |
| Central                                | 2.36                | (1.52 - 3.63)                         | 13.29               | (9.88 - 17.66)                        | 4.65              | (3.36 - 6.40)                       | 6.16              | (4.74 - 7.98)                       |
| Eastern                                | 2.29                | (1.61 - 3.24)                         | 11.96               | (9.47 - 15.00)                        | 5.80              | (4.54 - 7.38)                       | 6.64              | (5.38 - 8.17)                       |
| Eastern (St. Louis City and<br>County) | 2.10                | (1.38 - 3.17)                         | 11.17               | (8.19 - 15.06)                        | 5.87              | (4.34 - 7.89)                       | 6.60              | (5.06 - 8.56)                       |
| Eastern (excluding St. Louis)          | 2.57                | (1.68 - 3.92)                         | 13.38               | (9.82 - 17.97)                        | 5.69              | (4.14 - 7.76)                       | 6.70              | (5.09 - 8.78)                       |
| Northwest                              | 2.32                | (1.63 - 3.29)                         | 13.03               | (10.14 - 16.59)                       | 5.86              | (4.54 - 7.55)                       | 6.86              | (5.50 - 8.53)                       |
| Northwest (Jackson)                    | 2.12                | (1.40 - 3.19)                         | 12.29               | (8.91 - 16.72)                        | 6.04              | (4.35 - 8.33)                       | 6.88              | (5.16 - 9.12)                       |
| Northwest (excluding Jackson)          | 2.48                | (1.62 - 3.78)                         | 13.62               | (9.83 - 18.58)                        | 5.71              | (4.09 - 7.92)                       | 6.85              | (5.13 - 9.08)                       |
| Southeast                              | 2.62                | (1.70 - 4.04)                         | 11.38               | (8.25 - 15.50)                        | 5.35              | (3.83 - 7.41)                       | 6.16              | (4.61 - 8.20)                       |
| Southwest                              | 2.35                | (1.55 - 3.56)                         | 10.89               | (7.85 - 14.91)                        | 4.74              | (3.40 - 6.57)                       | 5.60              | (4.19 - 7.46)                       |
| <b>Montana</b>                         | 3.06                | (2.27 - 4.11)                         | 14.62               | (12.50 - 17.03)                       | 6.57              | (5.48 - 7.85)                       | 7.70              | (6.65 - 8.91)                       |
| Region 1                               | 2.67                | (1.72 - 4.13)                         | *                   | (* - *)                               | 5.57              | (3.86 - 7.96)                       | 6.43              | (4.65 - 8.83)                       |
| Region 2                               | 2.93                | (1.94 - 4.40)                         | 13.50               | (9.94 - 18.07)                        | 6.74              | (4.96 - 9.10)                       | 7.73              | (5.90 - 10.06)                      |
| Region 3                               | 3.02                | (1.99 - 4.55)                         | 14.30               | (10.77 - 18.74)                       | 7.09              | (5.38 - 9.28)                       | 8.02              | (6.31 - 10.15)                      |
| Region 4                               | 3.30                | (2.22 - 4.86)                         | 16.27               | (12.80 - 20.47)                       | 6.79              | (5.21 - 8.80)                       | 8.21              | (6.61 - 10.17)                      |
| Region 5                               | 3.07                | (2.08 - 4.52)                         | 14.35               | (11.13 - 18.31)                       | 6.21              | (4.78 - 8.04)                       | 7.36              | (5.91 - 9.14)                       |
| <b>Nebraska</b>                        | 2.53                | (1.89 - 3.37)                         | 12.76               | (10.87 - 14.94)                       | 5.82              | (4.76 - 7.11)                       | 6.88              | (5.86 - 8.07)                       |
| Regions 1 and 2                        | 2.65                | (1.84 - 3.82)                         | 11.61               | (8.72 - 15.29)                        | 5.45              | (3.99 - 7.40)                       | 6.28              | (4.79 - 8.20)                       |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | 5.83              | (3.96 - 8.52)                       | 6.69              | (4.75 - 9.36)                       |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | 5.12              | (3.51 - 7.40)                       | 5.92              | (4.23 - 8.22)                       |
| Region 3                               | 2.63                | (1.75 - 3.94)                         | 13.35               | (9.71 - 18.07)                        | 5.56              | (4.02 - 7.64)                       | 6.71              | (5.07 - 8.84)                       |
| Region 4                               | 2.67                | (1.73 - 4.08)                         | 11.46               | (8.05 - 16.05)                        | 4.91              | (3.47 - 6.88)                       | 5.84              | (4.32 - 7.85)                       |
| Region 5                               | 2.62                | (1.72 - 3.98)                         | 12.72               | (9.44 - 16.93)                        | 5.64              | (4.19 - 7.55)                       | 6.84              | (5.31 - 8.76)                       |
| Region 6                               | 2.38                | (1.63 - 3.47)                         | 13.20               | (10.49 - 16.48)                       | 6.35              | (4.87 - 8.24)                       | 7.37              | (5.94 - 9.12)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 2.96                | (2.14 - 4.08)                         | 12.14               | (10.19 - 14.40)                       | 5.38              | (4.38 - 6.61)                       | 6.28              | (5.31 - 7.41)                       |
| Clark – Region 1        | 2.98                | (2.07 - 4.27)                         | 12.13               | (9.82 - 14.89)                        | 5.26              | (4.14 - 6.66)                       | 6.18              | (5.08 - 7.49)                       |
| Region 3                | 3.03                | (2.07 - 4.39)                         | 12.25               | (9.20 - 16.12)                        | 5.78              | (4.28 - 7.77)                       | 6.54              | (5.00 - 8.50)                       |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | 5.50              | (3.73 - 8.03)                       | 6.23              | (4.38 - 8.79)                       |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | 6.05              | (4.21 - 8.63)                       | 6.82              | (4.93 - 9.37)                       |
| Washoe – Region 2       | 2.81                | (1.83 - 4.30)                         | 12.11               | (8.85 - 16.36)                        | 5.64              | (4.11 - 7.69)                       | 6.52              | (4.95 - 8.53)                       |
| <b>New Hampshire</b>    | 2.44                | (1.80 - 3.31)                         | 13.48               | (11.45 - 15.79)                       | 6.18              | (5.08 - 7.49)                       | 7.17              | (6.11 - 8.39)                       |
| Central                 | 2.40                | (1.68 - 3.43)                         | 12.99               | (10.39 - 16.12)                       | 5.92              | (4.61 - 7.56)                       | 6.94              | (5.62 - 8.53)                       |
| Central 1               | 2.33                | (1.51 - 3.59)                         | 12.41               | (9.09 - 16.73)                        | 5.72              | (4.16 - 7.83)                       | 6.80              | (5.17 - 8.89)                       |
| Central 2               | 2.46                | (1.62 - 3.73)                         | 13.70               | (10.36 - 17.92)                       | 6.10              | (4.48 - 8.25)                       | 7.07              | (5.42 - 9.18)                       |
| Northern                | 2.59                | (1.69 - 3.95)                         | 14.65               | (10.77 - 19.62)                       | 5.80              | (4.12 - 8.11)                       | 7.05              | (5.28 - 9.35)                       |
| Southern                | 2.43                | (1.72 - 3.43)                         | 13.46               | (10.85 - 16.58)                       | 6.38              | (5.09 - 7.98)                       | 7.30              | (6.03 - 8.82)                       |
| Southern 1 (Rockingham) | 2.43                | (1.59 - 3.69)                         | 13.62               | (10.01 - 18.27)                       | 5.77              | (4.24 - 7.81)                       | 6.70              | (5.13 - 8.72)                       |
| Southern 2              | 2.43                | (1.63 - 3.62)                         | 13.37               | (10.28 - 17.20)                       | 6.77              | (5.20 - 8.78)                       | 7.68              | (6.12 - 9.59)                       |
| <b>New Jersey</b>       | 2.65                | (2.03 - 3.46)                         | 11.73               | (10.03 - 13.68)                       | 4.69              | (3.90 - 5.62)                       | 5.60              | (4.84 - 6.49)                       |
| Central                 | 2.95                | (2.01 - 4.29)                         | 12.89               | (9.89 - 16.65)                        | 4.87              | (3.67 - 6.44)                       | 5.88              | (4.66 - 7.40)                       |
| Metropolitan            | 2.29                | (1.55 - 3.39)                         | 10.13               | (7.60 - 13.39)                        | 4.88              | (3.65 - 6.51)                       | 5.62              | (4.36 - 7.20)                       |
| Northern                | 2.57                | (1.77 - 3.71)                         | 11.48               | (8.97 - 14.59)                        | 4.13              | (3.13 - 5.43)                       | 5.05              | (4.02 - 6.32)                       |
| Southern                | 2.86                | (1.95 - 4.17)                         | 12.84               | (9.84 - 16.58)                        | 5.12              | (3.89 - 6.72)                       | 6.15              | (4.89 - 7.72)                       |
| <b>New Mexico</b>       | 2.75                | (2.05 - 3.68)                         | 12.21               | (10.35 - 14.36)                       | 6.69              | (5.49 - 8.12)                       | 7.49              | (6.35 - 8.80)                       |
| Region 1                | 2.74                | (1.79 - 4.16)                         | 12.52               | (9.29 - 16.68)                        | 7.28              | (5.35 - 9.84)                       | 8.04              | (6.14 - 10.47)                      |
| Region 2                | 2.66                | (1.72 - 4.09)                         | 11.44               | (8.08 - 15.96)                        | 6.00              | (4.27 - 8.36)                       | 6.64              | (4.90 - 8.94)                       |
| Region 3 (Bernalillo)   | 2.70                | (1.82 - 3.97)                         | 12.32               | (9.62 - 15.64)                        | 6.97              | (5.30 - 9.11)                       | 7.72              | (6.11 - 9.71)                       |
| Region 4                | 2.72                | (1.77 - 4.15)                         | 12.40               | (8.91 - 17.00)                        | 6.33              | (4.55 - 8.75)                       | 7.30              | (5.46 - 9.70)                       |
| Region 5                | 2.92                | (2.04 - 4.19)                         | 12.06               | (9.33 - 15.46)                        | 6.34              | (4.87 - 8.21)                       | 7.25              | (5.76 - 9.10)                       |
| Region 5a               | 2.95                | (1.93 - 4.47)                         | 13.45               | (9.60 - 18.52)                        | 6.51              | (4.66 - 9.04)                       | 7.43              | (5.52 - 9.94)                       |
| Region 5b (Dona Ana)    | 2.91                | (1.86 - 4.51)                         | 11.15               | (7.96 - 15.40)                        | 6.17              | (4.42 - 8.55)                       | 7.09              | (5.28 - 9.46)                       |

See notes at end of table.

(continued)



**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 2.35                | (1.89 - 2.91)                         | 11.04               | (9.84 - 12.35)                        | 5.93              | (5.26 - 6.67)                       | 6.67              | (6.04 - 7.35)                       |
| Region 1: Long Island                          | 2.28                | (1.59 - 3.25)                         | 9.40                | (7.15 - 12.25)                        | 5.01              | (3.91 - 6.40)                       | 5.61              | (4.51 - 6.97)                       |
| Region 2: New York City                        | 2.19                | (1.69 - 2.85)                         | 11.02               | (9.47 - 12.79)                        | 6.77              | (5.84 - 7.84)                       | 7.37              | (6.48 - 8.37)                       |
| Region 2A: Bronx                               | 2.03                | (1.36 - 3.03)                         | 9.47                | (6.99 - 12.69)                        | 6.65              | (5.09 - 8.64)                       | 7.12              | (5.61 - 9.00)                       |
| Region 2B: Kings                               | 2.14                | (1.48 - 3.08)                         | 9.87                | (7.57 - 12.77)                        | 6.87              | (5.39 - 8.72)                       | 7.30              | (5.88 - 9.03)                       |
| Region 2C: New York                            | 3.01                | (1.91 - 4.71)                         | 17.69               | (13.76 - 22.45)                       | 9.18              | (7.13 - 11.74)                      | 10.27             | (8.25 - 12.71)                      |
| Region 2D: Queens                              | 1.94                | (1.34 - 2.80)                         | 8.80                | (6.54 - 11.74)                        | 5.21              | (3.96 - 6.82)                       | 5.66              | (4.42 - 7.24)                       |
| Region 2E: Richmond                            | 2.36                | (1.58 - 3.51)                         | 9.66                | (6.74 - 13.65)                        | 5.32              | (3.86 - 7.30)                       | 5.92              | (4.41 - 7.91)                       |
| Region 3: Mid-Hudson                           | 2.41                | (1.68 - 3.45)                         | 10.05               | (7.54 - 13.29)                        | 4.99              | (3.81 - 6.51)                       | 5.72              | (4.50 - 7.24)                       |
| Region 4: Capital Region                       | 2.61                | (1.80 - 3.77)                         | 13.82               | (10.28 - 18.33)                       | 5.69              | (4.24 - 7.59)                       | 6.88              | (5.33 - 8.84)                       |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | 5.06              | (3.60 - 7.06)                       | 6.03              | (4.43 - 8.15)                       |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | 5.77              | (4.20 - 7.87)                       | 6.76              | (5.07 - 8.96)                       |
| Region 7: Tug Hill Seaway                      | *                   | (* - *)                               | *                   | (* - *)                               | 4.63              | (3.32 - 6.41)                       | 5.76              | (4.30 - 7.67)                       |
| Region 8: Central                              | 2.59                | (1.80 - 3.71)                         | 12.03               | (9.00 - 15.90)                        | 5.45              | (4.10 - 7.22)                       | 6.51              | (5.10 - 8.29)                       |
| Region 9: Southern Tier                        | 2.67                | (1.79 - 3.96)                         | 14.29               | (10.55 - 19.08)                       | 5.61              | (4.11 - 7.60)                       | 7.24              | (5.57 - 9.36)                       |
| Region 10: Finger Lakes                        | 2.63                | (1.80 - 3.81)                         | 13.07               | (9.95 - 16.99)                        | 5.90              | (4.50 - 7.70)                       | 6.98              | (5.53 - 8.77)                       |
| Region 11: Western                             | 2.33                | (1.59 - 3.39)                         | 9.54                | (7.19 - 12.56)                        | 5.23              | (4.09 - 6.68)                       | 5.87              | (4.72 - 7.27)                       |
| <b>North Carolina</b>                          | 1.76                | (1.28 - 2.40)                         | 9.59                | (8.22 - 11.16)                        | 4.62              | (3.86 - 5.52)                       | 5.32              | (4.59 - 6.16)                       |
| Alliance Behavioral<br>Healthcare 1            | 1.58                | (1.03 - 2.41)                         | 9.39                | (6.76 - 12.90)                        | 5.09              | (3.71 - 6.94)                       | 5.76              | (4.35 - 7.57)                       |
| Alliance Behavioral<br>Healthcare 2            | 1.82                | (1.16 - 2.83)                         | 10.32               | (7.40 - 14.22)                        | 4.61              | (3.33 - 6.34)                       | 5.40              | (4.07 - 7.14)                       |
| Cardinal Innovations<br>Healthcare Solutions 1 | 1.75                | (1.12 - 2.74)                         | 8.20                | (5.69 - 11.66)                        | 3.81              | (2.70 - 5.36)                       | 4.38              | (3.21 - 5.95)                       |
| Cardinal Innovations<br>Healthcare Solutions 2 | *                   | (* - *)                               | 9.38                | (6.57 - 13.23)                        | 4.53              | (3.23 - 6.31)                       | 5.25              | (3.89 - 7.05)                       |
| Cardinal Innovations<br>Healthcare Solutions 3 | 1.84                | (1.15 - 2.92)                         | 11.95               | (8.81 - 16.02)                        | 5.85              | (4.28 - 7.94)                       | 6.68              | (5.09 - 8.71)                       |
| CenterPoint Human Services                     | 1.72                | (1.08 - 2.74)                         | 8.97                | (6.26 - 12.69)                        | 4.53              | (3.20 - 6.37)                       | 5.13              | (3.76 - 6.95)                       |
| Eastpointe                                     | 1.47                | (0.94 - 2.31)                         | 7.28                | (5.09 - 10.29)                        | 4.18              | (3.00 - 5.79)                       | 4.61              | (3.41 - 6.19)                       |
| Partners Behavioral Health<br>Management       | 1.90                | (1.21 - 2.99)                         | 9.09                | (6.39 - 12.78)                        | 4.48              | (3.18 - 6.27)                       | 5.06              | (3.72 - 6.84)                       |
| Sandhills Center 1                             | *                   | (* - *)                               | 8.62                | (6.01 - 12.23)                        | 4.22              | (2.95 - 5.99)                       | 4.79              | (3.48 - 6.55)                       |
| Sandhills Center 2                             | 1.57                | (0.99 - 2.49)                         | 9.78                | (6.85 - 13.76)                        | 4.78              | (3.42 - 6.66)                       | 5.56              | (4.13 - 7.45)                       |
| Smoky Mountain Center 1                        | *                   | (* - *)                               | 10.49               | (7.46 - 14.55)                        | 3.99              | (2.81 - 5.63)                       | 4.90              | (3.62 - 6.61)                       |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | 10.23               | (7.22 - 14.30)                        | 4.76              | (3.38 - 6.66)                       | 5.35              | (3.93 - 7.25)                       |
| Trillium Health Resources 1                    | 1.58                | (0.99 - 2.52)                         | 8.89                | (6.42 - 12.20)                        | 4.67              | (3.33 - 6.51)                       | 5.34              | (3.99 - 7.11)                       |
| Trillium Health Resources 2                    | *                   | (* - *)                               | 11.02               | (7.86 - 15.25)                        | 4.76              | (3.37 - 6.68)                       | 5.79              | (4.30 - 7.76)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 2.87                | (2.18 - 3.78)                         | 12.81               | (11.05 - 14.80)                       | 5.86              | (4.87 - 7.04)                       | 7.12              | (6.17 - 8.19)                       |
| Badlands and West Central     | 3.21                | (2.23 - 4.59)                         | 12.66               | (9.88 - 16.08)                        | 6.35              | (4.98 - 8.07)                       | 7.28              | (5.89 - 8.95)                       |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | 6.80              | (4.80 - 9.55)                       | 7.89              | (5.78 - 10.67)                      |
| West Central                  | 3.21                | (2.15 - 4.77)                         | 12.25               | (9.08 - 16.31)                        | 6.22              | (4.72 - 8.15)                       | 7.10              | (5.57 - 9.00)                       |
| Lake Region                   | *                   | (* - *)                               | *                   | (* - *)                               | 5.69              | (4.03 - 7.97)                       | 6.48              | (4.75 - 8.78)                       |
| North Central                 | 3.19                | (2.11 - 4.78)                         | 12.90               | (9.30 - 17.63)                        | 5.86              | (4.22 - 8.08)                       | 7.12              | (5.36 - 9.40)                       |
| Northeast                     | 2.86                | (1.91 - 4.27)                         | 14.68               | (11.15 - 19.08)                       | 6.07              | (4.45 - 8.23)                       | 8.20              | (6.42 - 10.43)                      |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | 5.34              | (3.73 - 7.60)                       | 6.14              | (4.44 - 8.44)                       |
| South Central                 | *                   | (* - *)                               | *                   | (* - *)                               | 5.77              | (4.10 - 8.06)                       | 6.72              | (4.95 - 9.05)                       |
| Southeast                     | 2.43                | (1.61 - 3.66)                         | 12.45               | (9.87 - 15.58)                        | 5.44              | (4.06 - 7.26)                       | 6.89              | (5.51 - 8.57)                       |
| <b>Ohio</b>                   | 2.25                | (1.79 - 2.83)                         | 11.82               | (10.49 - 13.30)                       | 5.89              | (5.20 - 6.67)                       | 6.72              | (6.07 - 7.43)                       |
| Boards 2, 46, 55, and 68      | 2.46                | (1.64 - 3.67)                         | 12.93               | (9.20 - 17.88)                        | 5.66              | (4.10 - 7.76)                       | 6.65              | (4.98 - 8.83)                       |
| Boards 3, 52, and 85          | 2.32                | (1.54 - 3.48)                         | *                   | (* - *)                               | 4.92              | (3.59 - 6.70)                       | 5.62              | (4.23 - 7.44)                       |
| Boards 4 and 78               | *                   | (* - *)                               | 10.59               | (7.61 - 14.55)                        | 4.76              | (3.45 - 6.53)                       | 5.47              | (4.10 - 7.26)                       |
| Boards 5 and 60               | *                   | (* - *)                               | 13.80               | (10.19 - 18.45)                       | 5.68              | (4.16 - 7.71)                       | 7.11              | (5.45 - 9.21)                       |
| Boards 7, 15, 41, 79, and 84  | 2.32                | (1.53 - 3.49)                         | 10.87               | (7.67 - 15.17)                        | 5.17              | (3.75 - 7.09)                       | 5.85              | (4.38 - 7.78)                       |
| Boards 8, 13, and 83          | 2.35                | (1.56 - 3.52)                         | *                   | (* - *)                               | 5.00              | (3.62 - 6.88)                       | 5.72              | (4.24 - 7.67)                       |
| Board 9 (Butler)              | 2.31                | (1.54 - 3.45)                         | *                   | (* - *)                               | 5.97              | (4.37 - 8.11)                       | 7.00              | (5.30 - 9.19)                       |
| Board 12                      | *                   | (* - *)                               | 11.19               | (7.95 - 15.53)                        | 5.87              | (4.30 - 7.98)                       | 6.70              | (5.06 - 8.82)                       |
| Boards 18 and 47              | 2.16                | (1.48 - 3.13)                         | 12.44               | (9.61 - 15.96)                        | 7.18              | (5.60 - 9.16)                       | 7.88              | (6.34 - 9.76)                       |
| Boards 20, 32, 54, and 69     | 2.48                | (1.65 - 3.70)                         | 11.54               | (8.29 - 15.84)                        | 5.24              | (3.84 - 7.10)                       | 6.07              | (4.60 - 7.95)                       |
| Boards 21, 39, 51, 70, and 80 | 2.32                | (1.56 - 3.44)                         | 10.70               | (7.68 - 14.71)                        | 5.04              | (3.70 - 6.82)                       | 5.76              | (4.37 - 7.57)                       |
| Boards 22, 74, and 87         | 2.51                | (1.69 - 3.71)                         | 12.27               | (8.98 - 16.55)                        | 5.22              | (3.81 - 7.10)                       | 6.27              | (4.78 - 8.18)                       |
| Boards 23 and 45              | 2.30                | (1.52 - 3.48)                         | 10.77               | (7.81 - 14.68)                        | 5.84              | (4.30 - 7.88)                       | 6.54              | (4.98 - 8.55)                       |
| Board 25 (Franklin)           | 1.86                | (1.25 - 2.75)                         | 11.69               | (8.99 - 15.07)                        | 5.70              | (4.43 - 7.31)                       | 6.62              | (5.31 - 8.22)                       |
| Boards 27, 71, and 73         | 2.44                | (1.63 - 3.63)                         | 11.20               | (7.98 - 15.50)                        | 5.56              | (4.09 - 7.51)                       | 6.28              | (4.75 - 8.25)                       |
| Boards 28, 43, and 67         | 2.32                | (1.56 - 3.43)                         | 12.48               | (9.10 - 16.89)                        | 5.69              | (4.18 - 7.69)                       | 6.65              | (5.07 - 8.69)                       |
| Board 31 (Hamilton)           | 2.22                | (1.48 - 3.33)                         | 13.47               | (10.10 - 17.75)                       | 7.07              | (5.34 - 9.29)                       | 7.99              | (6.26 - 10.15)                      |
| Board 48 (Lucas)              | 2.21                | (1.45 - 3.35)                         | 11.23               | (8.03 - 15.50)                        | 6.19              | (4.48 - 8.49)                       | 6.94              | (5.21 - 9.20)                       |
| Boards 50 and 76              | 2.15                | (1.45 - 3.17)                         | 10.33               | (7.55 - 13.99)                        | 5.73              | (4.27 - 7.64)                       | 6.32              | (4.86 - 8.19)                       |
| Board 57 (Montgomery)         | 2.08                | (1.41 - 3.06)                         | 12.06               | (8.77 - 16.37)                        | 6.13              | (4.49 - 8.33)                       | 6.95              | (5.27 - 9.12)                       |
| Board 77 (Summit)             | 2.27                | (1.54 - 3.33)                         | 12.12               | (8.94 - 16.23)                        | 6.00              | (4.49 - 7.99)                       | 6.81              | (5.26 - 8.78)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 2.13                | (1.57 - 2.89)                         | 10.31               | (8.64 - 12.25)                        | 5.55              | (4.55 - 6.76)                       | 6.26              | (5.31 - 7.38)                       |
| Central                               | 2.37                | (1.53 - 3.67)                         | 11.44               | (8.17 - 15.81)                        | 6.30              | (4.59 - 8.60)                       | 7.13              | (5.39 - 9.37)                       |
| East Central                          | 1.96                | (1.25 - 3.05)                         | 8.34                | (5.78 - 11.90)                        | 4.39              | (3.05 - 6.28)                       | 4.96              | (3.58 - 6.82)                       |
| Northeast                             | 2.14                | (1.39 - 3.28)                         | 10.58               | (7.49 - 14.74)                        | 4.91              | (3.50 - 6.86)                       | 5.85              | (4.36 - 7.81)                       |
| Northwest and Southwest               | 2.20                | (1.43 - 3.39)                         | 10.48               | (7.59 - 14.29)                        | 5.36              | (3.88 - 7.37)                       | 6.16              | (4.65 - 8.11)                       |
| Oklahoma County                       | 2.05                | (1.33 - 3.15)                         | 10.44               | (7.55 - 14.26)                        | 6.16              | (4.50 - 8.38)                       | 6.78              | (5.14 - 8.88)                       |
| Southeast                             | 2.16                | (1.39 - 3.34)                         | 9.43                | (6.65 - 13.22)                        | 5.04              | (3.63 - 6.97)                       | 5.66              | (4.20 - 7.58)                       |
| Tulsa County                          | 2.08                | (1.35 - 3.20)                         | 10.85               | (7.85 - 14.81)                        | 6.14              | (4.42 - 8.49)                       | 6.82              | (5.09 - 9.07)                       |
| <b>Oregon</b>                         | 3.13                | (2.39 - 4.09)                         | 12.19               | (10.43 - 14.20)                       | 6.76              | (5.64 - 8.09)                       | 7.48              | (6.43 - 8.70)                       |
| Region 1 (Multnomah)                  | 2.90                | (1.92 - 4.36)                         | 11.47               | (8.51 - 15.30)                        | 7.48              | (5.65 - 9.84)                       | 7.98              | (6.19 - 10.22)                      |
| Region 2                              | 3.25                | (2.25 - 4.67)                         | 12.90               | (9.86 - 16.71)                        | 6.12              | (4.64 - 8.03)                       | 6.99              | (5.53 - 8.80)                       |
| Region 3                              | 3.15                | (2.16 - 4.56)                         | 11.88               | (9.22 - 15.17)                        | 6.99              | (5.37 - 9.05)                       | 7.74              | (6.17 - 9.66)                       |
| Region 4                              | 3.20                | (2.13 - 4.77)                         | 13.19               | (9.79 - 17.53)                        | 6.63              | (4.78 - 9.13)                       | 7.39              | (5.54 - 9.79)                       |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | 6.75              | (4.66 - 9.69)                       | 7.37              | (5.23 - 10.29)                      |
| Region 6 (Eastern)                    | *                   | (* - *)                               | *                   | (* - *)                               | 6.02              | (4.23 - 8.51)                       | 6.79              | (4.96 - 9.22)                       |
| <b>Pennsylvania</b>                   | 2.24                | (1.78 - 2.83)                         | 12.51               | (11.12 - 14.05)                       | 5.21              | (4.51 - 6.00)                       | 6.20              | (5.55 - 6.93)                       |
| Region 1 (Allegheny)                  | 2.11                | (1.41 - 3.13)                         | 13.08               | (9.73 - 17.36)                        | 5.59              | (4.20 - 7.40)                       | 6.53              | (5.09 - 8.33)                       |
| Regions 3, 8, 9, and 51               | 2.56                | (1.72 - 3.78)                         | 14.64               | (11.00 - 19.23)                       | 5.30              | (3.89 - 7.18)                       | 6.56              | (5.05 - 8.49)                       |
| Regions 4, 11, 37, and 49             | 2.23                | (1.50 - 3.30)                         | 10.50               | (7.66 - 14.22)                        | 4.46              | (3.28 - 6.05)                       | 5.27              | (4.02 - 6.87)                       |
| Regions 5, 18, 23, 24, and 46         | 2.10                | (1.39 - 3.15)                         | 10.06               | (7.29 - 13.71)                        | 4.33              | (3.18 - 5.86)                       | 5.06              | (3.87 - 6.60)                       |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 2.33                | (1.58 - 3.42)                         | 15.30               | (11.77 - 19.65)                       | 4.99              | (3.67 - 6.76)                       | 6.88              | (5.40 - 8.71)                       |
| Regions 7, 13, 20, and 33             | 2.45                | (1.71 - 3.50)                         | 13.30               | (10.49 - 16.73)                       | 5.19              | (4.03 - 6.65)                       | 6.23              | (5.06 - 7.66)                       |
| Regions 10, 15, 27, 32, 43, and 44    | 2.22                | (1.47 - 3.35)                         | 10.72               | (7.71 - 14.72)                        | 4.37              | (3.15 - 6.03)                       | 5.13              | (3.84 - 6.81)                       |
| Regions 17 and 21                     | *                   | (* - *)                               | 12.10               | (8.79 - 16.43)                        | 5.33              | (3.87 - 7.30)                       | 6.34              | (4.79 - 8.35)                       |
| Regions 19, 26, 28, and 42            | 2.12                | (1.48 - 3.04)                         | 10.54               | (7.94 - 13.87)                        | 4.87              | (3.69 - 6.39)                       | 5.61              | (4.41 - 7.10)                       |
| Regions 22, 38, 40, 41, and 48        | 2.57                | (1.72 - 3.83)                         | 13.84               | (10.31 - 18.32)                       | 5.13              | (3.75 - 6.97)                       | 6.11              | (4.66 - 7.96)                       |
| Regions 29 and 34                     | 2.13                | (1.43 - 3.16)                         | 10.79               | (7.74 - 14.85)                        | 5.00              | (3.60 - 6.91)                       | 5.79              | (4.32 - 7.71)                       |
| Regions 30 and 50                     | 2.35                | (1.57 - 3.51)                         | 13.23               | (9.68 - 17.82)                        | 5.27              | (3.87 - 7.13)                       | 6.27              | (4.78 - 8.18)                       |
| Region 36 (Philadelphia)              | 1.83                | (1.21 - 2.75)                         | 12.65               | (9.83 - 16.14)                        | 6.59              | (5.05 - 8.56)                       | 7.62              | (6.08 - 9.52)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 2.53                | (1.87 - 3.42)                         | 12.88               | (10.87 - 15.21)                       | 6.42              | (5.24 - 7.83)                       | 7.42              | (6.29 - 8.74)                       |
| Region 1: Southern Providence<br>County                   | 2.50                | (1.61 - 3.86)                         | 12.20               | (8.80 - 16.68)                        | 5.71              | (4.12 - 7.86)                       | 6.57              | (4.94 - 8.68)                       |
| Region 2: Northern Providence<br>County/Blackstone Valley | 2.39                | (1.57 - 3.61)                         | 10.36               | (7.39 - 14.35)                        | 5.80              | (4.21 - 7.93)                       | 6.38              | (4.79 - 8.45)                       |
| Region 3: Providence                                      | 2.15                | (1.37 - 3.36)                         | 11.71               | (8.58 - 15.78)                        | 7.18              | (5.19 - 9.86)                       | 8.37              | (6.37 - 10.92)                      |
| Region 4: Kent County                                     | 2.87                | (1.85 - 4.41)                         | 14.64               | (10.73 - 19.66)                       | 6.36              | (4.65 - 8.65)                       | 7.31              | (5.54 - 9.58)                       |
| Region 5: East Bay                                        | 2.83                | (1.80 - 4.43)                         | *                   | (* - *)                               | 7.56              | (5.45 - 10.38)                      | 8.67              | (6.50 - 11.47)                      |
| Region 6: Newport County                                  | *                   | (* - *)                               | *                   | (* - *)                               | 6.90              | (4.83 - 9.77)                       | 8.04              | (5.88 - 10.91)                      |
| Region 7: South County                                    | 2.67                | (1.73 - 4.09)                         | 14.72               | (10.62 - 20.05)                       | 6.53              | (4.68 - 9.05)                       | 7.94              | (5.96 - 10.51)                      |
| <b>South Carolina</b>                                     | 2.27                | (1.70 - 3.04)                         | 10.98               | (9.25 - 13.00)                        | 5.60              | (4.63 - 6.74)                       | 6.35              | (5.42 - 7.42)                       |
| Region 1                                                  | 2.42                | (1.61 - 3.61)                         | 10.57               | (8.02 - 13.80)                        | 5.22              | (3.92 - 6.91)                       | 5.97              | (4.67 - 7.59)                       |
| Region 2                                                  | 2.12                | (1.43 - 3.12)                         | 11.36               | (8.63 - 14.82)                        | 5.21              | (3.92 - 6.91)                       | 6.12              | (4.81 - 7.77)                       |
| Region 3                                                  | 1.98                | (1.31 - 2.99)                         | 8.80                | (6.29 - 12.19)                        | 4.77              | (3.46 - 6.54)                       | 5.29              | (3.96 - 7.02)                       |
| Region 4                                                  | 2.43                | (1.60 - 3.70)                         | 12.41               | (9.28 - 16.41)                        | 6.92              | (5.26 - 9.06)                       | 7.68              | (6.04 - 9.72)                       |
| <b>South Dakota</b>                                       | 3.12                | (2.35 - 4.14)                         | 14.01               | (11.96 - 16.33)                       | 6.88              | (5.73 - 8.23)                       | 7.93              | (6.84 - 9.19)                       |
| Region 1                                                  | 3.04                | (2.01 - 4.56)                         | 14.59               | (11.04 - 19.04)                       | 7.23              | (5.48 - 9.47)                       | 8.27              | (6.51 - 10.46)                      |
| Region 2                                                  | 3.10                | (1.99 - 4.78)                         | *                   | (* - *)                               | 7.48              | (5.29 - 10.48)                      | 8.39              | (6.17 - 11.31)                      |
| Region 3                                                  | 2.91                | (1.95 - 4.34)                         | 14.16               | (10.77 - 18.41)                       | 6.33              | (4.72 - 8.44)                       | 7.64              | (5.99 - 9.70)                       |
| Region 4                                                  | 3.44                | (2.30 - 5.11)                         | 14.25               | (10.47 - 19.11)                       | 6.01              | (4.35 - 8.24)                       | 7.33              | (5.58 - 9.57)                       |
| Region 5                                                  | 3.22                | (2.21 - 4.67)                         | 13.11               | (10.07 - 16.90)                       | 7.24              | (5.58 - 9.35)                       | 8.04              | (6.40 - 10.06)                      |
| <b>Tennessee</b>                                          | 1.96                | (1.39 - 2.76)                         | 10.41               | (8.71 - 12.41)                        | 4.64              | (3.76 - 5.72)                       | 5.45              | (4.58 - 6.47)                       |
| Region 1                                                  | *                   | (* - *)                               | 9.26                | (6.45 - 13.10)                        | 4.22              | (2.95 - 6.01)                       | 4.85              | (3.53 - 6.63)                       |
| Region 2                                                  | 2.08                | (1.32 - 3.26)                         | 10.39               | (7.42 - 14.36)                        | 4.33              | (3.13 - 5.95)                       | 5.12              | (3.86 - 6.75)                       |
| Region 3                                                  | 2.12                | (1.32 - 3.37)                         | 10.47               | (7.51 - 14.40)                        | 4.09              | (2.91 - 5.72)                       | 4.95              | (3.70 - 6.60)                       |
| Region 4 (Davidson)                                       | *                   | (* - *)                               | 12.28               | (8.63 - 17.18)                        | 5.81              | (4.15 - 8.07)                       | 6.78              | (5.03 - 9.08)                       |
| Region 5                                                  | 2.03                | (1.29 - 3.18)                         | 10.18               | (7.43 - 13.80)                        | 4.74              | (3.46 - 6.46)                       | 5.51              | (4.18 - 7.21)                       |
| Region 6                                                  | 2.02                | (1.27 - 3.19)                         | 10.63               | (7.54 - 14.79)                        | 4.70              | (3.30 - 6.64)                       | 5.54              | (4.07 - 7.50)                       |
| Region 7 (Shelby)                                         | 1.49                | (0.93 - 2.39)                         | 9.88                | (7.06 - 13.67)                        | 4.88              | (3.47 - 6.82)                       | 5.68              | (4.23 - 7.57)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 2.67                | (2.15 - 3.32)                         | 10.33               | (9.25 - 11.52)                        | 5.05              | (4.48 - 5.69)                       | 5.87              | (5.34 - 6.46)                       |
| Region 1                                                    | 3.03                | (2.03 - 4.50)                         | 11.84               | (8.57 - 16.15)                        | 5.80              | (4.28 - 7.83)                       | 6.85              | (5.23 - 8.92)                       |
| Region 2                                                    | 3.00                | (1.99 - 4.49)                         | 11.35               | (8.19 - 15.53)                        | 5.49              | (4.02 - 7.46)                       | 6.41              | (4.86 - 8.41)                       |
| Region 3                                                    | 2.60                | (1.96 - 3.44)                         | 9.79                | (8.15 - 11.71)                        | 4.72              | (3.93 - 5.67)                       | 5.46              | (4.67 - 6.37)                       |
| Region 3a                                                   | 2.58                | (1.84 - 3.63)                         | 10.04               | (8.03 - 12.48)                        | 4.78              | (3.79 - 6.01)                       | 5.54              | (4.57 - 6.72)                       |
| Region 3bc                                                  | 2.62                | (1.85 - 3.71)                         | 9.34                | (7.07 - 12.24)                        | 4.62              | (3.57 - 5.97)                       | 5.31              | (4.24 - 6.64)                       |
| Region 4                                                    | 2.72                | (1.83 - 4.05)                         | 9.37                | (6.82 - 12.76)                        | 4.58              | (3.40 - 6.12)                       | 5.24              | (4.02 - 6.79)                       |
| Region 5                                                    | 2.67                | (1.78 - 3.99)                         | 11.52               | (8.31 - 15.76)                        | 4.98              | (3.67 - 6.72)                       | 5.95              | (4.53 - 7.76)                       |
| Region 6                                                    | 2.53                | (1.86 - 3.44)                         | 9.84                | (7.96 - 12.10)                        | 4.76              | (3.88 - 5.82)                       | 5.52              | (4.65 - 6.54)                       |
| Region 6a                                                   | 2.53                | (1.82 - 3.50)                         | 9.85                | (7.84 - 12.31)                        | 4.77              | (3.83 - 5.92)                       | 5.54              | (4.61 - 6.65)                       |
| Region 6bc                                                  | 2.57                | (1.73 - 3.82)                         | 9.67                | (6.77 - 13.62)                        | 4.66              | (3.38 - 6.39)                       | 5.34              | (3.99 - 7.12)                       |
| Region 7                                                    | 2.72                | (1.98 - 3.72)                         | 11.82               | (9.64 - 14.41)                        | 5.83              | (4.72 - 7.17)                       | 6.86              | (5.75 - 8.16)                       |
| Region 7a                                                   | 2.91                | (1.97 - 4.27)                         | 14.06               | (10.89 - 17.95)                       | 6.53              | (5.03 - 8.43)                       | 7.69              | (6.15 - 9.57)                       |
| Region 7bcd                                                 | 2.38                | (1.59 - 3.55)                         | 8.85                | (6.40 - 12.10)                        | 4.51              | (3.35 - 6.05)                       | 5.39              | (4.17 - 6.95)                       |
| Region 8                                                    | 2.78                | (1.91 - 4.02)                         | 11.05               | (8.49 - 14.27)                        | 5.46              | (4.29 - 6.93)                       | 6.33              | (5.14 - 7.77)                       |
| Region 9                                                    | *                   | (* - *)                               | 12.39               | (8.82 - 17.13)                        | 6.14              | (4.40 - 8.50)                       | 7.13              | (5.30 - 9.53)                       |
| Region 10                                                   | 2.77                | (1.86 - 4.11)                         | 10.73               | (7.72 - 14.72)                        | 5.40              | (3.87 - 7.50)                       | 6.34              | (4.74 - 8.43)                       |
| Region 11                                                   | 2.72                | (1.97 - 3.74)                         | 8.51                | (6.58 - 10.94)                        | 4.82              | (3.77 - 6.14)                       | 5.45              | (4.40 - 6.74)                       |
| Region 11abd                                                | 2.61                | (1.78 - 3.83)                         | 8.55                | (6.17 - 11.75)                        | 4.71              | (3.47 - 6.36)                       | 5.35              | (4.09 - 6.97)                       |
| Region 11c (Hidalgo)                                        | 2.88                | (1.92 - 4.29)                         | 8.44                | (5.93 - 11.88)                        | 5.01              | (3.62 - 6.90)                       | 5.63              | (4.20 - 7.51)                       |
| <b>Utah</b>                                                 | 1.93                | (1.35 - 2.75)                         | 8.83                | (7.22 - 10.76)                        | 3.81              | (3.03 - 4.78)                       | 4.74              | (3.96 - 5.66)                       |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | 1.90                | (1.18 - 3.05)                         | 8.51                | (5.86 - 12.21)                        | 3.74              | (2.59 - 5.37)                       | 4.65              | (3.39 - 6.35)                       |
| Central, Four Corners, San<br>Juan, and Southwest           | 2.00                | (1.30 - 3.07)                         | 8.93                | (6.48 - 12.18)                        | 3.68              | (2.68 - 5.04)                       | 4.61              | (3.50 - 6.04)                       |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | 3.50              | (2.35 - 5.17)                       | 4.33              | (3.04 - 6.12)                       |
| Southwest                                                   | *                   | (* - *)                               | 9.31                | (6.30 - 13.56)                        | 3.80              | (2.61 - 5.48)                       | 4.78              | (3.45 - 6.60)                       |
| Davis County                                                | 1.90                | (1.18 - 3.04)                         | 8.71                | (5.91 - 12.65)                        | 3.52              | (2.43 - 5.07)                       | 4.40              | (3.19 - 6.06)                       |
| Salt Lake County                                            | 1.95                | (1.26 - 3.00)                         | 9.43                | (7.12 - 12.39)                        | 3.96              | (2.98 - 5.25)                       | 4.85              | (3.83 - 6.12)                       |
| Utah County                                                 | 1.89                | (1.18 - 3.01)                         | 8.30                | (5.89 - 11.59)                        | 3.73              | (2.65 - 5.21)                       | 4.88              | (3.66 - 6.48)                       |
| Weber, Morgan                                               | 1.93                | (1.20 - 3.09)                         | 8.45                | (5.82 - 12.10)                        | 3.90              | (2.66 - 5.67)                       | 4.66              | (3.34 - 6.45)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 2.86                | (2.15 - 3.79)                         | 15.30               | (12.86 - 18.11)                       | 5.99              | (4.89 - 7.31)                       | 7.37              | (6.28 - 8.63)                       |
| Champlain Valley                      | 2.71                | (1.85 - 3.93)                         | 16.28               | (12.93 - 20.30)                       | 5.80              | (4.43 - 7.56)                       | 7.63              | (6.19 - 9.37)                       |
| Rural Northeast                       | 3.06                | (2.06 - 4.52)                         | 15.23               | (11.11 - 20.52)                       | 6.61              | (4.83 - 8.99)                       | 7.80              | (5.95 - 10.16)                      |
| Rural Southeast                       | 2.93                | (1.96 - 4.36)                         | 13.49               | (9.88 - 18.14)                        | 5.93              | (4.35 - 8.04)                       | 6.82              | (5.20 - 8.90)                       |
| Rural Southwest                       | 2.86                | (1.89 - 4.31)                         | 14.31               | (10.18 - 19.74)                       | 5.58              | (4.00 - 7.74)                       | 6.81              | (5.08 - 9.06)                       |
| <b>Virginia</b>                       | 2.06                | (1.55 - 2.73)                         | 11.22               | (9.72 - 12.92)                        | 5.23              | (4.41 - 6.19)                       | 6.08              | (5.31 - 6.95)                       |
| Region 1                              | 2.09                | (1.38 - 3.16)                         | 10.21               | (7.62 - 13.55)                        | 5.12              | (3.83 - 6.80)                       | 5.92              | (4.62 - 7.55)                       |
| Region 2                              | 2.09                | (1.41 - 3.10)                         | 10.32               | (7.97 - 13.26)                        | 5.05              | (3.88 - 6.56)                       | 5.67              | (4.51 - 7.10)                       |
| Region 3                              | 2.28                | (1.55 - 3.33)                         | 11.43               | (8.81 - 14.71)                        | 4.81              | (3.63 - 6.35)                       | 5.78              | (4.58 - 7.27)                       |
| Region 4                              | 2.01                | (1.34 - 3.01)                         | 11.78               | (8.97 - 15.33)                        | 5.21              | (3.90 - 6.92)                       | 6.15              | (4.82 - 7.83)                       |
| Region 5                              | 1.86                | (1.23 - 2.79)                         | 12.24               | (9.40 - 15.80)                        | 5.89              | (4.53 - 7.62)                       | 6.88              | (5.51 - 8.56)                       |
| <b>Washington</b>                     | 2.26                | (1.66 - 3.07)                         | 10.87               | (9.17 - 12.83)                        | 5.04              | (4.11 - 6.15)                       | 5.84              | (4.94 - 6.89)                       |
| Region 1                              | 2.51                | (1.70 - 3.68)                         | 11.47               | (8.87 - 14.72)                        | 5.10              | (3.85 - 6.71)                       | 6.11              | (4.83 - 7.71)                       |
| Greater Columbia and North<br>Central | 2.53                | (1.61 - 3.95)                         | 11.19               | (8.16 - 15.17)                        | 4.93              | (3.53 - 6.83)                       | 6.00              | (4.54 - 7.89)                       |
| Spokane                               | 2.47                | (1.57 - 3.86)                         | 11.96               | (8.36 - 16.84)                        | 5.33              | (3.72 - 7.59)                       | 6.28              | (4.57 - 8.57)                       |
| Region 2                              | 2.11                | (1.47 - 3.01)                         | 10.38               | (8.15 - 13.12)                        | 4.96              | (3.89 - 6.30)                       | 5.66              | (4.59 - 6.96)                       |
| King                                  | 2.15                | (1.40 - 3.27)                         | 11.08               | (8.18 - 14.84)                        | 5.19              | (3.92 - 6.84)                       | 5.92              | (4.63 - 7.55)                       |
| North Sound                           | 2.05                | (1.31 - 3.20)                         | 9.24                | (6.61 - 12.77)                        | 4.55              | (3.25 - 6.31)                       | 5.19              | (3.86 - 6.94)                       |
| Region 3                              | 2.27                | (1.63 - 3.16)                         | 11.07               | (8.97 - 13.57)                        | 5.11              | (4.01 - 6.49)                       | 5.91              | (4.82 - 7.24)                       |
| Pierce                                | 2.25                | (1.47 - 3.44)                         | 11.18               | (8.29 - 14.92)                        | 5.55              | (4.05 - 7.57)                       | 6.37              | (4.86 - 8.32)                       |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | 4.65              | (3.19 - 6.73)                       | 5.56              | (3.97 - 7.72)                       |
| SW WA and Great Rivers                | *                   | (* - *)                               | 10.61               | (7.47 - 14.85)                        | 4.79              | (3.39 - 6.72)                       | 5.54              | (4.07 - 7.49)                       |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 6.01              | (4.27 - 8.40)                       |

See notes at end of table.

(continued)

**Table 9 Alcohol Use Disorder in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 2.66                | (1.95 - 3.62)                         | 11.49               | (9.63 - 13.66)                        | 4.30              | (3.41 - 5.42)                       | 5.23              | (4.35 - 6.28)                       |
| Region I                      | *                   | (* - *)                               | *                   | (* - *)                               | 4.53              | (3.07 - 6.64)                       | 5.36              | (3.81 - 7.49)                       |
| Region II                     | 2.49                | (1.62 - 3.79)                         | 10.01               | (6.95 - 14.19)                        | 4.20              | (2.94 - 5.98)                       | 4.95              | (3.62 - 6.74)                       |
| Region III                    | 2.60                | (1.64 - 4.11)                         | 10.15               | (7.17 - 14.17)                        | 4.09              | (2.79 - 5.97)                       | 4.77              | (3.42 - 6.61)                       |
| Region IV                     | 2.68                | (1.76 - 4.05)                         | 14.15               | (10.80 - 18.33)                       | 4.31              | (3.10 - 5.95)                       | 5.96              | (4.62 - 7.66)                       |
| Region V                      | 2.87                | (1.89 - 4.33)                         | 11.28               | (8.41 - 14.98)                        | 4.52              | (3.25 - 6.25)                       | 5.32              | (4.03 - 6.99)                       |
| Region VI                     | 2.53                | (1.67 - 3.82)                         | 9.02                | (6.45 - 12.48)                        | 4.04              | (2.87 - 5.66)                       | 4.60              | (3.41 - 6.18)                       |
| <b>Wisconsin</b>              | 3.10                | (2.34 - 4.09)                         | 14.96               | (12.84 - 17.35)                       | 6.63              | (5.49 - 7.97)                       | 7.81              | (6.70 - 9.08)                       |
| Milwaukee                     | 2.41                | (1.57 - 3.67)                         | 13.83               | (10.42 - 18.14)                       | 7.31              | (5.35 - 9.92)                       | 8.40              | (6.45 - 10.88)                      |
| Northeastern                  | 3.13                | (2.06 - 4.74)                         | 12.82               | (9.49 - 17.10)                        | 5.62              | (4.17 - 7.54)                       | 6.57              | (5.06 - 8.48)                       |
| Northern                      | 2.96                | (1.92 - 4.54)                         | 14.34               | (10.17 - 19.85)                       | 5.70              | (4.02 - 8.03)                       | 6.78              | (4.99 - 9.17)                       |
| Southeastern                  | 3.50                | (2.37 - 5.15)                         | 15.36               | (11.44 - 20.30)                       | 7.36              | (5.50 - 9.78)                       | 8.43              | (6.53 - 10.82)                      |
| Southern                      | 3.13                | (2.12 - 4.60)                         | 16.02               | (12.33 - 20.56)                       | 6.95              | (5.22 - 9.21)                       | 8.24              | (6.48 - 10.42)                      |
| Western                       | 3.32                | (2.22 - 4.94)                         | 17.70               | (13.26 - 23.22)                       | 6.49              | (4.72 - 8.86)                       | 8.20              | (6.30 - 10.62)                      |
| <b>Wyoming</b>                | 3.11                | (2.34 - 4.11)                         | 13.41               | (11.37 - 15.75)                       | 6.04              | (4.98 - 7.32)                       | 7.10              | (6.06 - 8.30)                       |
| Judicial District 1 (Laramie) | 3.37                | (2.24 - 5.06)                         | 13.47               | (9.91 - 18.04)                        | 5.89              | (4.35 - 7.92)                       | 6.90              | (5.32 - 8.90)                       |
| Judicial District 2           | 2.98                | (1.92 - 4.60)                         | 13.54               | (10.00 - 18.09)                       | 6.18              | (4.38 - 8.66)                       | 8.16              | (6.21 - 10.66)                      |
| Judicial District 3           | 2.99                | (2.00 - 4.46)                         | 12.63               | (9.13 - 17.23)                        | 6.34              | (4.65 - 8.60)                       | 7.20              | (5.46 - 9.46)                       |
| Judicial District 4           | *                   | (* - *)                               | *                   | (* - *)                               | 5.14              | (3.56 - 7.35)                       | 6.04              | (4.36 - 8.31)                       |
| Judicial District 5           | 2.98                | (1.96 - 4.49)                         | 12.07               | (8.55 - 16.79)                        | 5.10              | (3.63 - 7.13)                       | 5.95              | (4.40 - 8.01)                       |
| Judicial District 6           | 3.26                | (2.15 - 4.92)                         | 12.41               | (9.02 - 16.83)                        | 6.46              | (4.65 - 8.91)                       | 7.28              | (5.44 - 9.68)                       |
| Judicial District 7 (Natrona) | 3.14                | (2.08 - 4.70)                         | 14.10               | (10.29 - 19.03)                       | 6.35              | (4.64 - 8.63)                       | 7.38              | (5.62 - 9.64)                       |
| Judicial District 8           | 2.93                | (1.91 - 4.47)                         | 12.40               | (8.78 - 17.23)                        | 5.08              | (3.54 - 7.23)                       | 6.00              | (4.38 - 8.18)                       |
| Judicial District 9           | 3.14                | (2.01 - 4.85)                         | *                   | (* - *)                               | 6.88              | (4.90 - 9.57)                       | 7.99              | (5.93 - 10.68)                      |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: Alcohol Use Disorder is defined as meeting criteria for alcohol dependence or abuse. Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 10 *Serious Mental Illness in the Past Year*, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**

| State/Substate Region      | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 5.24                | (5.00 - 5.49)                         | 3.93              | (3.78 - 4.09)                       | 4.12              | (3.98 - 4.26)                       |
| <b>Northeast</b>           | 5.46                | (5.00 - 5.95)                         | 3.81              | (3.49 - 4.16)                       | 4.04              | (3.75 - 4.35)                       |
| <b>Midwest</b>             | 5.65                | (5.27 - 6.06)                         | 4.16              | (3.88 - 4.46)                       | 4.38              | (4.12 - 4.64)                       |
| <b>South</b>               | 4.82                | (4.50 - 5.17)                         | 3.90              | (3.65 - 4.16)                       | 4.03              | (3.80 - 4.27)                       |
| <b>West</b>                | 5.36                | (4.91 - 5.85)                         | 3.86              | (3.56 - 4.18)                       | 4.08              | (3.81 - 4.37)                       |
| <b>Alabama</b>             | 5.08                | (4.04 - 6.37)                         | 4.40              | (3.54 - 5.45)                       | 4.50              | (3.73 - 5.42)                       |
| Region 1                   | 5.25                | (3.74 - 7.32)                         | 4.63              | (3.43 - 6.21)                       | 4.71              | (3.60 - 6.14)                       |
| Region 2                   | 5.56                | (3.99 - 7.70)                         | 4.69              | (3.45 - 6.33)                       | 4.81              | (3.67 - 6.30)                       |
| Region 3                   | 4.56                | (3.21 - 6.44)                         | 4.01              | (2.90 - 5.52)                       | 4.11              | (3.10 - 5.42)                       |
| Region 4                   | 4.65                | (3.25 - 6.63)                         | 4.00              | (2.89 - 5.52)                       | 4.09              | (3.05 - 5.46)                       |
| <b>Alaska</b>              | 6.54                | (5.26 - 8.10)                         | 3.82              | (3.12 - 4.68)                       | 4.25              | (3.60 - 5.01)                       |
| Anchorage                  | 6.31                | (4.68 - 8.45)                         | 3.79              | (2.88 - 4.99)                       | 4.20              | (3.32 - 5.28)                       |
| Northern                   | 6.74                | (4.82 - 9.36)                         | 4.00              | (2.95 - 5.39)                       | 4.50              | (3.51 - 5.76)                       |
| South Central              | 6.50                | (4.60 - 9.11)                         | 3.63              | (2.64 - 4.98)                       | 4.04              | (3.08 - 5.29)                       |
| Southeast                  | 7.13                | (4.91 - 10.25)                        | 4.05              | (2.92 - 5.61)                       | 4.44              | (3.34 - 5.90)                       |
| <b>Arizona</b>             | 5.41                | (4.31 - 6.77)                         | 3.95              | (3.19 - 4.88)                       | 4.16              | (3.47 - 4.98)                       |
| Central                    | 5.57                | (4.18 - 7.39)                         | 3.82              | (2.96 - 4.93)                       | 4.08              | (3.28 - 5.06)                       |
| North                      | 5.51                | (3.80 - 7.91)                         | 3.96              | (2.80 - 5.56)                       | 4.17              | (3.07 - 5.63)                       |
| South                      | 5.03                | (3.77 - 6.67)                         | 4.21              | (3.22 - 5.49)                       | 4.33              | (3.42 - 5.47)                       |
| South A                    | 5.27                | (3.70 - 7.46)                         | 4.16              | (3.01 - 5.72)                       | 4.32              | (3.25 - 5.73)                       |
| South B                    | 4.74                | (3.25 - 6.87)                         | 4.27              | (3.05 - 5.95)                       | 4.34              | (3.21 - 5.85)                       |
| <b>Arkansas</b>            | 5.28                | (4.19 - 6.63)                         | 5.20              | (4.30 - 6.27)                       | 5.21              | (4.40 - 6.16)                       |
| Catchment Area 1           | 5.38                | (3.72 - 7.71)                         | 4.95              | (3.62 - 6.74)                       | 5.02              | (3.79 - 6.62)                       |
| Catchment Area 2           | 6.32                | (4.38 - 9.05)                         | 5.50              | (4.01 - 7.50)                       | 5.60              | (4.21 - 7.41)                       |
| Catchment Area 3           | 4.82                | (3.35 - 6.88)                         | 5.12              | (3.75 - 6.95)                       | 5.08              | (3.82 - 6.71)                       |
| Catchment Area 4           | 5.66                | (3.85 - 8.25)                         | 5.97              | (4.36 - 8.12)                       | 5.93              | (4.44 - 7.86)                       |
| Catchment Area 5           | 5.70                | (4.01 - 8.04)                         | 5.85              | (4.33 - 7.86)                       | 5.82              | (4.44 - 7.61)                       |
| Catchment Area 6           | 4.15                | (2.79 - 6.12)                         | 4.82              | (3.46 - 6.69)                       | 4.73              | (3.48 - 6.38)                       |
| Catchment Area 7           | *                   | (* - *)                               | 5.28              | (3.77 - 7.35)                       | 5.19              | (3.81 - 7.03)                       |
| Catchment Area 8           | 5.06                | (3.54 - 7.20)                         | 4.56              | (3.38 - 6.11)                       | 4.62              | (3.53 - 6.03)                       |

See notes at end of table.

(continued)



**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 4.85                | (4.20 - 5.60)                         | 3.41              | (3.00 - 3.87)                       | 3.62              | (3.25 - 4.04)                       |
| Region 1R                   | 5.79                | (4.09 - 8.15)                         | 4.23              | (3.13 - 5.69)                       | 4.45              | (3.40 - 5.81)                       |
| Region 2R                   | 5.84                | (4.13 - 8.18)                         | 3.51              | (2.61 - 4.70)                       | 3.86              | (2.97 - 5.01)                       |
| Region 3R (Sacramento)      | 4.72                | (3.35 - 6.61)                         | 3.38              | (2.53 - 4.51)                       | 3.58              | (2.77 - 4.62)                       |
| Region 4R                   | 4.82                | (3.42 - 6.77)                         | 3.08              | (2.28 - 4.15)                       | 3.30              | (2.53 - 4.30)                       |
| Region 5R (San Francisco)   | 5.06                | (3.57 - 7.11)                         | 3.94              | (2.93 - 5.29)                       | 4.06              | (3.08 - 5.31)                       |
| Region 6 (Santa Clara)      | 5.39                | (3.90 - 7.42)                         | 2.97              | (2.22 - 3.98)                       | 3.29              | (2.54 - 4.25)                       |
| Region 7R (Contra Costa)    | 5.22                | (3.73 - 7.26)                         | 3.13              | (2.31 - 4.22)                       | 3.40              | (2.61 - 4.42)                       |
| Region 8R (Alameda)         | 5.46                | (3.87 - 7.66)                         | 3.72              | (2.75 - 5.02)                       | 3.95              | (3.02 - 5.16)                       |
| Region 9R (San Mateo)       | 4.96                | (3.51 - 6.96)                         | 2.84              | (2.07 - 3.88)                       | 3.08              | (2.32 - 4.07)                       |
| Region 10                   | 5.74                | (4.01 - 8.14)                         | 3.57              | (2.65 - 4.80)                       | 3.93              | (3.01 - 5.11)                       |
| Region 11 (Los Angeles)     | 4.51                | (3.76 - 5.41)                         | 3.39              | (2.87 - 4.00)                       | 3.56              | (3.08 - 4.11)                       |
| LA SPA 1 and 5              | 5.44                | (3.91 - 7.54)                         | 3.57              | (2.62 - 4.85)                       | 3.85              | (2.94 - 5.03)                       |
| LA SPA 2                    | 4.76                | (3.42 - 6.58)                         | 3.33              | (2.47 - 4.47)                       | 3.53              | (2.70 - 4.59)                       |
| LA SPA 3                    | 4.25                | (3.00 - 5.99)                         | 2.86              | (2.09 - 3.91)                       | 3.06              | (2.32 - 4.04)                       |
| LA SPA 4                    | 4.86                | (3.44 - 6.83)                         | 4.25              | (3.15 - 5.72)                       | 4.33              | (3.29 - 5.68)                       |
| LA SPA 6                    | 4.07                | (2.80 - 5.88)                         | 3.63              | (2.69 - 4.87)                       | 3.72              | (2.85 - 4.84)                       |
| LA SPA 7                    | 4.10                | (2.89 - 5.80)                         | 2.93              | (2.12 - 4.04)                       | 3.13              | (2.36 - 4.14)                       |
| LA SPA 8                    | 4.29                | (3.05 - 6.02)                         | 3.52              | (2.62 - 4.71)                       | 3.63              | (2.78 - 4.73)                       |
| Region 12R                  | 4.95                | (3.48 - 6.99)                         | 3.58              | (2.65 - 4.82)                       | 3.79              | (2.90 - 4.95)                       |
| Regions 13 and 19R          | 4.63                | (3.38 - 6.31)                         | 3.36              | (2.54 - 4.44)                       | 3.57              | (2.80 - 4.55)                       |
| Region 14 (Orange)          | 5.25                | (3.82 - 7.18)                         | 3.12              | (2.38 - 4.08)                       | 3.43              | (2.71 - 4.32)                       |
| Region 15R (Fresno)         | 4.68                | (3.33 - 6.54)                         | 3.55              | (2.64 - 4.76)                       | 3.75              | (2.89 - 4.85)                       |
| Region 16R (San Diego)      | 4.58                | (3.34 - 6.27)                         | 3.54              | (2.69 - 4.64)                       | 3.70              | (2.91 - 4.70)                       |
| Region 17R                  | 4.54                | (3.28 - 6.24)                         | 3.69              | (2.82 - 4.82)                       | 3.84              | (3.03 - 4.86)                       |
| Region 18R (San Bernardino) | 4.46                | (3.22 - 6.15)                         | 3.30              | (2.50 - 4.35)                       | 3.50              | (2.74 - 4.47)                       |
| Region 20R                  | 4.65                | (3.29 - 6.54)                         | 3.71              | (2.74 - 5.01)                       | 3.87              | (2.96 - 5.05)                       |
| Region 21R                  | 5.08                | (3.57 - 7.18)                         | 3.36              | (2.49 - 4.52)                       | 3.65              | (2.81 - 4.73)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                     | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 5.94                | (4.74 - 7.40)                         | 4.19              | (3.42 - 5.12)                       | 4.44              | (3.74 - 5.27)                       |
| Region 1                                  | 5.38                | (3.74 - 7.67)                         | 4.37              | (3.19 - 5.96)                       | 4.52              | (3.42 - 5.94)                       |
| Region 2                                  | 5.72                | (3.91 - 8.30)                         | 4.89              | (3.47 - 6.84)                       | 5.02              | (3.71 - 6.75)                       |
| Region 3                                  | 6.35                | (4.54 - 8.82)                         | 3.77              | (2.77 - 5.11)                       | 4.13              | (3.18 - 5.35)                       |
| Region 4                                  | 5.03                | (3.42 - 7.33)                         | 4.53              | (3.19 - 6.40)                       | 4.60              | (3.35 - 6.29)                       |
| Region 5                                  | 5.69                | (4.04 - 7.97)                         | 4.53              | (3.27 - 6.23)                       | 4.69              | (3.52 - 6.21)                       |
| Region 6                                  | 6.75                | (4.73 - 9.54)                         | 4.03              | (2.98 - 5.42)                       | 4.41              | (3.39 - 5.72)                       |
| Region 7                                  | 5.66                | (3.87 - 8.23)                         | 4.08              | (2.94 - 5.65)                       | 4.34              | (3.25 - 5.77)                       |
| <b>Connecticut</b>                        | 5.40                | (4.27 - 6.80)                         | 3.31              | (2.64 - 4.15)                       | 3.60              | (2.97 - 4.36)                       |
| Eastern                                   | 6.37                | (4.40 - 9.14)                         | 3.74              | (2.70 - 5.16)                       | 4.20              | (3.18 - 5.52)                       |
| North Central                             | 5.14                | (3.62 - 7.24)                         | 3.38              | (2.43 - 4.68)                       | 3.62              | (2.71 - 4.81)                       |
| Northwestern                              | 5.65                | (3.90 - 8.11)                         | 3.39              | (2.46 - 4.65)                       | 3.67              | (2.77 - 4.86)                       |
| South Central                             | 5.37                | (3.81 - 7.52)                         | 3.30              | (2.35 - 4.60)                       | 3.59              | (2.69 - 4.78)                       |
| Southwest                                 | 4.79                | (3.32 - 6.86)                         | 2.88              | (2.03 - 4.08)                       | 3.14              | (2.31 - 4.25)                       |
| <b>Delaware</b>                           | 6.08                | (4.81 - 7.65)                         | 3.77              | (3.02 - 4.71)                       | 4.08              | (3.38 - 4.93)                       |
| Kent                                      | 5.14                | (3.65 - 7.19)                         | 3.66              | (2.62 - 5.10)                       | 3.89              | (2.91 - 5.17)                       |
| New Castle (excluding<br>Wilmington City) | 6.89                | (5.15 - 9.15)                         | 3.86              | (2.91 - 5.11)                       | 4.30              | (3.39 - 5.44)                       |
| Sussex                                    | 5.54                | (3.85 - 7.92)                         | 3.62              | (2.60 - 5.03)                       | 3.82              | (2.83 - 5.13)                       |
| Wilmington City                           | 4.05                | (2.73 - 5.96)                         | 3.88              | (2.69 - 5.57)                       | 3.90              | (2.80 - 5.42)                       |
| <b>District of Columbia</b>               | 5.13                | (4.04 - 6.49)                         | 3.71              | (3.03 - 4.54)                       | 3.96              | (3.33 - 4.69)                       |
| Ward 1                                    | 4.56                | (3.12 - 6.61)                         | 4.02              | (2.89 - 5.56)                       | 4.12              | (3.09 - 5.46)                       |
| Ward 2                                    | 6.78                | (4.74 - 9.60)                         | 4.39              | (3.14 - 6.11)                       | 5.01              | (3.81 - 6.56)                       |
| Ward 3                                    | 7.86                | (5.36 - 11.38)                        | 3.63              | (2.62 - 5.01)                       | 4.33              | (3.29 - 5.67)                       |
| Ward 4                                    | 4.16                | (2.80 - 6.14)                         | 3.27              | (2.33 - 4.56)                       | 3.37              | (2.48 - 4.56)                       |
| Ward 5                                    | 4.57                | (3.08 - 6.73)                         | 3.25              | (2.33 - 4.53)                       | 3.48              | (2.60 - 4.64)                       |
| Ward 6                                    | 5.22                | (3.67 - 7.38)                         | 4.18              | (3.10 - 5.61)                       | 4.31              | (3.30 - 5.61)                       |
| Ward 7                                    | 2.86                | (1.89 - 4.30)                         | 3.09              | (2.15 - 4.42)                       | 3.05              | (2.20 - 4.22)                       |
| Ward 8                                    | 3.30                | (2.17 - 4.98)                         | 3.83              | (2.68 - 5.45)                       | 3.72              | (2.71 - 5.10)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                                   | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 4.79                | (4.11 - 5.59)                         | 3.39              | (2.91 - 3.95)                       | 3.57              | (3.13 - 4.07)                       |
| Broward (Circuit 17)                                                    | 4.22                | (3.02 - 5.85)                         | 2.93              | (2.15 - 3.99)                       | 3.09              | (2.34 - 4.07)                       |
| Central I                                                               | 4.80                | (3.76 - 6.13)                         | 3.33              | (2.64 - 4.19)                       | 3.54              | (2.89 - 4.32)                       |
| Circuit 9                                                               | 4.64                | (3.42 - 6.27)                         | 3.30              | (2.44 - 4.45)                       | 3.51              | (2.71 - 4.54)                       |
| Circuit 18                                                              | 5.12                | (3.63 - 7.17)                         | 3.37              | (2.50 - 4.52)                       | 3.58              | (2.74 - 4.66)                       |
| Central II                                                              | 5.20                | (4.29 - 6.28)                         | 3.48              | (2.90 - 4.17)                       | 3.67              | (3.12 - 4.31)                       |
| Circuit 6                                                               | 5.24                | (3.78 - 7.21)                         | 3.78              | (2.85 - 5.02)                       | 3.93              | (3.03 - 5.08)                       |
| Circuit 10                                                              | 4.52                | (3.15 - 6.44)                         | 3.62              | (2.64 - 4.93)                       | 3.73              | (2.81 - 4.94)                       |
| Circuit 12                                                              | 5.10                | (3.60 - 7.17)                         | 3.03              | (2.21 - 4.15)                       | 3.23              | (2.42 - 4.29)                       |
| Circuit 13 (Hillsborough)                                               | 5.68                | (4.17 - 7.68)                         | 3.87              | (2.88 - 5.18)                       | 4.12              | (3.18 - 5.33)                       |
| Circuit 20                                                              | 5.02                | (3.52 - 7.10)                         | 2.95              | (2.15 - 4.03)                       | 3.16              | (2.37 - 4.18)                       |
| Northeast                                                               | 5.20                | (4.21 - 6.42)                         | 3.70              | (3.03 - 4.51)                       | 3.89              | (3.27 - 4.63)                       |
| Circuit 4                                                               | 5.09                | (3.67 - 7.01)                         | 3.97              | (2.93 - 5.36)                       | 4.12              | (3.15 - 5.38)                       |
| Circuit 5                                                               | 5.27                | (3.71 - 7.44)                         | 3.19              | (2.30 - 4.42)                       | 3.38              | (2.51 - 4.55)                       |
| Circuit 7                                                               | 5.42                | (3.85 - 7.59)                         | 3.58              | (2.63 - 4.86)                       | 3.79              | (2.87 - 4.99)                       |
| Circuit 8 plus Columbia, Dixie,<br>Hamilton, Lafayette, and<br>Suwannee | 5.09                | (3.53 - 7.29)                         | 4.50              | (3.26 - 6.16)                       | 4.61              | (3.48 - 6.09)                       |
| Northwest                                                               | 5.17                | (4.11 - 6.47)                         | 4.07              | (3.26 - 5.06)                       | 4.25              | (3.51 - 5.13)                       |
| Circuit 1                                                               | 4.84                | (3.48 - 6.69)                         | 4.07              | (3.01 - 5.49)                       | 4.18              | (3.19 - 5.46)                       |
| Circuit 2 plus Madison and<br>Taylor                                    | 5.32                | (3.83 - 7.34)                         | 3.78              | (2.79 - 5.10)                       | 4.11              | (3.18 - 5.29)                       |
| Circuit 14                                                              | 5.67                | (4.00 - 7.97)                         | 4.45              | (3.20 - 6.17)                       | 4.61              | (3.42 - 6.18)                       |
| South (Circuits 11 and 16)                                              | 3.82                | (2.77 - 5.26)                         | 3.04              | (2.28 - 4.03)                       | 3.14              | (2.43 - 4.04)                       |
| Southeast                                                               | 4.51                | (3.44 - 5.88)                         | 3.12              | (2.43 - 3.99)                       | 3.27              | (2.61 - 4.08)                       |
| Circuit 15 (Palm Beach)                                                 | 4.41                | (3.15 - 6.14)                         | 2.95              | (2.18 - 3.97)                       | 3.11              | (2.37 - 4.07)                       |
| Circuit 19                                                              | 4.73                | (3.35 - 6.63)                         | 3.48              | (2.50 - 4.84)                       | 3.62              | (2.68 - 4.87)                       |
| <b>Georgia</b>                                                          | 4.37                | (3.55 - 5.38)                         | 4.01              | (3.34 - 4.80)                       | 4.06              | (3.46 - 4.76)                       |
| Region 1                                                                | 4.79                | (3.44 - 6.63)                         | 4.11              | (3.12 - 5.40)                       | 4.20              | (3.28 - 5.37)                       |
| Region 2                                                                | 4.46                | (3.16 - 6.26)                         | 4.71              | (3.46 - 6.39)                       | 4.67              | (3.54 - 6.14)                       |
| Region 3                                                                | 4.44                | (3.23 - 6.07)                         | 3.37              | (2.52 - 4.49)                       | 3.52              | (2.73 - 4.53)                       |
| Region 4                                                                | 4.11                | (2.82 - 5.96)                         | 4.83              | (3.46 - 6.70)                       | 4.71              | (3.49 - 6.34)                       |
| Region 5                                                                | 4.02                | (2.77 - 5.79)                         | 4.44              | (3.23 - 6.07)                       | 4.37              | (3.28 - 5.80)                       |
| Region 6                                                                | 3.92                | (2.71 - 5.64)                         | 3.83              | (2.86 - 5.12)                       | 3.85              | (2.95 - 5.00)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region           | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 4.34                | (3.32 - 5.65)                         | 3.25              | (2.52 - 4.18)                       | 3.39              | (2.72 - 4.22)                       |
| Hawaii Island                   | 4.20                | (2.86 - 6.14)                         | 3.95              | (2.78 - 5.59)                       | 3.98              | (2.89 - 5.46)                       |
| Honolulu                        | 4.36                | (3.19 - 5.93)                         | 2.99              | (2.20 - 4.05)                       | 3.18              | (2.44 - 4.12)                       |
| Kauai                           | 4.29                | (2.89 - 6.30)                         | 3.53              | (2.42 - 5.11)                       | 3.61              | (2.57 - 5.06)                       |
| Maui                            | 4.40                | (3.00 - 6.41)                         | 3.89              | (2.72 - 5.53)                       | 3.95              | (2.85 - 5.45)                       |
| <b>Idaho</b>                    | 6.20                | (4.98 - 7.71)                         | 4.63              | (3.85 - 5.55)                       | 4.85              | (4.14 - 5.69)                       |
| Region 1                        | 6.27                | (4.31 - 9.03)                         | 4.66              | (3.41 - 6.34)                       | 4.85              | (3.66 - 6.40)                       |
| Region 2                        | 6.82                | (4.65 - 9.89)                         | 4.32              | (3.08 - 6.05)                       | 4.76              | (3.55 - 6.36)                       |
| Region 3                        | 5.80                | (4.09 - 8.17)                         | 5.26              | (3.90 - 7.05)                       | 5.33              | (4.07 - 6.96)                       |
| Region 4                        | 6.36                | (4.59 - 8.76)                         | 4.33              | (3.30 - 5.67)                       | 4.60              | (3.62 - 5.82)                       |
| Region 5                        | 5.27                | (3.69 - 7.46)                         | 4.94              | (3.61 - 6.71)                       | 4.98              | (3.76 - 6.58)                       |
| Region 6                        | *                   | (* - *)                               | 4.75              | (3.42 - 6.58)                       | 5.01              | (3.74 - 6.70)                       |
| Region 7                        | 6.42                | (4.47 - 9.14)                         | 4.34              | (3.17 - 5.91)                       | 4.73              | (3.61 - 6.17)                       |
| <b>Illinois</b>                 | 4.72                | (3.95 - 5.64)                         | 3.55              | (3.03 - 4.16)                       | 3.72              | (3.24 - 4.27)                       |
| Region 1 (Cook)                 | 4.38                | (3.53 - 5.42)                         | 3.42              | (2.84 - 4.11)                       | 3.55              | (3.02 - 4.18)                       |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | 4.16              | (3.07 - 5.61)                       | 4.25              | (3.20 - 5.62)                       |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | 3.96              | (2.86 - 5.46)                       | 3.99              | (2.96 - 5.35)                       |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | 4.16              | (3.02 - 5.70)                       | 4.46              | (3.36 - 5.91)                       |
| Region 1.4 (West Side)          | 3.72                | (2.56 - 5.38)                         | 3.86              | (2.78 - 5.33)                       | 3.83              | (2.85 - 5.14)                       |
| Region 1.5 (South Side)         | 3.66                | (2.48 - 5.37)                         | 3.20              | (2.27 - 4.51)                       | 3.27              | (2.41 - 4.43)                       |
| Region 1.6 (Southwest Side)     | 3.33                | (2.28 - 4.83)                         | 3.42              | (2.45 - 4.77)                       | 3.41              | (2.52 - 4.60)                       |
| Region 1.7 (Suburban Cook)      | 4.44                | (3.25 - 6.04)                         | 3.05              | (2.32 - 3.98)                       | 3.22              | (2.54 - 4.09)                       |
| Region 2                        | 4.76                | (3.77 - 5.99)                         | 3.20              | (2.59 - 3.94)                       | 3.42              | (2.85 - 4.10)                       |
| Region 2a (DuPage)              | 5.33                | (3.76 - 7.51)                         | 3.04              | (2.20 - 4.20)                       | 3.35              | (2.51 - 4.45)                       |
| Region 2b                       | 4.49                | (3.28 - 6.13)                         | 3.01              | (2.27 - 3.98)                       | 3.23              | (2.52 - 4.12)                       |
| Region 2c (Winnebago)           | *                   | (* - *)                               | 4.20              | (3.05 - 5.78)                       | 4.32              | (3.22 - 5.77)                       |
| Region 2d                       | 4.75                | (3.34 - 6.71)                         | 3.59              | (2.65 - 4.85)                       | 3.76              | (2.88 - 4.91)                       |
| Region 3                        | 5.21                | (3.94 - 6.87)                         | 4.22              | (3.25 - 5.47)                       | 4.39              | (3.49 - 5.50)                       |
| Region 3a (Champaign)           | 5.54                | (3.89 - 7.83)                         | 3.99              | (2.90 - 5.47)                       | 4.43              | (3.38 - 5.78)                       |
| Region 3b                       | 5.11                | (3.67 - 7.08)                         | 4.26              | (3.20 - 5.64)                       | 4.38              | (3.40 - 5.63)                       |
| Region 4                        | 5.23                | (3.83 - 7.11)                         | 4.05              | (3.12 - 5.24)                       | 4.21              | (3.34 - 5.30)                       |
| Region 4a (Sangamon)            | *                   | (* - *)                               | 3.84              | (2.77 - 5.29)                       | 4.02              | (3.01 - 5.37)                       |
| Region 4b                       | 5.21                | (3.62 - 7.45)                         | 4.11              | (3.04 - 5.54)                       | 4.26              | (3.25 - 5.58)                       |
| Region 5                        | 5.03                | (3.85 - 6.54)                         | 4.11              | (3.21 - 5.24)                       | 4.23              | (3.40 - 5.26)                       |
| Region 5a                       | 4.79                | (3.36 - 6.77)                         | 3.93              | (2.89 - 5.33)                       | 4.05              | (3.06 - 5.34)                       |
| Region 5b                       | 5.22                | (3.77 - 7.19)                         | 4.24              | (3.14 - 5.72)                       | 4.38              | (3.35 - 5.71)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 6.15                | (5.01 - 7.53)                         | 4.60              | (3.76 - 5.64)                       | 4.84              | (4.07 - 5.74)                       |
| Central                                     | 6.19                | (4.49 - 8.50)                         | 4.06              | (2.99 - 5.50)                       | 4.36              | (3.33 - 5.68)                       |
| East                                        | 5.92                | (4.09 - 8.51)                         | 4.81              | (3.41 - 6.75)                       | 4.99              | (3.68 - 6.73)                       |
| North Central                               | 5.83                | (4.05 - 8.33)                         | 4.53              | (3.27 - 6.25)                       | 4.72              | (3.53 - 6.28)                       |
| Northeast                                   | 6.08                | (4.27 - 8.59)                         | 4.74              | (3.40 - 6.58)                       | 4.93              | (3.68 - 6.58)                       |
| Northwest                                   | 5.40                | (3.76 - 7.71)                         | 4.57              | (3.25 - 6.39)                       | 4.69              | (3.46 - 6.33)                       |
| Southeast                                   | 7.26                | (5.03 - 10.39)                        | 5.22              | (3.73 - 7.25)                       | 5.48              | (4.06 - 7.35)                       |
| Southwest                                   | 6.15                | (4.35 - 8.63)                         | 4.84              | (3.48 - 6.69)                       | 5.02              | (3.75 - 6.70)                       |
| West                                        | 6.38                | (4.53 - 8.92)                         | 5.01              | (3.63 - 6.88)                       | 5.32              | (4.06 - 6.94)                       |
| <b>Iowa</b>                                 | 5.62                | (4.50 - 6.99)                         | 3.91              | (3.16 - 4.82)                       | 4.17              | (3.49 - 4.98)                       |
| Central                                     | 5.67                | (4.01 - 7.95)                         | 3.79              | (2.77 - 5.16)                       | 4.06              | (3.10 - 5.30)                       |
| North Central                               | 6.27                | (4.37 - 8.94)                         | 3.94              | (2.90 - 5.34)                       | 4.39              | (3.37 - 5.69)                       |
| Northeast                                   | 5.70                | (4.07 - 7.93)                         | 4.02              | (2.91 - 5.54)                       | 4.28              | (3.24 - 5.64)                       |
| Northwest                                   | 4.77                | (3.27 - 6.92)                         | 3.43              | (2.45 - 4.78)                       | 3.61              | (2.67 - 4.87)                       |
| Southeast                                   | 5.61                | (3.92 - 7.97)                         | 4.28              | (3.15 - 5.80)                       | 4.50              | (3.43 - 5.88)                       |
| Southwest                                   | 5.59                | (3.85 - 8.04)                         | 3.78              | (2.67 - 5.32)                       | 4.01              | (2.95 - 5.43)                       |
| <b>Kansas</b>                               | 5.30                | (4.18 - 6.70)                         | 4.00              | (3.24 - 4.91)                       | 4.20              | (3.51 - 5.01)                       |
| Northeast                                   | 5.48                | (4.05 - 7.39)                         | 3.96              | (3.03 - 5.16)                       | 4.21              | (3.34 - 5.29)                       |
| Northwest and North Central                 | *                   | (* - *)                               | 3.94              | (2.80 - 5.52)                       | 4.13              | (3.05 - 5.57)                       |
| South Central                               | 5.13                | (3.66 - 7.14)                         | 3.93              | (2.93 - 5.25)                       | 4.10              | (3.17 - 5.30)                       |
| Southeast                                   | *                   | (* - *)                               | 4.69              | (3.33 - 6.58)                       | 4.78              | (3.51 - 6.47)                       |
| Southwest                                   | 4.39                | (2.97 - 6.43)                         | 3.80              | (2.71 - 5.31)                       | 3.89              | (2.88 - 5.24)                       |
| <b>Kentucky</b>                             | 5.46                | (4.40 - 6.75)                         | 4.99              | (4.11 - 6.06)                       | 5.06              | (4.26 - 6.00)                       |
| Adanta, Cumberland River, and<br>Lifeskills | 5.68                | (3.99 - 8.02)                         | 6.04              | (4.44 - 8.18)                       | 5.99              | (4.52 - 7.90)                       |
| Bluegrass, Comprehend, and<br>North Key     | 5.57                | (4.02 - 7.65)                         | 4.50              | (3.32 - 6.06)                       | 4.66              | (3.57 - 6.05)                       |
| Centerstone                                 | 5.11                | (3.59 - 7.24)                         | 4.24              | (3.15 - 5.67)                       | 4.36              | (3.34 - 5.67)                       |
| Communicare and River Valley                | 5.22                | (3.61 - 7.49)                         | 4.74              | (3.36 - 6.65)                       | 4.81              | (3.53 - 6.51)                       |
| Four Rivers and Pennyroyal                  | 5.29                | (3.68 - 7.57)                         | 5.27              | (3.79 - 7.28)                       | 5.27              | (3.90 - 7.08)                       |
| Kentucky River, Mountain, and<br>Pathways   | 5.87                | (4.10 - 8.33)                         | 6.25              | (4.52 - 8.58)                       | 6.20              | (4.60 - 8.30)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 4.57                | (3.61 - 5.78)                         | 4.46              | (3.65 - 5.44)                       | 4.48              | (3.75 - 5.33)                       |
| Regions 1 and 10      | 4.58                | (3.35 - 6.23)                         | 4.53              | (3.49 - 5.87)                       | 4.54              | (3.58 - 5.74)                       |
| Region 1              | 4.39                | (2.98 - 6.44)                         | 4.34              | (3.13 - 5.99)                       | 4.35              | (3.24 - 5.81)                       |
| Region 10 (Jefferson) | 4.84                | (3.30 - 7.05)                         | 4.73              | (3.40 - 6.55)                       | 4.75              | (3.51 - 6.40)                       |
| Regions 2 and 9       | 4.64                | (3.31 - 6.47)                         | 3.81              | (2.82 - 5.14)                       | 3.94              | (3.02 - 5.11)                       |
| Region 3              | 4.69                | (3.22 - 6.78)                         | 4.35              | (3.15 - 6.00)                       | 4.40              | (3.28 - 5.88)                       |
| Regions 4, 5, and 6   | 4.97                | (3.43 - 7.15)                         | 4.94              | (3.64 - 6.68)                       | 4.95              | (3.75 - 6.50)                       |
| Regions 7 and 8       | 3.95                | (2.74 - 5.64)                         | 4.67              | (3.44 - 6.33)                       | 4.56              | (3.45 - 6.01)                       |
| <b>Maine</b>          | 5.36                | (4.24 - 6.74)                         | 4.55              | (3.72 - 5.55)                       | 4.65              | (3.89 - 5.54)                       |
| Aroostook/Downeast    | 5.42                | (3.97 - 7.37)                         | 5.25              | (3.96 - 6.92)                       | 5.27              | (4.07 - 6.79)                       |
| Aroostook             | 5.46                | (3.73 - 7.92)                         | 5.00              | (3.58 - 6.93)                       | 5.05              | (3.72 - 6.82)                       |
| Downeast              | 5.39                | (3.65 - 7.89)                         | 5.45              | (3.82 - 7.71)                       | 5.44              | (3.91 - 7.52)                       |
| Central               | 5.69                | (3.91 - 8.19)                         | 5.09              | (3.65 - 7.05)                       | 5.16              | (3.80 - 6.96)                       |
| Cumberland            | 5.30                | (3.69 - 7.56)                         | 3.98              | (2.87 - 5.48)                       | 4.14              | (3.10 - 5.51)                       |
| Midcoast              | 5.38                | (3.65 - 7.87)                         | 4.64              | (3.34 - 6.40)                       | 4.71              | (3.48 - 6.35)                       |
| Penquis               | 5.18                | (3.59 - 7.41)                         | 4.81              | (3.48 - 6.61)                       | 4.86              | (3.63 - 6.47)                       |
| Western               | 5.42                | (3.75 - 7.78)                         | 4.72              | (3.43 - 6.47)                       | 4.81              | (3.60 - 6.40)                       |
| York                  | 5.20                | (3.62 - 7.42)                         | 3.90              | (2.79 - 5.44)                       | 4.05              | (2.99 - 5.46)                       |
| <b>Maryland</b>       | 5.17                | (4.14 - 6.43)                         | 3.12              | (2.53 - 3.84)                       | 3.40              | (2.85 - 4.05)                       |
| Anne Arundel          | 6.13                | (4.26 - 8.75)                         | 3.36              | (2.44 - 4.62)                       | 3.72              | (2.81 - 4.90)                       |
| Baltimore City        | 4.07                | (2.74 - 6.00)                         | 3.38              | (2.41 - 4.74)                       | 3.49              | (2.58 - 4.71)                       |
| Baltimore County      | 5.68                | (3.95 - 8.11)                         | 3.20              | (2.29 - 4.46)                       | 3.54              | (2.65 - 4.72)                       |
| Montgomery            | 5.09                | (3.50 - 7.34)                         | 2.79              | (2.00 - 3.87)                       | 3.05              | (2.28 - 4.07)                       |
| North Central         | 5.92                | (4.13 - 8.43)                         | 3.02              | (2.12 - 4.29)                       | 3.39              | (2.50 - 4.59)                       |
| Northeast             | 5.95                | (4.08 - 8.59)                         | 3.42              | (2.40 - 4.85)                       | 3.74              | (2.75 - 5.07)                       |
| Prince George's       | 4.00                | (2.76 - 5.76)                         | 2.52              | (1.80 - 3.52)                       | 2.75              | (2.05 - 3.68)                       |
| South                 | 5.29                | (3.65 - 7.61)                         | 3.45              | (2.45 - 4.85)                       | 3.73              | (2.77 - 5.00)                       |
| West                  | 5.81                | (4.00 - 8.35)                         | 3.51              | (2.52 - 4.88)                       | 3.82              | (2.86 - 5.08)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 5.76                | (4.60 - 7.19)                         | 3.94              | (3.21 - 4.83)                       | 4.21              | (3.54 - 5.01)                       |
| Boston                | 5.65                | (3.94 - 8.04)                         | 4.53              | (3.28 - 6.23)                       | 4.76              | (3.62 - 6.24)                       |
| Central               | 5.27                | (3.61 - 7.62)                         | 4.02              | (2.89 - 5.56)                       | 4.20              | (3.13 - 5.61)                       |
| Metrowest             | 6.17                | (4.32 - 8.74)                         | 3.46              | (2.52 - 4.74)                       | 3.83              | (2.91 - 5.03)                       |
| Northeast             | 5.43                | (3.81 - 7.70)                         | 4.00              | (2.96 - 5.38)                       | 4.19              | (3.20 - 5.46)                       |
| Southeast             | 5.79                | (4.02 - 8.28)                         | 3.95              | (2.86 - 5.43)                       | 4.19              | (3.13 - 5.58)                       |
| Western               | 6.09                | (4.32 - 8.54)                         | 4.10              | (2.93 - 5.71)                       | 4.43              | (3.32 - 5.89)                       |
| <b>Michigan</b>       | 5.59                | (4.76 - 6.55)                         | 4.13              | (3.54 - 4.81)                       | 4.34              | (3.81 - 4.95)                       |
| Region 1              | 5.83                | (4.11 - 8.22)                         | 4.54              | (3.27 - 6.25)                       | 4.72              | (3.53 - 6.28)                       |
| Region 2              | 6.97                | (4.89 - 9.83)                         | 4.26              | (3.12 - 5.79)                       | 4.55              | (3.44 - 6.00)                       |
| Region 3              | 5.50                | (4.03 - 7.46)                         | 4.28              | (3.28 - 5.57)                       | 4.47              | (3.52 - 5.65)                       |
| Region 4              | 6.02                | (4.44 - 8.11)                         | 4.87              | (3.68 - 6.42)                       | 5.04              | (3.93 - 6.44)                       |
| Region 5              | 6.07                | (4.57 - 8.01)                         | 4.62              | (3.60 - 5.92)                       | 4.87              | (3.92 - 6.04)                       |
| Region 6              | 6.38                | (4.56 - 8.85)                         | 3.66              | (2.70 - 4.94)                       | 4.11              | (3.17 - 5.32)                       |
| Region 7              | 4.46                | (3.29 - 6.01)                         | 3.57              | (2.69 - 4.73)                       | 3.70              | (2.89 - 4.74)                       |
| Region 8              | 5.46                | (3.93 - 7.52)                         | 3.59              | (2.66 - 4.83)                       | 3.82              | (2.93 - 4.96)                       |
| Region 9              | 5.27                | (3.76 - 7.34)                         | 4.04              | (3.02 - 5.39)                       | 4.19              | (3.22 - 5.45)                       |
| Region 10             | 5.39                | (3.83 - 7.53)                         | 4.58              | (3.37 - 6.19)                       | 4.69              | (3.56 - 6.15)                       |
| <b>Minnesota</b>      | 5.77                | (4.66 - 7.13)                         | 4.09              | (3.37 - 4.96)                       | 4.32              | (3.67 - 5.09)                       |
| Regions 1 and 2       | 5.97                | (4.41 - 8.02)                         | 4.37              | (3.31 - 5.74)                       | 4.58              | (3.59 - 5.83)                       |
| Region 1              | *                   | (* - *)                               | 4.21              | (3.00 - 5.88)                       | 4.39              | (3.24 - 5.92)                       |
| Region 2              | *                   | (* - *)                               | 4.46              | (3.19 - 6.21)                       | 4.69              | (3.48 - 6.30)                       |
| Regions 3 and 4       | 5.79                | (4.31 - 7.75)                         | 4.30              | (3.33 - 5.55)                       | 4.52              | (3.61 - 5.64)                       |
| Region 3              | *                   | (* - *)                               | 4.24              | (3.02 - 5.93)                       | 4.46              | (3.29 - 6.01)                       |
| Region 4              | 5.79                | (4.06 - 8.18)                         | 4.34              | (3.20 - 5.86)                       | 4.55              | (3.48 - 5.93)                       |
| Regions 5 and 6       | 5.72                | (4.24 - 7.66)                         | 4.22              | (3.23 - 5.49)                       | 4.44              | (3.51 - 5.59)                       |
| Region 5              | 5.35                | (3.73 - 7.61)                         | 4.18              | (2.99 - 5.81)                       | 4.35              | (3.24 - 5.82)                       |
| Region 6              | 6.10                | (4.13 - 8.92)                         | 4.26              | (3.05 - 5.93)                       | 4.53              | (3.36 - 6.07)                       |
| Region 7              | 5.75                | (4.47 - 7.37)                         | 3.93              | (3.14 - 4.91)                       | 4.18              | (3.45 - 5.05)                       |
| Region 7A (Hennepin)  | 6.07                | (4.33 - 8.47)                         | 4.27              | (3.17 - 5.71)                       | 4.50              | (3.47 - 5.82)                       |
| Region 7B (Ramsey)    | 5.39                | (3.72 - 7.75)                         | 4.32              | (3.13 - 5.94)                       | 4.49              | (3.37 - 5.96)                       |
| Region 7C             | 5.61                | (3.93 - 7.94)                         | 3.42              | (2.48 - 4.71)                       | 3.70              | (2.81 - 4.88)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                  | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 4.23                | (3.34 - 5.35)                         | 4.07              | (3.27 - 5.04)                       | 4.09              | (3.38 - 4.94)                       |
| Region 1                               | 4.56                | (3.16 - 6.54)                         | 4.50              | (3.32 - 6.07)                       | 4.51              | (3.42 - 5.92)                       |
| Region 2                               | 3.39                | (2.29 - 4.99)                         | 3.84              | (2.71 - 5.41)                       | 3.77              | (2.74 - 5.16)                       |
| Region 3                               | 4.19                | (2.86 - 6.10)                         | 4.01              | (2.86 - 5.59)                       | 4.04              | (2.99 - 5.43)                       |
| Region 4                               | 3.65                | (2.51 - 5.27)                         | 3.24              | (2.28 - 4.58)                       | 3.30              | (2.41 - 4.49)                       |
| Region 5                               | *                   | (* - *)                               | 4.41              | (3.02 - 6.38)                       | 4.37              | (3.10 - 6.14)                       |
| Region 6                               | 4.65                | (3.17 - 6.79)                         | 4.52              | (3.22 - 6.32)                       | 4.54              | (3.35 - 6.13)                       |
| Region 7                               | 4.89                | (3.37 - 7.05)                         | 4.21              | (3.02 - 5.85)                       | 4.31              | (3.20 - 5.78)                       |
| <b>Missouri</b>                        | 5.71                | (4.64 - 7.00)                         | 4.32              | (3.54 - 5.26)                       | 4.52              | (3.81 - 5.35)                       |
| Central                                | 5.82                | (4.09 - 8.20)                         | 4.29              | (3.06 - 6.00)                       | 4.56              | (3.42 - 6.06)                       |
| Eastern                                | 5.59                | (4.24 - 7.32)                         | 3.94              | (3.08 - 5.02)                       | 4.16              | (3.36 - 5.15)                       |
| Eastern (St. Louis City and<br>County) | 5.38                | (3.79 - 7.57)                         | 3.88              | (2.85 - 5.27)                       | 4.09              | (3.11 - 5.35)                       |
| Eastern (excluding St. Louis)          | 5.97                | (4.21 - 8.39)                         | 4.04              | (2.96 - 5.49)                       | 4.30              | (3.27 - 5.63)                       |
| Northwest                              | 5.63                | (4.23 - 7.44)                         | 4.11              | (3.15 - 5.34)                       | 4.32              | (3.43 - 5.43)                       |
| Northwest (Jackson)                    | 5.01                | (3.51 - 7.09)                         | 3.88              | (2.80 - 5.37)                       | 4.03              | (3.02 - 5.37)                       |
| Northwest (excluding Jackson)          | 6.12                | (4.28 - 8.67)                         | 4.30              | (3.11 - 5.91)                       | 4.56              | (3.43 - 6.04)                       |
| Southeast                              | 6.16                | (4.32 - 8.72)                         | 5.66              | (4.12 - 7.74)                       | 5.73              | (4.29 - 7.61)                       |
| Southwest                              | 5.64                | (3.96 - 7.97)                         | 4.51              | (3.27 - 6.21)                       | 4.67              | (3.51 - 6.20)                       |
| <b>Montana</b>                         | 5.87                | (4.73 - 7.26)                         | 4.71              | (3.87 - 5.74)                       | 4.88              | (4.10 - 5.78)                       |
| Region 1                               | *                   | (* - *)                               | 4.37              | (3.12 - 6.08)                       | 4.48              | (3.31 - 6.05)                       |
| Region 2                               | 5.22                | (3.68 - 7.35)                         | 4.87              | (3.52 - 6.71)                       | 4.92              | (3.68 - 6.55)                       |
| Region 3                               | 5.12                | (3.59 - 7.25)                         | 4.35              | (3.26 - 5.78)                       | 4.45              | (3.43 - 5.76)                       |
| Region 4                               | 6.34                | (4.59 - 8.68)                         | 4.30              | (3.18 - 5.79)                       | 4.60              | (3.55 - 5.95)                       |
| Region 5                               | 6.34                | (4.61 - 8.66)                         | 5.33              | (4.02 - 7.05)                       | 5.47              | (4.26 - 7.01)                       |
| <b>Nebraska</b>                        | 5.82                | (4.67 - 7.22)                         | 4.10              | (3.34 - 5.01)                       | 4.36              | (3.67 - 5.16)                       |
| Regions 1 and 2                        | 5.44                | (4.02 - 7.34)                         | 4.07              | (3.04 - 5.42)                       | 4.25              | (3.29 - 5.49)                       |
| Region 1                               | *                   | (* - *)                               | 4.08              | (2.85 - 5.80)                       | 4.26              | (3.10 - 5.83)                       |
| Region 2                               | *                   | (* - *)                               | 4.06              | (2.86 - 5.73)                       | 4.25              | (3.10 - 5.79)                       |
| Region 3                               | 5.86                | (4.11 - 8.30)                         | 4.11              | (2.98 - 5.65)                       | 4.37              | (3.31 - 5.76)                       |
| Region 4                               | 5.05                | (3.45 - 7.34)                         | 3.84              | (2.74 - 5.37)                       | 4.02              | (2.97 - 5.42)                       |
| Region 5                               | 5.01                | (3.49 - 7.13)                         | 3.66              | (2.65 - 5.04)                       | 3.89              | (2.93 - 5.13)                       |
| Region 6                               | 6.63                | (4.89 - 8.94)                         | 4.42              | (3.36 - 5.81)                       | 4.75              | (3.75 - 6.01)                       |

See notes at end of table.

(continued)



**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region   | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 5.83                | (4.55 - 7.43)                         | 4.30              | (3.46 - 5.34)                       | 4.50              | (3.72 - 5.44)                       |
| Clark – Region 1        | 5.56                | (4.14 - 7.43)                         | 4.19              | (3.24 - 5.41)                       | 4.37              | (3.49 - 5.47)                       |
| Region 3                | 5.96                | (4.37 - 8.09)                         | 4.25              | (3.22 - 5.58)                       | 4.45              | (3.47 - 5.69)                       |
| Capital District        | *                   | (* - *)                               | 4.07              | (2.87 - 5.73)                       | 4.27              | (3.12 - 5.84)                       |
| Rural/Frontier          | *                   | (* - *)                               | 4.42              | (3.17 - 6.12)                       | 4.61              | (3.42 - 6.19)                       |
| Washoe – Region 2       | 6.96                | (4.92 - 9.75)                         | 4.86              | (3.57 - 6.58)                       | 5.14              | (3.91 - 6.74)                       |
| <b>New Hampshire</b>    | 8.48                | (6.81 - 10.51)                        | 5.06              | (4.10 - 6.23)                       | 5.52              | (4.63 - 6.57)                       |
| Central                 | 8.88                | (6.78 - 11.54)                        | 5.40              | (4.18 - 6.96)                       | 5.90              | (4.75 - 7.31)                       |
| Central 1               | 9.53                | (6.90 - 13.02)                        | 5.55              | (4.08 - 7.51)                       | 6.19              | (4.79 - 7.96)                       |
| Central 2               | 8.07                | (5.78 - 11.17)                        | 5.26              | (3.84 - 7.18)                       | 5.62              | (4.26 - 7.38)                       |
| Northern                | 7.51                | (5.35 - 10.46)                        | 5.06              | (3.63 - 7.00)                       | 5.40              | (4.06 - 7.15)                       |
| Southern                | 8.49                | (6.52 - 10.99)                        | 4.89              | (3.85 - 6.20)                       | 5.36              | (4.37 - 6.56)                       |
| Southern 1 (Rockingham) | 7.44                | (5.25 - 10.46)                        | 4.35              | (3.15 - 5.97)                       | 4.71              | (3.56 - 6.22)                       |
| Southern 2              | 9.06                | (6.63 - 12.26)                        | 5.24              | (3.96 - 6.92)                       | 5.77              | (4.54 - 7.31)                       |
| <b>New Jersey</b>       | 5.64                | (4.66 - 6.81)                         | 3.45              | (2.81 - 4.22)                       | 3.74              | (3.15 - 4.43)                       |
| Central                 | 6.64                | (4.83 - 9.06)                         | 3.38              | (2.49 - 4.57)                       | 3.79              | (2.93 - 4.90)                       |
| Metropolitan            | 4.79                | (3.43 - 6.66)                         | 3.15              | (2.30 - 4.29)                       | 3.38              | (2.57 - 4.42)                       |
| Northern                | 5.44                | (4.08 - 7.22)                         | 3.49              | (2.63 - 4.63)                       | 3.74              | (2.92 - 4.76)                       |
| Southern                | 5.93                | (4.38 - 7.98)                         | 3.80              | (2.81 - 5.13)                       | 4.09              | (3.14 - 5.30)                       |
| <b>New Mexico</b>       | 4.81                | (3.76 - 6.13)                         | 4.35              | (3.53 - 5.34)                       | 4.41              | (3.67 - 5.30)                       |
| Region 1                | 4.42                | (3.03 - 6.39)                         | 4.30              | (3.10 - 5.95)                       | 4.32              | (3.21 - 5.79)                       |
| Region 2                | 4.83                | (3.28 - 7.07)                         | 4.17              | (2.94 - 5.87)                       | 4.25              | (3.09 - 5.80)                       |
| Region 3 (Bernalillo)   | 5.18                | (3.65 - 7.29)                         | 4.35              | (3.26 - 5.80)                       | 4.47              | (3.44 - 5.79)                       |
| Region 4                | 4.82                | (3.30 - 6.98)                         | 4.83              | (3.46 - 6.70)                       | 4.83              | (3.59 - 6.46)                       |
| Region 5                | 4.63                | (3.36 - 6.34)                         | 4.22              | (3.22 - 5.52)                       | 4.29              | (3.36 - 5.45)                       |
| Region 5a               | 4.88                | (3.33 - 7.11)                         | 4.18              | (2.98 - 5.85)                       | 4.28              | (3.14 - 5.79)                       |
| Region 5b (Dona Ana)    | 4.46                | (2.99 - 6.58)                         | 4.26              | (3.03 - 5.94)                       | 4.29              | (3.18 - 5.78)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                             | 5.03                | (4.29 - 5.90)                         | 3.79              | (3.25 - 4.40)                       | 3.97              | (3.48 - 4.52)                       |
| Region 1: Long Island                       | 5.43                | (4.04 - 7.25)                         | 3.24              | (2.43 - 4.31)                       | 3.54              | (2.77 - 4.52)                       |
| Region 2: New York City                     | 4.22                | (3.43 - 5.18)                         | 3.78              | (3.14 - 4.54)                       | 3.84              | (3.26 - 4.53)                       |
| Region 2A (Bronx)                           | 3.67                | (2.58 - 5.20)                         | 3.79              | (2.78 - 5.14)                       | 3.77              | (2.85 - 4.96)                       |
| Region 2B (Kings)                           | 4.28                | (3.08 - 5.92)                         | 3.76              | (2.83 - 4.99)                       | 3.84              | (2.97 - 4.94)                       |
| Region 2C (New York)                        | 5.27                | (3.83 - 7.20)                         | 4.38              | (3.30 - 5.80)                       | 4.50              | (3.48 - 5.79)                       |
| Region 2D (Queens)                          | 3.59                | (2.49 - 5.15)                         | 3.30              | (2.45 - 4.43)                       | 3.34              | (2.54 - 4.37)                       |
| Region 2E (Richmond)                        | 4.98                | (3.47 - 7.09)                         | 3.98              | (2.88 - 5.48)                       | 4.12              | (3.07 - 5.50)                       |
| Region 3: Mid-Hudson                        | 5.70                | (4.16 - 7.77)                         | 3.47              | (2.59 - 4.62)                       | 3.79              | (2.95 - 4.85)                       |
| Region 4: Capital Region                    | 5.64                | (4.06 - 7.79)                         | 4.08              | (2.99 - 5.54)                       | 4.31              | (3.28 - 5.63)                       |
| Region 5: Mohawk Valley                     | *                   | (* - *)                               | 4.93              | (3.53 - 6.86)                       | 5.11              | (3.79 - 6.85)                       |
| Region 6: North Country                     | *                   | (* - *)                               | 4.18              | (3.00 - 5.80)                       | 4.34              | (3.22 - 5.82)                       |
| Region 7: Tug Hill Seaway                   | *                   | (* - *)                               | 4.78              | (3.49 - 6.51)                       | 4.95              | (3.76 - 6.48)                       |
| Region 8: Central                           | 5.36                | (3.82 - 7.47)                         | 4.18              | (3.16 - 5.52)                       | 4.37              | (3.41 - 5.59)                       |
| Region 9: Southern Tier                     | 6.00                | (4.23 - 8.45)                         | 4.61              | (3.35 - 6.32)                       | 4.87              | (3.69 - 6.41)                       |
| Region 10: Finger Lakes                     | 6.04                | (4.41 - 8.22)                         | 3.97              | (2.98 - 5.27)                       | 4.28              | (3.34 - 5.46)                       |
| Region 11: Western                          | 5.48                | (4.01 - 7.44)                         | 4.04              | (3.05 - 5.34)                       | 4.25              | (3.31 - 5.45)                       |
| <b>North Carolina</b>                       | 4.64                | (3.78 - 5.69)                         | 4.72              | (3.95 - 5.62)                       | 4.71              | (4.03 - 5.49)                       |
| Alliance Behavioral Healthcare 1            | 4.32                | (3.02 - 6.13)                         | 4.46              | (3.28 - 6.04)                       | 4.44              | (3.37 - 5.83)                       |
| Alliance Behavioral Healthcare 2            | 4.67                | (3.25 - 6.67)                         | 3.96              | (2.88 - 5.42)                       | 4.06              | (3.05 - 5.38)                       |
| Cardinal Innovations Healthcare Solutions 1 | 4.74                | (3.23 - 6.90)                         | 4.85              | (3.54 - 6.61)                       | 4.83              | (3.61 - 6.44)                       |
| Cardinal Innovations Healthcare Solutions 2 | 4.68                | (3.22 - 6.77)                         | 4.57              | (3.27 - 6.35)                       | 4.58              | (3.39 - 6.17)                       |
| Cardinal Innovations Healthcare Solutions 3 | 4.65                | (3.22 - 6.67)                         | 4.23              | (3.10 - 5.75)                       | 4.29              | (3.24 - 5.66)                       |
| CenterPoint Human Services                  | 4.55                | (3.09 - 6.65)                         | 4.77              | (3.44 - 6.58)                       | 4.74              | (3.52 - 6.36)                       |
| Eastpointe                                  | 3.68                | (2.56 - 5.26)                         | 4.72              | (3.41 - 6.50)                       | 4.58              | (3.40 - 6.15)                       |
| Partners Behavioral Health Management       | 4.95                | (3.46 - 7.02)                         | 5.40              | (3.96 - 7.32)                       | 5.34              | (4.02 - 7.07)                       |
| Sandhills Center 1                          | 4.42                | (3.03 - 6.39)                         | 5.06              | (3.64 - 7.01)                       | 4.98              | (3.67 - 6.73)                       |
| Sandhills Center 2                          | 4.26                | (2.89 - 6.25)                         | 4.28              | (3.07 - 5.95)                       | 4.28              | (3.16 - 5.77)                       |
| Smoky Mountain Center 1                     | 5.21                | (3.59 - 7.50)                         | 5.48              | (3.96 - 7.56)                       | 5.45              | (4.04 - 7.30)                       |
| Smoky Mountain Center 2                     | 5.18                | (3.53 - 7.52)                         | 4.99              | (3.62 - 6.85)                       | 5.01              | (3.72 - 6.71)                       |
| Trillium Health Resources 1                 | 4.54                | (3.13 - 6.55)                         | 4.83              | (3.48 - 6.67)                       | 4.78              | (3.56 - 6.40)                       |
| Trillium Health Resources 2                 | 5.40                | (3.74 - 7.75)                         | 4.89              | (3.51 - 6.77)                       | 4.98              | (3.71 - 6.64)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region         | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 5.78                | (4.68 - 7.12)                         | 3.49              | (2.81 - 4.33)                       | 3.90              | (3.28 - 4.64)                       |
| Badlands and West Central     | 5.57                | (4.09 - 7.55)                         | 3.09              | (2.32 - 4.09)                       | 3.45              | (2.71 - 4.39)                       |
| Badlands                      | *                   | (* - *)                               | 3.58              | (2.52 - 5.05)                       | 3.94              | (2.91 - 5.29)                       |
| West Central                  | 5.45                | (3.76 - 7.84)                         | 2.94              | (2.11 - 4.09)                       | 3.31              | (2.48 - 4.39)                       |
| Lake Region                   | *                   | (* - *)                               | 3.34              | (2.31 - 4.81)                       | 3.67              | (2.67 - 5.03)                       |
| North Central                 | 5.86                | (4.10 - 8.31)                         | 3.69              | (2.66 - 5.11)                       | 4.08              | (3.08 - 5.38)                       |
| Northeast                     | 6.19                | (4.39 - 8.68)                         | 4.01              | (2.87 - 5.59)                       | 4.55              | (3.47 - 5.95)                       |
| Northwest                     | *                   | (* - *)                               | 3.73              | (2.63 - 5.26)                       | 4.05              | (2.98 - 5.48)                       |
| South Central                 | *                   | (* - *)                               | 3.34              | (2.31 - 4.79)                       | 3.73              | (2.72 - 5.10)                       |
| Southeast                     | 5.60                | (4.09 - 7.62)                         | 3.61              | (2.67 - 4.87)                       | 4.02              | (3.15 - 5.12)                       |
| <b>Ohio</b>                   | 6.42                | (5.49 - 7.49)                         | 4.90              | (4.25 - 5.63)                       | 5.11              | (4.52 - 5.77)                       |
| Boards 2, 46, 55, and 68      | 6.49                | (4.55 - 9.18)                         | 5.00              | (3.65 - 6.81)                       | 5.20              | (3.93 - 6.85)                       |
| Boards 3, 52, and 85          | *                   | (* - *)                               | 4.59              | (3.31 - 6.33)                       | 4.84              | (3.61 - 6.46)                       |
| Boards 4 and 78               | 6.46                | (4.55 - 9.10)                         | 5.45              | (3.96 - 7.45)                       | 5.57              | (4.16 - 7.42)                       |
| Boards 5 and 60               | 7.21                | (5.29 - 9.76)                         | 5.94              | (4.41 - 7.97)                       | 6.16              | (4.76 - 7.94)                       |
| Boards 7, 15, 41, 79, and 84  | 7.11                | (4.98 - 10.05)                        | 5.75              | (4.22 - 7.79)                       | 5.91              | (4.47 - 7.79)                       |
| Boards 8, 13, and 83          | *                   | (* - *)                               | 4.56              | (3.37 - 6.15)                       | 4.80              | (3.66 - 6.27)                       |
| Board 9 (Butler)              | *                   | (* - *)                               | 4.77              | (3.51 - 6.47)                       | 5.09              | (3.86 - 6.67)                       |
| Board 12                      | 6.29                | (4.48 - 8.77)                         | 4.79              | (3.52 - 6.50)                       | 5.03              | (3.83 - 6.57)                       |
| Boards 18 and 47              | 6.16                | (4.56 - 8.28)                         | 4.55              | (3.46 - 5.97)                       | 4.77              | (3.74 - 6.06)                       |
| Boards 20, 32, 54, and 69     | 6.85                | (4.82 - 9.64)                         | 5.15              | (3.82 - 6.92)                       | 5.38              | (4.10 - 7.02)                       |
| Boards 21, 39, 51, 70, and 80 | 6.90                | (4.93 - 9.58)                         | 4.89              | (3.63 - 6.57)                       | 5.15              | (3.94 - 6.70)                       |
| Boards 22, 74, and 87         | 6.26                | (4.44 - 8.75)                         | 4.97              | (3.67 - 6.72)                       | 5.17              | (3.93 - 6.76)                       |
| Boards 23 and 45              | 6.36                | (4.47 - 8.98)                         | 5.23              | (3.94 - 6.91)                       | 5.39              | (4.18 - 6.93)                       |
| Board 25 (Franklin)           | 6.27                | (4.63 - 8.44)                         | 4.35              | (3.29 - 5.73)                       | 4.64              | (3.65 - 5.89)                       |
| Boards 27, 71, and 73         | 6.32                | (4.41 - 8.97)                         | 6.46              | (4.77 - 8.68)                       | 6.44              | (4.87 - 8.46)                       |
| Boards 28, 43, and 67         | 6.62                | (4.76 - 9.14)                         | 4.46              | (3.26 - 6.06)                       | 4.76              | (3.62 - 6.24)                       |
| Board 31 (Hamilton)           | 5.88                | (4.21 - 8.14)                         | 4.65              | (3.48 - 6.19)                       | 4.83              | (3.72 - 6.23)                       |
| Board 48 (Lucas)              | 5.81                | (4.09 - 8.19)                         | 5.20              | (3.82 - 7.04)                       | 5.29              | (4.00 - 6.98)                       |
| Boards 50 and 76              | 6.63                | (4.76 - 9.17)                         | 4.81              | (3.61 - 6.40)                       | 5.05              | (3.90 - 6.51)                       |
| Board 57 (Montgomery)         | 6.69                | (4.76 - 9.35)                         | 4.97              | (3.64 - 6.75)                       | 5.21              | (3.95 - 6.84)                       |
| Board 77 (Summit)             | 6.26                | (4.49 - 8.67)                         | 4.62              | (3.41 - 6.23)                       | 4.83              | (3.68 - 6.32)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                 | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 5.16                | (4.08 - 6.49)                         | 4.23              | (3.47 - 5.16)                       | 4.37              | (3.68 - 5.19)                       |
| Central                               | 5.86                | (4.06 - 8.40)                         | 4.28              | (3.12 - 5.85)                       | 4.54              | (3.45 - 5.94)                       |
| East Central                          | 5.17                | (3.53 - 7.51)                         | 4.47              | (3.19 - 6.22)                       | 4.57              | (3.38 - 6.14)                       |
| Northeast                             | 4.82                | (3.27 - 7.04)                         | 4.09              | (2.96 - 5.64)                       | 4.21              | (3.15 - 5.62)                       |
| Northwest and Southwest               | 5.30                | (3.62 - 7.71)                         | 4.46              | (3.25 - 6.09)                       | 4.59              | (3.46 - 6.07)                       |
| Oklahoma County                       | 5.03                | (3.48 - 7.22)                         | 4.18              | (3.04 - 5.70)                       | 4.30              | (3.24 - 5.68)                       |
| Southeast                             | 4.75                | (3.20 - 6.99)                         | 4.56              | (3.33 - 6.23)                       | 4.59              | (3.45 - 6.09)                       |
| Tulsa County                          | 5.18                | (3.60 - 7.40)                         | 3.72              | (2.69 - 5.13)                       | 3.93              | (2.95 - 5.22)                       |
| <b>Oregon</b>                         | 7.51                | (6.06 - 9.28)                         | 4.73              | (3.87 - 5.78)                       | 5.10              | (4.30 - 6.05)                       |
| Region 1 (Multnomah)                  | 7.61                | (5.45 - 10.53)                        | 5.27              | (3.93 - 7.02)                       | 5.56              | (4.29 - 7.17)                       |
| Region 2                              | 7.09                | (5.15 - 9.68)                         | 4.08              | (3.01 - 5.50)                       | 4.46              | (3.43 - 5.78)                       |
| Region 3                              | 7.93                | (5.86 - 10.64)                        | 5.20              | (3.92 - 6.87)                       | 5.62              | (4.41 - 7.13)                       |
| Region 4                              | 7.90                | (5.65 - 10.94)                        | 4.28              | (3.07 - 5.94)                       | 4.70              | (3.52 - 6.24)                       |
| Region 5 (Central)                    | *                   | (* - *)                               | 4.45              | (3.14 - 6.27)                       | 4.73              | (3.46 - 6.43)                       |
| Region 6 (Eastern)                    | *                   | (* - *)                               | 4.44              | (3.17 - 6.19)                       | 4.66              | (3.45 - 6.28)                       |
| <b>Pennsylvania</b>                   | 5.56                | (4.73 - 6.53)                         | 3.84              | (3.28 - 4.49)                       | 4.08              | (3.56 - 4.66)                       |
| Region 1 (Allegheny)                  | 7.25                | (5.21 - 9.99)                         | 4.21              | (3.14 - 5.62)                       | 4.59              | (3.55 - 5.92)                       |
| Regions 3, 8, 9, and 51               | 6.37                | (4.52 - 8.90)                         | 4.22              | (3.10 - 5.73)                       | 4.51              | (3.43 - 5.92)                       |
| Regions 4, 11, 37, and 49             | 5.42                | (3.82 - 7.63)                         | 4.07              | (3.00 - 5.50)                       | 4.25              | (3.24 - 5.57)                       |
| Regions 5, 18, 23, 24, and 46         | 6.51                | (4.68 - 9.00)                         | 4.19              | (3.09 - 5.64)                       | 4.48              | (3.43 - 5.85)                       |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 6.12                | (4.43 - 8.39)                         | 4.03              | (2.96 - 5.47)                       | 4.41              | (3.39 - 5.73)                       |
| Regions 7, 13, 20, and 33             | 5.07                | (3.77 - 6.78)                         | 2.97              | (2.23 - 3.95)                       | 3.24              | (2.53 - 4.15)                       |
| Regions 10, 15, 27, 32, 43, and 44    | 5.52                | (3.90 - 7.75)                         | 4.00              | (2.91 - 5.48)                       | 4.18              | (3.14 - 5.56)                       |
| Regions 17 and 21                     | 5.49                | (3.89 - 7.69)                         | 4.18              | (3.07 - 5.66)                       | 4.37              | (3.33 - 5.72)                       |
| Regions 19, 26, 28, and 42            | 5.81                | (4.22 - 7.94)                         | 4.46              | (3.36 - 5.89)                       | 4.63              | (3.60 - 5.94)                       |
| Regions 22, 38, 40, 41, and 48        | 5.42                | (3.89 - 7.50)                         | 3.62              | (2.62 - 4.98)                       | 3.82              | (2.86 - 5.09)                       |
| Regions 29 and 34                     | 5.07                | (3.52 - 7.25)                         | 3.42              | (2.44 - 4.77)                       | 3.64              | (2.70 - 4.90)                       |
| Regions 30 and 50                     | 5.23                | (3.68 - 7.39)                         | 3.88              | (2.78 - 5.38)                       | 4.05              | (3.01 - 5.42)                       |
| Region 36 (Philadelphia)              | 4.43                | (3.27 - 5.99)                         | 3.96              | (2.96 - 5.26)                       | 4.04              | (3.13 - 5.19)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                     | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 5.54                | (4.39 - 6.97)                         | 4.31              | (3.48 - 5.33)                       | 4.50              | (3.75 - 5.40)                       |
| Region 1: Southern Providence<br>County                   | 5.47                | (3.76 - 7.89)                         | 4.27              | (3.09 - 5.87)                       | 4.43              | (3.32 - 5.88)                       |
| Region 2: Northern Providence<br>County/Blackstone Valley | 4.93                | (3.44 - 7.01)                         | 4.52              | (3.25 - 6.24)                       | 4.57              | (3.39 - 6.13)                       |
| Region 3: Providence                                      | 5.73                | (3.98 - 8.19)                         | 5.28              | (3.76 - 7.36)                       | 5.40              | (4.05 - 7.16)                       |
| Region 4: Kent County                                     | 5.68                | (3.94 - 8.13)                         | 3.87              | (2.80 - 5.34)                       | 4.08              | (3.05 - 5.45)                       |
| Region 5: East Bay                                        | 5.78                | (3.99 - 8.30)                         | 4.37              | (3.11 - 6.10)                       | 4.56              | (3.38 - 6.14)                       |
| Region 6: Newport County                                  | *                   | (* - *)                               | 3.99              | (2.81 - 5.64)                       | 4.25              | (3.11 - 5.78)                       |
| Region 7: South County                                    | 5.52                | (3.74 - 8.07)                         | 3.61              | (2.56 - 5.07)                       | 3.94              | (2.92 - 5.28)                       |
| <b>South Carolina</b>                                     | 4.75                | (3.73 - 6.03)                         | 3.88              | (3.13 - 4.79)                       | 4.00              | (3.31 - 4.82)                       |
| Region 1                                                  | 5.35                | (3.81 - 7.47)                         | 4.31              | (3.17 - 5.82)                       | 4.45              | (3.40 - 5.82)                       |
| Region 2                                                  | 4.76                | (3.34 - 6.73)                         | 3.87              | (2.86 - 5.23)                       | 4.00              | (3.05 - 5.23)                       |
| Region 3                                                  | 4.10                | (2.83 - 5.91)                         | 3.71              | (2.70 - 5.09)                       | 3.76              | (2.82 - 5.01)                       |
| Region 4                                                  | 4.43                | (3.13 - 6.22)                         | 3.49              | (2.57 - 4.71)                       | 3.62              | (2.77 - 4.71)                       |
| <b>South Dakota</b>                                       | 5.09                | (4.05 - 6.37)                         | 3.89              | (3.12 - 4.84)                       | 4.07              | (3.38 - 4.90)                       |
| Region 1                                                  | 4.82                | (3.39 - 6.81)                         | 3.78              | (2.76 - 5.16)                       | 3.93              | (2.97 - 5.17)                       |
| Region 2                                                  | 4.74                | (3.20 - 6.99)                         | 3.83              | (2.67 - 5.46)                       | 3.95              | (2.87 - 5.41)                       |
| Region 3                                                  | 5.40                | (3.82 - 7.59)                         | 3.79              | (2.77 - 5.17)                       | 4.06              | (3.10 - 5.30)                       |
| Region 4                                                  | 4.90                | (3.37 - 7.06)                         | 4.07              | (2.91 - 5.68)                       | 4.21              | (3.13 - 5.63)                       |
| Region 5                                                  | 5.22                | (3.73 - 7.26)                         | 4.01              | (2.94 - 5.43)                       | 4.17              | (3.18 - 5.46)                       |
| <b>Tennessee</b>                                          | 5.44                | (4.35 - 6.79)                         | 4.71              | (3.89 - 5.69)                       | 4.81              | (4.07 - 5.68)                       |
| Region 1                                                  | 5.63                | (3.87 - 8.13)                         | 5.19              | (3.70 - 7.24)                       | 5.25              | (3.85 - 7.12)                       |
| Region 2                                                  | 6.15                | (4.32 - 8.70)                         | 5.34              | (3.95 - 7.20)                       | 5.45              | (4.15 - 7.13)                       |
| Region 3                                                  | 5.61                | (3.95 - 7.93)                         | 4.87              | (3.58 - 6.58)                       | 4.97              | (3.77 - 6.52)                       |
| Region 4 (Davidson)                                       | 5.28                | (3.63 - 7.63)                         | 4.54              | (3.23 - 6.33)                       | 4.65              | (3.44 - 6.26)                       |
| Region 5                                                  | 5.60                | (3.93 - 7.92)                         | 4.56              | (3.40 - 6.07)                       | 4.70              | (3.62 - 6.09)                       |
| Region 6                                                  | 5.23                | (3.63 - 7.47)                         | 4.85              | (3.55 - 6.58)                       | 4.90              | (3.70 - 6.46)                       |
| Region 7 (Shelby)                                         | 4.41                | (3.04 - 6.36)                         | 3.67              | (2.62 - 5.11)                       | 3.78              | (2.82 - 5.07)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                    | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                             | 4.46                | (3.76 - 5.28)                         | 3.11              | (2.66 - 3.63)                       | 3.32              | (2.91 - 3.78)                       |
| Region 1                                                 | 4.65                | (3.24 - 6.62)                         | 3.41              | (2.50 - 4.63)                       | 3.62              | (2.75 - 4.75)                       |
| Region 2                                                 | 4.78                | (3.34 - 6.78)                         | 3.77              | (2.74 - 5.17)                       | 3.93              | (2.95 - 5.21)                       |
| Region 3                                                 | 4.15                | (3.24 - 5.32)                         | 2.95              | (2.37 - 3.66)                       | 3.12              | (2.58 - 3.77)                       |
| Region 3a                                                | 3.96                | (2.91 - 5.38)                         | 2.92              | (2.25 - 3.78)                       | 3.07              | (2.45 - 3.85)                       |
| Region 3bc                                               | 4.49                | (3.23 - 6.21)                         | 2.99              | (2.25 - 3.97)                       | 3.21              | (2.51 - 4.10)                       |
| Region 4                                                 | 5.00                | (3.55 - 7.00)                         | 3.87              | (2.84 - 5.25)                       | 4.03              | (3.06 - 5.28)                       |
| Region 5                                                 | 4.66                | (3.26 - 6.64)                         | 3.62              | (2.61 - 5.01)                       | 3.77              | (2.82 - 5.03)                       |
| Region 6                                                 | 4.91                | (3.76 - 6.40)                         | 3.17              | (2.51 - 3.99)                       | 3.43              | (2.80 - 4.20)                       |
| Region 6a                                                | 4.96                | (3.72 - 6.57)                         | 3.18              | (2.47 - 4.07)                       | 3.45              | (2.78 - 4.28)                       |
| Region 6bc                                               | 4.48                | (3.09 - 6.45)                         | 3.08              | (2.22 - 4.25)                       | 3.27              | (2.44 - 4.37)                       |
| Region 7                                                 | 4.98                | (3.82 - 6.48)                         | 3.19              | (2.51 - 4.04)                       | 3.50              | (2.85 - 4.28)                       |
| Region 7a                                                | 5.11                | (3.65 - 7.10)                         | 2.94              | (2.18 - 3.96)                       | 3.27              | (2.53 - 4.22)                       |
| Region 7bcd                                              | 4.82                | (3.44 - 6.72)                         | 3.65              | (2.68 - 4.94)                       | 3.89              | (2.99 - 5.03)                       |
| Region 8                                                 | 3.98                | (2.87 - 5.49)                         | 2.79              | (2.10 - 3.70)                       | 2.98              | (2.32 - 3.81)                       |
| Region 9                                                 | 4.43                | (3.05 - 6.41)                         | 3.21              | (2.32 - 4.44)                       | 3.41              | (2.55 - 4.55)                       |
| Region 10                                                | 3.81                | (2.62 - 5.50)                         | 2.86              | (2.03 - 4.02)                       | 3.03              | (2.25 - 4.07)                       |
| Region 11                                                | 3.70                | (2.76 - 4.93)                         | 2.92              | (2.21 - 3.86)                       | 3.06              | (2.40 - 3.89)                       |
| Region 11abd                                             | 3.74                | (2.62 - 5.31)                         | 2.92              | (2.09 - 4.06)                       | 3.06              | (2.28 - 4.08)                       |
| Region 11c (Hidalgo)                                     | 3.63                | (2.49 - 5.26)                         | 2.93              | (2.08 - 4.11)                       | 3.06              | (2.27 - 4.10)                       |
| <b>Utah</b>                                              | 6.62                | (5.33 - 8.20)                         | 4.64              | (3.84 - 5.59)                       | 5.00              | (4.26 - 5.86)                       |
| Bear River, Northeastern,<br>Summit, Tooele, and Wasatch | 6.37                | (4.42 - 9.09)                         | 4.93              | (3.54 - 6.84)                       | 5.21              | (3.90 - 6.93)                       |
| Central, Four Corners, San Juan,<br>and Southwest        | 5.91                | (4.33 - 8.01)                         | 4.74              | (3.64 - 6.16)                       | 4.95              | (3.92 - 6.24)                       |
| Central, Four Corners, and<br>San Juan                   | *                   | (* - *)                               | 4.89              | (3.50 - 6.80)                       | 5.06              | (3.76 - 6.78)                       |
| Southwest                                                | 5.92                | (4.02 - 8.63)                         | 4.65              | (3.36 - 6.41)                       | 4.88              | (3.65 - 6.49)                       |
| Davis County                                             | 5.94                | (4.06 - 8.61)                         | 4.26              | (3.09 - 5.86)                       | 4.55              | (3.42 - 6.03)                       |
| Salt Lake County                                         | 6.56                | (4.85 - 8.83)                         | 4.49              | (3.46 - 5.79)                       | 4.82              | (3.87 - 6.00)                       |
| Utah County                                              | 7.51                | (5.28 - 10.58)                        | 5.01              | (3.69 - 6.77)                       | 5.64              | (4.35 - 7.29)                       |
| Weber, Morgan                                            | 6.33                | (4.41 - 9.02)                         | 4.52              | (3.28 - 6.19)                       | 4.82              | (3.64 - 6.36)                       |

See notes at end of table.

(continued)

**Table 10** *Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                 | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 5.39                | (4.15 - 6.97)                         | 5.22              | (4.24 - 6.41)                       | 5.25              | (4.37 - 6.29)                       |
| Champlain Valley                      | 4.92                | (3.47 - 6.93)                         | 4.40              | (3.30 - 5.85)                       | 4.49              | (3.48 - 5.77)                       |
| Rural Northeast                       | 5.85                | (3.96 - 8.56)                         | 6.34              | (4.63 - 8.61)                       | 6.27              | (4.70 - 8.31)                       |
| Rural Southeast                       | 5.86                | (4.00 - 8.50)                         | 5.51              | (4.06 - 7.43)                       | 5.55              | (4.20 - 7.29)                       |
| Rural Southwest                       | 5.69                | (3.87 - 8.31)                         | 5.18              | (3.74 - 7.15)                       | 5.25              | (3.92 - 7.02)                       |
| <b>Virginia</b>                       | 5.46                | (4.52 - 6.59)                         | 4.25              | (3.55 - 5.08)                       | 4.42              | (3.79 - 5.16)                       |
| Region 1                              | 5.80                | (4.18 - 8.01)                         | 4.19              | (3.10 - 5.64)                       | 4.44              | (3.42 - 5.75)                       |
| Region 2                              | 5.67                | (4.18 - 7.65)                         | 3.65              | (2.74 - 4.86)                       | 3.89              | (3.02 - 5.00)                       |
| Region 3                              | 6.25                | (4.57 - 8.49)                         | 5.85              | (4.44 - 7.68)                       | 5.91              | (4.62 - 7.53)                       |
| Region 4                              | 4.94                | (3.54 - 6.84)                         | 3.87              | (2.87 - 5.19)                       | 4.02              | (3.10 - 5.20)                       |
| Region 5                              | 4.84                | (3.49 - 6.68)                         | 4.15              | (3.12 - 5.48)                       | 4.25              | (3.31 - 5.46)                       |
| <b>Washington</b>                     | 5.71                | (4.60 - 7.08)                         | 4.64              | (3.80 - 5.66)                       | 4.79              | (4.02 - 5.69)                       |
| Region 1                              | 5.66                | (4.24 - 7.51)                         | 4.97              | (3.80 - 6.47)                       | 5.08              | (4.01 - 6.40)                       |
| Greater Columbia and North<br>Central | 5.19                | (3.63 - 7.37)                         | 4.81              | (3.44 - 6.70)                       | 4.88              | (3.63 - 6.52)                       |
| Spokane                               | 6.47                | (4.54 - 9.14)                         | 5.18              | (3.74 - 7.13)                       | 5.36              | (4.01 - 7.13)                       |
| Region 2                              | 5.59                | (4.24 - 7.33)                         | 4.38              | (3.43 - 5.57)                       | 4.53              | (3.66 - 5.61)                       |
| King                                  | 5.47                | (3.89 - 7.65)                         | 4.23              | (3.17 - 5.62)                       | 4.38              | (3.39 - 5.66)                       |
| North Sound                           | 5.78                | (4.03 - 8.22)                         | 4.65              | (3.41 - 6.31)                       | 4.80              | (3.64 - 6.30)                       |
| Region 3                              | 5.93                | (4.60 - 7.62)                         | 4.81              | (3.82 - 6.05)                       | 4.96              | (4.06 - 6.07)                       |
| Pierce                                | 5.84                | (4.10 - 8.26)                         | 4.75              | (3.48 - 6.45)                       | 4.91              | (3.74 - 6.43)                       |
| Salish                                | *                   | (* - *)                               | 4.66              | (3.27 - 6.61)                       | 4.87              | (3.55 - 6.66)                       |
| SW WA and Great Rivers                | 5.91                | (4.07 - 8.50)                         | 5.02              | (3.61 - 6.95)                       | 5.13              | (3.80 - 6.90)                       |
| Thurston-Mason                        | *                   | (* - *)                               | *                 | (* - *)                             | 4.84              | (3.56 - 6.55)                       |

See notes at end of table.

(continued)

**Table 10 Serious Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 5.48                | (4.39 - 6.81)                         | 5.38              | (4.43 - 6.53)                       | 5.40              | (4.53 - 6.42)                       |
| Region I                      | *                   | (* - *)                               | 5.01              | (3.57 - 6.98)                       | 5.08              | (3.73 - 6.88)                       |
| Region II                     | 5.25                | (3.61 - 7.57)                         | 4.72              | (3.44 - 6.44)                       | 4.78              | (3.59 - 6.35)                       |
| Region III                    | 6.07                | (4.20 - 8.69)                         | 6.10              | (4.41 - 8.38)                       | 6.10              | (4.53 - 8.17)                       |
| Region IV                     | 5.74                | (4.13 - 7.95)                         | 5.39              | (3.98 - 7.25)                       | 5.45              | (4.17 - 7.10)                       |
| Region V                      | 5.05                | (3.58 - 7.08)                         | 5.33              | (3.90 - 7.25)                       | 5.30              | (3.98 - 7.03)                       |
| Region VI                     | 5.53                | (3.94 - 7.72)                         | 5.76              | (4.28 - 7.70)                       | 5.73              | (4.36 - 7.50)                       |
| <b>Wisconsin</b>              | 5.78                | (4.65 - 7.17)                         | 3.83              | (3.09 - 4.73)                       | 4.11              | (3.44 - 4.90)                       |
| Milwaukee                     | 5.34                | (3.73 - 7.59)                         | 4.10              | (3.01 - 5.57)                       | 4.31              | (3.28 - 5.64)                       |
| Northeastern                  | 5.84                | (4.14 - 8.19)                         | 3.65              | (2.64 - 5.01)                       | 3.93              | (2.97 - 5.18)                       |
| Northern                      | 5.51                | (3.78 - 7.96)                         | 3.81              | (2.69 - 5.36)                       | 4.02              | (2.95 - 5.45)                       |
| Southeastern                  | 5.89                | (4.11 - 8.39)                         | 3.57              | (2.57 - 4.95)                       | 3.88              | (2.92 - 5.14)                       |
| Southern                      | 5.89                | (4.23 - 8.16)                         | 4.00              | (2.91 - 5.49)                       | 4.27              | (3.24 - 5.62)                       |
| Western                       | 6.13                | (4.28 - 8.70)                         | 3.97              | (2.83 - 5.55)                       | 4.30              | (3.21 - 5.74)                       |
| <b>Wyoming</b>                | 6.15                | (4.97 - 7.58)                         | 4.24              | (3.51 - 5.12)                       | 4.52              | (3.84 - 5.31)                       |
| Judicial District 1 (Laramie) | 6.04                | (4.23 - 8.56)                         | 4.30              | (3.18 - 5.80)                       | 4.53              | (3.46 - 5.91)                       |
| Judicial District 2           | 7.31                | (5.26 - 10.08)                        | 4.91              | (3.59 - 6.69)                       | 5.56              | (4.32 - 7.12)                       |
| Judicial District 3           | 6.36                | (4.35 - 9.21)                         | 5.08              | (3.71 - 6.93)                       | 5.26              | (3.96 - 6.96)                       |
| Judicial District 4           | *                   | (* - *)                               | 3.87              | (2.76 - 5.40)                       | 4.11              | (3.04 - 5.54)                       |
| Judicial District 5           | 5.89                | (4.03 - 8.53)                         | 3.65              | (2.60 - 5.09)                       | 3.92              | (2.90 - 5.28)                       |
| Judicial District 6           | 5.38                | (3.72 - 7.71)                         | 3.81              | (2.72 - 5.30)                       | 4.02              | (2.99 - 5.40)                       |
| Judicial District 7 (Natrona) | 5.81                | (4.01 - 8.35)                         | 4.09              | (2.97 - 5.61)                       | 4.32              | (3.25 - 5.71)                       |
| Judicial District 8           | 6.17                | (4.22 - 8.93)                         | 4.17              | (2.93 - 5.89)                       | 4.42              | (3.23 - 6.02)                       |
| Judicial District 9           | 5.40                | (3.68 - 7.87)                         | 4.04              | (2.91 - 5.57)                       | 4.20              | (3.12 - 5.63)                       |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: Serious mental illness (SMI) is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, assessed by the Mental Health Surveillance Study (MHSS) *Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders—Fourth Edition—Research Version—Axis I Disorders* (MHSS-SCID), which is based on the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV). SMI includes individuals with diagnoses resulting in serious functional impairment. For details, see Section B of the "2015-2016 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.



**Table 11** *Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs*

| State/Substate Region      | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 21.28               | (20.83 - 21.74)                       | 17.56             | (17.23 - 17.88)                     | 18.09             | (17.80 - 18.38)                     |
| <b>Northeast</b>           | 22.25               | (21.34 - 23.18)                       | 17.15             | (16.48 - 17.83)                     | 17.86             | (17.27 - 18.47)                     |
| <b>Midwest</b>             | 21.76               | (20.98 - 22.56)                       | 17.61             | (17.03 - 18.20)                     | 18.21             | (17.70 - 18.73)                     |
| <b>South</b>               | 19.83               | (19.17 - 20.50)                       | 17.47             | (16.97 - 17.99)                     | 17.81             | (17.37 - 18.26)                     |
| <b>West</b>                | 22.41               | (21.46 - 23.40)                       | 17.96             | (17.32 - 18.61)                     | 18.61             | (18.05 - 19.18)                     |
| <b>Alabama</b>             | 19.56               | (17.33 - 22.01)                       | 18.52             | (16.66 - 20.55)                     | 18.67             | (17.00 - 20.47)                     |
| Region 1                   | 20.93               | (17.39 - 24.97)                       | 18.33             | (15.56 - 21.47)                     | 18.67             | (16.14 - 21.50)                     |
| Region 2                   | 20.27               | (16.96 - 24.04)                       | 19.13             | (16.26 - 22.38)                     | 19.30             | (16.71 - 22.18)                     |
| Region 3                   | 17.17               | (13.96 - 20.95)                       | 17.82             | (14.90 - 21.17)                     | 17.70             | (15.08 - 20.67)                     |
| Region 4                   | 19.24               | (15.78 - 23.26)                       | 18.45             | (15.40 - 21.94)                     | 18.55             | (15.79 - 21.68)                     |
| <b>Alaska</b>              | 25.58               | (22.91 - 28.44)                       | 18.37             | (16.55 - 20.34)                     | 19.50             | (17.83 - 21.28)                     |
| Anchorage                  | 26.81               | (23.14 - 30.82)                       | 19.72             | (17.12 - 22.61)                     | 20.85             | (18.48 - 23.43)                     |
| Northern                   | 23.77               | (19.79 - 28.27)                       | 18.13             | (15.12 - 21.58)                     | 19.15             | (16.42 - 22.22)                     |
| South Central              | 24.49               | (20.20 - 29.34)                       | 16.47             | (13.87 - 19.45)                     | 17.61             | (15.15 - 20.37)                     |
| Southeast                  | 28.07               | (23.02 - 33.74)                       | 18.42             | (14.93 - 22.51)                     | 19.65             | (16.34 - 23.45)                     |
| <b>Arizona</b>             | 20.03               | (17.56 - 22.75)                       | 17.65             | (15.81 - 19.66)                     | 18.00             | (16.31 - 19.81)                     |
| Central                    | 19.79               | (16.81 - 23.17)                       | 17.11             | (14.86 - 19.62)                     | 17.50             | (15.45 - 19.76)                     |
| North                      | 21.52               | (17.38 - 26.34)                       | 17.14             | (13.87 - 20.99)                     | 17.74             | (14.69 - 21.27)                     |
| South                      | 19.92               | (16.66 - 23.64)                       | 19.02             | (16.36 - 22.00)                     | 19.15             | (16.72 - 21.84)                     |
| South A                    | 21.08               | (17.02 - 25.80)                       | 19.07             | (15.74 - 22.91)                     | 19.36             | (16.31 - 22.83)                     |
| South B                    | 18.52               | (14.71 - 23.06)                       | 18.97             | (15.51 - 22.98)                     | 18.90             | (15.76 - 22.50)                     |
| <b>Arkansas</b>            | 22.31               | (19.88 - 24.94)                       | 20.14             | (18.21 - 22.22)                     | 20.45             | (18.70 - 22.32)                     |
| Catchment Area 1           | 22.49               | (18.40 - 27.18)                       | 19.72             | (16.38 - 23.56)                     | 20.16             | (17.12 - 23.60)                     |
| Catchment Area 2           | 24.75               | (20.38 - 29.70)                       | 21.76             | (17.94 - 26.13)                     | 22.13             | (18.58 - 26.14)                     |
| Catchment Area 3           | 21.17               | (17.29 - 25.64)                       | 20.61             | (17.38 - 24.26)                     | 20.69             | (17.76 - 23.96)                     |
| Catchment Area 4           | 23.34               | (19.02 - 28.29)                       | 20.44             | (16.85 - 24.55)                     | 20.83             | (17.55 - 24.55)                     |
| Catchment Area 5           | 23.76               | (19.65 - 28.44)                       | 20.44             | (16.97 - 24.41)                     | 20.98             | (17.82 - 24.53)                     |
| Catchment Area 6           | 17.51               | (14.01 - 21.66)                       | 17.74             | (14.40 - 21.65)                     | 17.71             | (14.66 - 21.22)                     |
| Catchment Area 7           | *                   | (* - *)                               | 19.26             | (15.66 - 23.46)                     | 19.38             | (16.06 - 23.19)                     |
| Catchment Area 8           | 22.49               | (18.31 - 27.31)                       | 20.00             | (16.73 - 23.72)                     | 20.33             | (17.29 - 23.74)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence Interval) |
|-----------------------------|---------------------|------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| <b>California</b>           | 21.24               | (19.80 - 22.76)                    | 16.67             | (15.76 - 17.62)                  | 17.36             | (16.55 - 18.19)                  |
| Region 1R                   | 25.14               | (20.93 - 29.88)                    | 19.02             | (15.98 - 22.49)                  | 19.90             | (17.09 - 23.04)                  |
| Region 2R                   | 24.55               | (20.36 - 29.29)                    | 17.67             | (14.83 - 20.92)                  | 18.71             | (16.04 - 21.70)                  |
| Region 3R (Sacramento)      | 21.70               | (18.05 - 25.84)                    | 17.37             | (14.76 - 20.33)                  | 18.00             | (15.58 - 20.71)                  |
| Region 4R                   | 21.30               | (17.38 - 25.84)                    | 15.01             | (12.53 - 17.88)                  | 15.82             | (13.45 - 18.51)                  |
| Region 5R (San Francisco)   | 22.63               | (18.60 - 27.24)                    | 18.81             | (15.64 - 22.45)                  | 19.19             | (16.19 - 22.60)                  |
| Region 6 (Santa Clara)      | 21.97               | (18.31 - 26.13)                    | 14.72             | (12.51 - 17.25)                  | 15.66             | (13.58 - 17.99)                  |
| Region 7R (Contra Costa)    | 24.77               | (20.79 - 29.23)                    | 17.15             | (14.41 - 20.28)                  | 18.15             | (15.59 - 21.03)                  |
| Region 8R (Alameda)         | 25.77               | (21.47 - 30.59)                    | 17.86             | (15.06 - 21.05)                  | 18.91             | (16.28 - 21.86)                  |
| Region 9R (San Mateo)       | 21.26               | (17.37 - 25.76)                    | 15.12             | (12.44 - 18.27)                  | 15.81             | (13.26 - 18.75)                  |
| Region 10                   | 21.18               | (17.47 - 25.45)                    | 16.39             | (13.56 - 19.67)                  | 17.18             | (14.56 - 20.16)                  |
| Region 11 (Los Angeles)     | 20.36               | (18.55 - 22.29)                    | 16.51             | (15.22 - 17.90)                  | 17.09             | (15.92 - 18.33)                  |
| LA SPA 1 and 5              | 24.12               | (20.16 - 28.59)                    | 18.41             | (15.17 - 22.15)                  | 19.27             | (16.28 - 22.65)                  |
| LA SPA 2                    | 22.17               | (18.57 - 26.23)                    | 17.45             | (14.78 - 20.49)                  | 18.11             | (15.64 - 20.87)                  |
| LA SPA 3                    | 20.01               | (16.63 - 23.87)                    | 13.89             | (11.52 - 16.66)                  | 14.79             | (12.59 - 17.30)                  |
| LA SPA 4                    | 21.04               | (17.12 - 25.57)                    | 19.16             | (15.98 - 22.81)                  | 19.41             | (16.47 - 22.74)                  |
| LA SPA 6                    | 16.91               | (13.77 - 20.58)                    | 15.37             | (12.83 - 18.30)                  | 15.66             | (13.39 - 18.24)                  |
| LA SPA 7                    | 18.02               | (14.73 - 21.85)                    | 14.52             | (12.04 - 17.41)                  | 15.10             | (12.82 - 17.70)                  |
| LA SPA 8                    | 20.08               | (16.59 - 24.11)                    | 16.99             | (14.30 - 20.07)                  | 17.43             | (14.95 - 20.22)                  |
| Region 12R                  | 22.52               | (18.59 - 27.01)                    | 17.00             | (14.15 - 20.28)                  | 17.85             | (15.23 - 20.82)                  |
| Regions 13 and 19R          | 20.93               | (17.86 - 24.36)                    | 16.48             | (14.15 - 19.10)                  | 17.21             | (15.11 - 19.54)                  |
| Region 14 (Orange)          | 21.74               | (18.29 - 25.64)                    | 15.36             | (13.06 - 17.97)                  | 16.28             | (14.14 - 18.68)                  |
| Region 15R (Fresno)         | 19.80               | (16.21 - 23.95)                    | 17.56             | (14.67 - 20.88)                  | 17.95             | (15.33 - 20.90)                  |
| Region 16R (San Diego)      | 21.23               | (18.04 - 24.81)                    | 17.41             | (15.13 - 19.94)                  | 18.00             | (15.94 - 20.27)                  |
| Region 17R                  | 19.06               | (15.93 - 22.63)                    | 17.38             | (14.81 - 20.30)                  | 17.67             | (15.37 - 20.24)                  |
| Region 18R (San Bernardino) | 18.31               | (15.28 - 21.78)                    | 16.66             | (14.23 - 19.42)                  | 16.94             | (14.77 - 19.36)                  |
| Region 20R                  | 20.29               | (16.64 - 24.50)                    | 18.40             | (15.42 - 21.80)                  | 18.72             | (16.00 - 21.77)                  |
| Region 21R                  | 21.66               | (17.80 - 26.08)                    | 15.55             | (12.95 - 18.57)                  | 16.57             | (14.10 - 19.37)                  |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 25.10               | (22.44 - 27.96)                       | 19.33             | (17.39 - 21.43)                     | 20.16             | (18.38 - 22.07)                     |
| Region 1                                  | 25.77               | (21.37 - 30.72)                       | 19.28             | (16.21 - 22.78)                     | 20.22             | (17.37 - 23.41)                     |
| Region 2                                  | 24.32               | (19.83 - 29.45)                       | 20.82             | (17.03 - 25.20)                     | 21.36             | (17.88 - 25.32)                     |
| Region 3                                  | 25.83               | (21.80 - 30.32)                       | 19.47             | (16.45 - 22.90)                     | 20.35             | (17.59 - 23.43)                     |
| Region 4                                  | 23.17               | (18.67 - 28.38)                       | 19.10             | (15.33 - 23.54)                     | 19.66             | (16.19 - 23.66)                     |
| Region 5                                  | 22.98               | (18.71 - 27.88)                       | 20.13             | (16.50 - 24.32)                     | 20.51             | (17.16 - 24.33)                     |
| Region 6                                  | 26.66               | (22.10 - 31.77)                       | 18.43             | (15.41 - 21.90)                     | 19.60             | (16.76 - 22.78)                     |
| Region 7                                  | 24.35               | (19.97 - 29.35)                       | 18.74             | (15.46 - 22.53)                     | 19.65             | (16.61 - 23.08)                     |
| <b>Connecticut</b>                        | 22.05               | (19.44 - 24.91)                       | 16.78             | (14.97 - 18.75)                     | 17.51             | (15.86 - 19.30)                     |
| Eastern                                   | 24.97               | (20.44 - 30.12)                       | 19.05             | (15.81 - 22.78)                     | 20.08             | (17.09 - 23.45)                     |
| North Central                             | 21.55               | (17.73 - 25.93)                       | 17.08             | (14.31 - 20.27)                     | 17.68             | (15.12 - 20.58)                     |
| Northwestern                              | 21.78               | (17.68 - 26.53)                       | 16.26             | (13.42 - 19.56)                     | 16.96             | (14.31 - 19.99)                     |
| South Central                             | 22.95               | (18.78 - 27.73)                       | 16.50             | (13.65 - 19.82)                     | 17.42             | (14.76 - 20.43)                     |
| Southwest                                 | 19.40               | (15.84 - 23.55)                       | 15.72             | (12.75 - 19.23)                     | 16.22             | (13.49 - 19.38)                     |
| <b>Delaware</b>                           | 21.16               | (18.77 - 23.77)                       | 18.22             | (16.24 - 20.40)                     | 18.62             | (16.84 - 20.55)                     |
| Kent                                      | 19.89               | (16.20 - 24.19)                       | 18.49             | (15.40 - 22.05)                     | 18.71             | (15.91 - 21.87)                     |
| New Castle (excluding<br>Wilmington City) | 22.67               | (19.56 - 26.12)                       | 18.22             | (15.70 - 21.04)                     | 18.86             | (16.61 - 21.35)                     |
| Sussex                                    | 20.19               | (16.48 - 24.48)                       | 17.58             | (14.50 - 21.15)                     | 17.85             | (14.96 - 21.15)                     |
| Wilmington City                           | 16.17               | (12.73 - 20.34)                       | 19.60             | (15.73 - 24.16)                     | 19.14             | (15.62 - 23.23)                     |
| <b>District of Columbia</b>               | 20.69               | (18.26 - 23.34)                       | 18.62             | (16.85 - 20.53)                     | 18.97             | (17.37 - 20.69)                     |
| Ward 1                                    | 19.91               | (16.03 - 24.47)                       | 20.64             | (17.22 - 24.54)                     | 20.50             | (17.42 - 23.97)                     |
| Ward 2                                    | 26.82               | (22.03 - 32.21)                       | 21.38             | (17.75 - 25.53)                     | 22.79             | (19.53 - 26.41)                     |
| Ward 3                                    | 25.54               | (20.84 - 30.89)                       | 18.75             | (15.51 - 22.50)                     | 19.87             | (16.82 - 23.33)                     |
| Ward 4                                    | 17.76               | (14.12 - 22.10)                       | 16.27             | (13.48 - 19.52)                     | 16.44             | (13.82 - 19.45)                     |
| Ward 5                                    | 19.34               | (15.44 - 23.94)                       | 16.05             | (13.13 - 19.46)                     | 16.60             | (13.91 - 19.68)                     |
| Ward 6                                    | 21.58               | (17.70 - 26.04)                       | 20.60             | (17.46 - 24.15)                     | 20.73             | (17.82 - 23.97)                     |
| Ward 7                                    | 13.88               | (10.91 - 17.49)                       | 16.04             | (13.18 - 19.37)                     | 15.68             | (13.11 - 18.64)                     |
| Ward 8                                    | 14.79               | (11.66 - 18.60)                       | 18.96             | (15.58 - 22.88)                     | 18.14             | (15.19 - 21.52)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 19.62               | (18.16 - 21.17)                       | 16.47             | (15.32 - 17.69)                     | 16.87             | (15.82 - 17.96)                     |
| Broward (Circuit 17)                                                    | 17.54               | (14.51 - 21.04)                       | 14.17             | (11.78 - 16.95)                     | 14.58             | (12.36 - 17.12)                     |
| Central I                                                               | 19.57               | (17.12 - 22.27)                       | 17.11             | (15.11 - 19.31)                     | 17.46             | (15.65 - 19.44)                     |
| Circuit 9                                                               | 19.18               | (16.23 - 22.53)                       | 17.36             | (14.80 - 20.26)                     | 17.64             | (15.34 - 20.21)                     |
| Circuit 18                                                              | 20.31               | (16.75 - 24.39)                       | 16.76             | (14.04 - 19.90)                     | 17.20             | (14.65 - 20.08)                     |
| Central II                                                              | 20.34               | (18.33 - 22.52)                       | 16.49             | (14.96 - 18.14)                     | 16.92             | (15.50 - 18.45)                     |
| Circuit 6                                                               | 20.03               | (16.60 - 23.97)                       | 16.79             | (14.14 - 19.83)                     | 17.12             | (14.64 - 19.93)                     |
| Circuit 10                                                              | 18.64               | (15.34 - 22.47)                       | 16.47             | (13.72 - 19.64)                     | 16.74             | (14.20 - 19.64)                     |
| Circuit 12                                                              | 20.35               | (16.59 - 24.71)                       | 15.35             | (12.53 - 18.68)                     | 15.83             | (13.14 - 18.94)                     |
| Circuit 13 (Hillsborough)                                               | 21.34               | (18.03 - 25.07)                       | 17.79             | (14.98 - 20.99)                     | 18.28             | (15.70 - 21.18)                     |
| Circuit 20                                                              | 20.52               | (16.82 - 24.78)                       | 15.61             | (12.88 - 18.79)                     | 16.11             | (13.52 - 19.08)                     |
| Northeast                                                               | 20.09               | (17.89 - 22.49)                       | 16.65             | (14.88 - 18.58)                     | 17.09             | (15.47 - 18.84)                     |
| Circuit 4                                                               | 18.72               | (15.46 - 22.49)                       | 16.46             | (13.76 - 19.57)                     | 16.77             | (14.28 - 19.60)                     |
| Circuit 5                                                               | 21.95               | (18.11 - 26.35)                       | 16.15             | (13.37 - 19.38)                     | 16.70             | (14.06 - 19.71)                     |
| Circuit 7                                                               | 20.58               | (16.94 - 24.78)                       | 16.81             | (13.80 - 20.32)                     | 17.24             | (14.45 - 20.45)                     |
| Circuit 8 plus Columbia, Dixie,<br>Hamilton, Lafayette, and<br>Suwannee | 19.80               | (16.05 - 24.16)                       | 17.92             | (14.75 - 21.59)                     | 18.28             | (15.44 - 21.50)                     |
| Northwest                                                               | 21.26               | (18.78 - 23.97)                       | 18.73             | (16.56 - 21.12)                     | 19.14             | (17.19 - 21.25)                     |
| Circuit 1                                                               | 20.53               | (17.15 - 24.39)                       | 18.58             | (15.53 - 22.06)                     | 18.85             | (16.08 - 21.98)                     |
| Circuit 2 plus Madison and<br>Taylor                                    | 21.97               | (18.21 - 26.26)                       | 18.46             | (15.23 - 22.19)                     | 19.19             | (16.34 - 22.42)                     |
| Circuit 14                                                              | 21.40               | (17.42 - 26.01)                       | 19.48             | (15.97 - 23.54)                     | 19.72             | (16.46 - 23.44)                     |
| South (Circuits 11 and 16)                                              | 17.40               | (14.63 - 20.57)                       | 15.56             | (13.30 - 18.12)                     | 15.80             | (13.72 - 18.13)                     |
| Southeast                                                               | 20.49               | (17.61 - 23.71)                       | 17.03             | (14.73 - 19.62)                     | 17.42             | (15.26 - 19.81)                     |
| Circuit 15 (Palm Beach)                                                 | 20.95               | (17.41 - 24.99)                       | 16.81             | (13.99 - 20.07)                     | 17.28             | (14.63 - 20.29)                     |
| Circuit 19                                                              | 19.44               | (15.81 - 23.67)                       | 17.52             | (14.28 - 21.31)                     | 17.73             | (14.69 - 21.24)                     |
| <b>Georgia</b>                                                          | 19.58               | (17.60 - 21.74)                       | 17.26             | (15.73 - 18.91)                     | 17.60             | (16.23 - 19.07)                     |
| Region 1                                                                | 19.56               | (16.30 - 23.29)                       | 16.72             | (14.26 - 19.50)                     | 17.10             | (14.84 - 19.61)                     |
| Region 2                                                                | 19.85               | (16.34 - 23.89)                       | 18.35             | (15.49 - 21.61)                     | 18.60             | (16.00 - 21.51)                     |
| Region 3                                                                | 20.38               | (17.33 - 23.80)                       | 15.53             | (13.26 - 18.11)                     | 16.22             | (14.16 - 18.52)                     |
| Region 4                                                                | 18.83               | (15.08 - 23.26)                       | 20.39             | (16.86 - 24.43)                     | 20.13             | (16.97 - 23.70)                     |
| Region 5                                                                | 18.59               | (15.15 - 22.59)                       | 18.75             | (15.53 - 22.45)                     | 18.72             | (15.82 - 22.01)                     |
| Region 6                                                                | 18.99               | (15.53 - 23.01)                       | 18.49             | (15.40 - 22.04)                     | 18.56             | (15.77 - 21.72)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 21.03               | (18.38 - 23.96)                       | 14.60             | (12.90 - 16.49)                     | 15.44             | (13.86 - 17.16)                     |
| Hawaii Island                   | 21.20               | (17.20 - 25.84)                       | 16.24             | (13.27 - 19.73)                     | 16.86             | (14.06 - 20.07)                     |
| Honolulu                        | 20.98               | (17.99 - 24.32)                       | 13.89             | (11.95 - 16.08)                     | 14.84             | (13.06 - 16.83)                     |
| Kauai                           | 21.04               | (16.65 - 26.22)                       | 14.79             | (11.77 - 18.42)                     | 15.50             | (12.64 - 18.86)                     |
| Maui                            | 21.24               | (16.98 - 26.22)                       | 16.99             | (13.84 - 20.69)                     | 17.49             | (14.53 - 20.89)                     |
| <b>Idaho</b>                    | 24.40               | (21.86 - 27.13)                       | 21.17             | (19.23 - 23.26)                     | 21.64             | (19.90 - 23.49)                     |
| Region 1                        | 24.83               | (20.29 - 30.01)                       | 20.28             | (16.76 - 24.33)                     | 20.82             | (17.56 - 24.51)                     |
| Region 2                        | 24.74               | (20.15 - 30.00)                       | 19.46             | (15.77 - 23.76)                     | 20.38             | (17.02 - 24.20)                     |
| Region 3                        | 22.64               | (18.76 - 27.07)                       | 21.70             | (18.23 - 25.62)                     | 21.83             | (18.69 - 25.34)                     |
| Region 4                        | 26.31               | (22.28 - 30.78)                       | 22.30             | (19.31 - 25.61)                     | 22.83             | (20.08 - 25.83)                     |
| Region 5                        | 22.33               | (18.23 - 27.04)                       | 20.58             | (17.14 - 24.52)                     | 20.83             | (17.67 - 24.38)                     |
| Region 6                        | *                   | (* - *)                               | 21.30             | (17.56 - 25.59)                     | 21.83             | (18.40 - 25.71)                     |
| Region 7                        | 23.83               | (19.67 - 28.55)                       | 20.47             | (17.07 - 24.33)                     | 21.08             | (18.05 - 24.48)                     |
| <b>Illinois</b>                 | 19.06               | (17.35 - 20.89)                       | 15.36             | (14.16 - 16.65)                     | 15.89             | (14.80 - 17.04)                     |
| Region 1 (Cook)                 | 17.98               | (15.98 - 20.17)                       | 14.53             | (13.06 - 16.12)                     | 15.00             | (13.66 - 16.45)                     |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | 17.13             | (14.05 - 20.72)                     | 17.57             | (14.67 - 20.89)                     |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | 15.84             | (12.84 - 19.39)                     | 16.07             | (13.26 - 19.35)                     |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | 19.42             | (15.99 - 23.37)                     | 19.80             | (16.63 - 23.41)                     |
| Region 1.4 (West Side)          | 15.74               | (12.58 - 19.50)                       | 16.33             | (13.36 - 19.81)                     | 16.23             | (13.54 - 19.34)                     |
| Region 1.5 (South Side)         | 16.49               | (13.08 - 20.57)                       | 14.73             | (11.91 - 18.08)                     | 15.00             | (12.40 - 18.03)                     |
| Region 1.6 (Southwest Side)     | 14.50               | (11.49 - 18.13)                       | 14.82             | (12.03 - 18.13)                     | 14.77             | (12.23 - 17.71)                     |
| Region 1.7 (Suburban Cook)      | 18.24               | (15.36 - 21.54)                       | 12.46             | (10.55 - 14.66)                     | 13.21             | (11.43 - 15.21)                     |
| Region 2                        | 19.40               | (17.12 - 21.90)                       | 15.05             | (13.52 - 16.73)                     | 15.67             | (14.27 - 17.18)                     |
| Region 2a (DuPage)              | 21.42               | (17.72 - 25.65)                       | 14.60             | (12.13 - 17.48)                     | 15.51             | (13.19 - 18.15)                     |
| Region 2b                       | 18.26               | (15.34 - 21.59)                       | 14.34             | (12.30 - 16.65)                     | 14.91             | (13.05 - 16.99)                     |
| Region 2c (Winnebago)           | *                   | (* - *)                               | 17.48             | (14.27 - 21.23)                     | 17.90             | (14.91 - 21.35)                     |
| Region 2d                       | 19.96               | (16.24 - 24.29)                       | 16.95             | (13.98 - 20.40)                     | 17.41             | (14.68 - 20.51)                     |
| Region 3                        | 20.95               | (17.97 - 24.28)                       | 17.72             | (15.24 - 20.50)                     | 18.25             | (16.02 - 20.71)                     |
| Region 3a (Champaign)           | 22.47               | (18.33 - 27.23)                       | 17.49             | (14.38 - 21.10)                     | 18.87             | (16.09 - 22.01)                     |
| Region 3b                       | 20.45               | (17.02 - 24.37)                       | 17.75             | (15.03 - 20.84)                     | 18.14             | (15.65 - 20.93)                     |
| Region 4                        | 20.23               | (16.98 - 23.92)                       | 16.42             | (14.07 - 19.08)                     | 16.93             | (14.74 - 19.38)                     |
| Region 4a (Sangamon)            | *                   | (* - *)                               | 16.99             | (13.83 - 20.70)                     | 17.45             | (14.48 - 20.87)                     |
| Region 4b                       | 20.13               | (16.41 - 24.45)                       | 16.25             | (13.50 - 19.44)                     | 16.79             | (14.22 - 19.71)                     |
| Region 5                        | 18.96               | (16.30 - 21.93)                       | 16.45             | (14.20 - 18.98)                     | 16.80             | (14.74 - 19.07)                     |
| Region 5a                       | 18.29               | (14.78 - 22.43)                       | 16.86             | (13.83 - 20.39)                     | 17.06             | (14.25 - 20.28)                     |
| Region 5b                       | 19.48               | (16.09 - 23.38)                       | 16.12             | (13.24 - 19.49)                     | 16.59             | (13.95 - 19.62)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                    | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                           | 24.07               | (21.50 - 26.84)                       | 19.35             | (17.47 - 21.38)                     | 20.06             | (18.36 - 21.87)                     |
| Central                                  | 23.73               | (19.74 - 28.23)                       | 17.45             | (14.68 - 20.62)                     | 18.32             | (15.75 - 21.21)                     |
| East                                     | 23.88               | (19.52 - 28.87)                       | 19.21             | (15.63 - 23.39)                     | 19.96             | (16.69 - 23.68)                     |
| North Central                            | 23.76               | (19.44 - 28.69)                       | 19.97             | (16.73 - 23.67)                     | 20.52             | (17.54 - 23.86)                     |
| Northeast                                | 24.77               | (20.36 - 29.78)                       | 19.67             | (16.16 - 23.73)                     | 20.41             | (17.19 - 24.06)                     |
| Northwest                                | 21.76               | (17.49 - 26.75)                       | 19.16             | (15.64 - 23.25)                     | 19.53             | (16.28 - 23.25)                     |
| Southeast                                | 26.22               | (21.55 - 31.51)                       | 21.24             | (17.54 - 25.48)                     | 21.87             | (18.42 - 25.76)                     |
| Southwest                                | 24.96               | (20.35 - 30.22)                       | 19.90             | (16.25 - 24.13)                     | 20.60             | (17.21 - 24.45)                     |
| West                                     | 24.44               | (19.90 - 29.64)                       | 20.97             | (17.35 - 25.13)                     | 21.73             | (18.47 - 25.38)                     |
| <b>Iowa</b>                              | 20.63               | (18.22 - 23.27)                       | 16.91             | (15.23 - 18.74)                     | 17.47             | (15.94 - 19.12)                     |
| Central                                  | 21.03               | (17.14 - 25.54)                       | 17.14             | (14.35 - 20.35)                     | 17.69             | (15.08 - 20.65)                     |
| North Central                            | 21.97               | (17.84 - 26.75)                       | 16.61             | (13.74 - 19.94)                     | 17.63             | (15.01 - 20.58)                     |
| Northeast                                | 21.22               | (17.64 - 25.30)                       | 17.36             | (14.56 - 20.56)                     | 17.94             | (15.40 - 20.80)                     |
| Northwest                                | 18.25               | (14.60 - 22.57)                       | 15.64             | (12.84 - 18.92)                     | 16.00             | (13.40 - 19.00)                     |
| Southeast                                | 20.33               | (16.56 - 24.70)                       | 17.40             | (14.59 - 20.61)                     | 17.86             | (15.28 - 20.78)                     |
| Southwest                                | 20.61               | (16.68 - 25.18)                       | 16.65             | (13.56 - 20.29)                     | 17.16             | (14.28 - 20.49)                     |
| <b>Kansas</b>                            | 20.19               | (17.80 - 22.82)                       | 17.39             | (15.49 - 19.47)                     | 17.82             | (16.11 - 19.67)                     |
| Northeast                                | 21.10               | (18.04 - 24.51)                       | 17.89             | (15.44 - 20.65)                     | 18.41             | (16.21 - 20.84)                     |
| Northwest and North Central              | *                   | (* - *)                               | 17.03             | (13.63 - 21.08)                     | 17.39             | (14.23 - 21.08)                     |
| South Central                            | 19.46               | (15.92 - 23.57)                       | 16.60             | (13.85 - 19.77)                     | 17.01             | (14.49 - 19.88)                     |
| Southeast                                | *                   | (* - *)                               | 18.31             | (14.73 - 22.54)                     | 18.46             | (15.18 - 22.26)                     |
| Southwest                                | 17.10               | (13.42 - 21.53)                       | 16.29             | (12.96 - 20.29)                     | 16.42             | (13.37 - 19.99)                     |
| <b>Kentucky</b>                          | 20.01               | (17.59 - 22.66)                       | 21.41             | (19.38 - 23.60)                     | 21.21             | (19.38 - 23.17)                     |
| Adanta, Cumberland River, and Lifeskills | 19.18               | (15.59 - 23.37)                       | 22.15             | (18.61 - 26.13)                     | 21.72             | (18.52 - 25.30)                     |
| Bluegrass, Comprehend, and North Key     | 20.65               | (17.08 - 24.74)                       | 21.29             | (18.23 - 24.72)                     | 21.20             | (18.44 - 24.24)                     |
| Centerstone                              | 20.14               | (16.35 - 24.55)                       | 20.36             | (17.14 - 24.01)                     | 20.33             | (17.40 - 23.62)                     |
| Communicare and River Valley             | 19.04               | (15.12 - 23.70)                       | 19.76             | (16.13 - 23.96)                     | 19.66             | (16.33 - 23.48)                     |
| Four Rivers and Pennyroyal               | 20.22               | (16.30 - 24.80)                       | 21.29             | (17.44 - 25.72)                     | 21.13             | (17.66 - 25.07)                     |
| Kentucky River, Mountain, and Pathways   | 20.00               | (15.94 - 24.79)                       | 24.44             | (20.31 - 29.11)                     | 23.85             | (20.12 - 28.04)                     |

See notes at end of table.

(continued)

**Table 11** *Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 16.47               | (14.24 - 18.98)                       | 17.94             | (16.10 - 19.94)                     | 17.72             | (16.07 - 19.51)                     |
| Regions 1 and 10      | 17.00               | (13.96 - 20.54)                       | 18.25             | (15.53 - 21.33)                     | 18.08             | (15.59 - 20.87)                     |
| Region 1              | 16.49               | (12.84 - 20.93)                       | 18.21             | (14.85 - 22.13)                     | 17.94             | (14.87 - 21.49)                     |
| Region 10 (Jefferson) | 17.71               | (14.07 - 22.05)                       | 18.30             | (14.86 - 22.33)                     | 18.23             | (15.06 - 21.90)                     |
| Regions 2 and 9       | 17.00               | (14.01 - 20.47)                       | 17.43             | (14.71 - 20.52)                     | 17.36             | (14.92 - 20.10)                     |
| Region 3              | 16.77               | (13.23 - 21.03)                       | 16.47             | (13.44 - 20.03)                     | 16.52             | (13.74 - 19.73)                     |
| Regions 4, 5, and 6   | 16.76               | (13.35 - 20.83)                       | 18.73             | (15.75 - 22.12)                     | 18.44             | (15.74 - 21.49)                     |
| Regions 7 and 8       | 14.80               | (11.71 - 18.52)                       | 17.92             | (14.88 - 21.43)                     | 17.44             | (14.73 - 20.53)                     |
| <b>Maine</b>          | 22.77               | (20.19 - 25.58)                       | 18.07             | (16.28 - 20.01)                     | 18.64             | (16.98 - 20.42)                     |
| Aroostook/Downeast    | 22.05               | (18.49 - 26.07)                       | 18.21             | (15.41 - 21.38)                     | 18.63             | (16.01 - 21.58)                     |
| Aroostook             | 21.74               | (17.33 - 26.90)                       | 17.55             | (14.22 - 21.46)                     | 18.03             | (14.89 - 21.67)                     |
| Downeast              | 22.32               | (17.87 - 27.49)                       | 18.73             | (15.02 - 23.11)                     | 19.12             | (15.62 - 23.18)                     |
| Central               | 24.45               | (19.76 - 29.83)                       | 18.56             | (15.18 - 22.50)                     | 19.25             | (16.07 - 22.89)                     |
| Cumberland            | 24.03               | (19.90 - 28.69)                       | 17.01             | (14.15 - 20.33)                     | 17.88             | (15.20 - 20.91)                     |
| Midcoast              | 22.48               | (17.98 - 27.71)                       | 17.74             | (14.54 - 21.48)                     | 18.22             | (15.18 - 21.72)                     |
| Penquis               | 21.77               | (17.61 - 26.59)                       | 18.39             | (15.09 - 22.23)                     | 18.89             | (15.84 - 22.36)                     |
| Western               | 22.44               | (18.32 - 27.17)                       | 19.45             | (16.18 - 23.19)                     | 19.82             | (16.80 - 23.24)                     |
| York                  | 21.54               | (17.69 - 25.97)                       | 17.72             | (14.55 - 21.40)                     | 18.15             | (15.22 - 21.50)                     |
| <b>Maryland</b>       | 21.69               | (19.25 - 24.35)                       | 15.96             | (14.27 - 17.80)                     | 16.74             | (15.19 - 18.41)                     |
| Anne Arundel          | 24.47               | (19.97 - 29.59)                       | 16.56             | (13.51 - 20.15)                     | 17.59             | (14.71 - 20.89)                     |
| Baltimore City        | 17.53               | (14.20 - 21.45)                       | 17.89             | (14.65 - 21.67)                     | 17.83             | (14.91 - 21.19)                     |
| Baltimore County      | 22.78               | (18.43 - 27.81)                       | 16.69             | (13.65 - 20.25)                     | 17.52             | (14.67 - 20.79)                     |
| Montgomery            | 23.65               | (19.35 - 28.57)                       | 14.69             | (12.06 - 17.77)                     | 15.72             | (13.23 - 18.58)                     |
| North Central         | 24.90               | (20.10 - 30.42)                       | 16.34             | (13.17 - 20.09)                     | 17.44             | (14.43 - 20.92)                     |
| Northeast             | 24.49               | (19.88 - 29.77)                       | 17.98             | (14.63 - 21.92)                     | 18.81             | (15.65 - 22.44)                     |
| Prince George's       | 17.76               | (14.26 - 21.90)                       | 13.08             | (10.59 - 16.06)                     | 13.80             | (11.50 - 16.49)                     |
| South                 | 21.14               | (16.93 - 26.07)                       | 16.01             | (13.05 - 19.49)                     | 16.77             | (14.02 - 19.94)                     |
| West                  | 22.68               | (18.27 - 27.81)                       | 16.78             | (13.66 - 20.44)                     | 17.57             | (14.64 - 20.93)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 22.93               | (20.28 - 25.81)                       | 18.68             | (16.79 - 20.72)                     | 19.31             | (17.57 - 21.18)                     |
| Boston                | 24.15               | (19.69 - 29.26)                       | 22.62             | (18.82 - 26.93)                     | 22.93             | (19.53 - 26.72)                     |
| Central               | 21.90               | (17.66 - 26.82)                       | 18.29             | (15.09 - 21.99)                     | 18.81             | (15.86 - 22.17)                     |
| Metrowest             | 22.92               | (18.72 - 27.74)                       | 16.08             | (13.32 - 19.29)                     | 17.01             | (14.39 - 20.00)                     |
| Northeast             | 21.40               | (17.61 - 25.74)                       | 19.48             | (16.41 - 22.97)                     | 19.74             | (16.90 - 22.92)                     |
| Southeast             | 23.46               | (19.12 - 28.45)                       | 18.46             | (15.35 - 22.05)                     | 19.11             | (16.18 - 22.42)                     |
| Western               | 23.54               | (19.35 - 28.32)                       | 19.28             | (15.76 - 23.35)                     | 19.99             | (16.77 - 23.65)                     |
| <b>Michigan</b>       | 22.17               | (20.44 - 24.00)                       | 16.94             | (15.64 - 18.31)                     | 17.70             | (16.54 - 18.92)                     |
| Region 1              | 23.04               | (18.93 - 27.73)                       | 16.83             | (13.79 - 20.40)                     | 17.72             | (14.88 - 20.96)                     |
| Region 2              | 24.25               | (20.03 - 29.03)                       | 16.11             | (13.17 - 19.57)                     | 17.00             | (14.22 - 20.19)                     |
| Region 3              | 23.46               | (20.02 - 27.28)                       | 18.87             | (16.14 - 21.94)                     | 19.57             | (17.10 - 22.31)                     |
| Region 4              | 23.55               | (19.94 - 27.58)                       | 17.08             | (14.43 - 20.09)                     | 18.05             | (15.63 - 20.76)                     |
| Region 5              | 23.31               | (20.10 - 26.85)                       | 17.53             | (15.27 - 20.06)                     | 18.51             | (16.48 - 20.74)                     |
| Region 6              | 23.30               | (19.46 - 27.64)                       | 16.00             | (13.37 - 19.04)                     | 17.21             | (14.76 - 19.97)                     |
| Region 7              | 18.59               | (15.80 - 21.75)                       | 15.91             | (13.46 - 18.70)                     | 16.31             | (14.12 - 18.76)                     |
| Region 8              | 22.22               | (18.67 - 26.22)                       | 15.60             | (13.22 - 18.32)                     | 16.42             | (14.20 - 18.92)                     |
| Region 9              | 21.25               | (17.73 - 25.25)                       | 17.00             | (14.17 - 20.27)                     | 17.54             | (14.91 - 20.52)                     |
| Region 10             | 21.89               | (18.11 - 26.21)                       | 18.66             | (15.70 - 22.04)                     | 19.10             | (16.38 - 22.15)                     |
| <b>Minnesota</b>      | 24.10               | (21.52 - 26.87)                       | 18.13             | (16.37 - 20.04)                     | 18.96             | (17.34 - 20.69)                     |
| Regions 1 and 2       | 24.50               | (20.39 - 29.13)                       | 18.28             | (15.46 - 21.47)                     | 19.10             | (16.45 - 22.07)                     |
| Region 1              | *                   | (* - *)                               | 17.29             | (13.87 - 21.35)                     | 18.16             | (14.92 - 21.91)                     |
| Region 2              | *                   | (* - *)                               | 18.86             | (15.36 - 22.94)                     | 19.67             | (16.35 - 23.46)                     |
| Regions 3 and 4       | 22.97               | (19.31 - 27.09)                       | 17.20             | (14.71 - 20.02)                     | 18.03             | (15.70 - 20.61)                     |
| Region 3              | *                   | (* - *)                               | 18.40             | (14.84 - 22.58)                     | 19.12             | (15.77 - 22.98)                     |
| Region 4              | 22.60               | (18.38 - 27.46)                       | 16.55             | (13.58 - 20.02)                     | 17.43             | (14.69 - 20.56)                     |
| Regions 5 and 6       | 23.41               | (20.00 - 27.21)                       | 17.71             | (15.13 - 20.63)                     | 18.54             | (16.16 - 21.19)                     |
| Region 5              | 23.22               | (19.08 - 27.94)                       | 17.96             | (14.71 - 21.74)                     | 18.73             | (15.74 - 22.13)                     |
| Region 6              | 23.62               | (19.16 - 28.75)                       | 17.46             | (14.14 - 21.37)                     | 18.35             | (15.24 - 21.94)                     |
| Region 7              | 24.64               | (21.65 - 27.90)                       | 18.54             | (16.45 - 20.82)                     | 19.36             | (17.44 - 21.45)                     |
| Region 7A (Hennepin)  | 24.57               | (20.51 - 29.15)                       | 18.51             | (15.57 - 21.86)                     | 19.31             | (16.61 - 22.32)                     |
| Region 7B (Ramsey)    | 24.23               | (19.74 - 29.36)                       | 20.27             | (16.81 - 24.24)                     | 20.89             | (17.68 - 24.52)                     |
| Region 7C             | 24.95               | (20.78 - 29.63)                       | 17.82             | (15.01 - 21.02)                     | 18.74             | (16.10 - 21.69)                     |

See notes at end of table.

(continued)



**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 16.97               | (14.81 - 19.37)                       | 18.29             | (16.42 - 20.31)                     | 18.09             | (16.43 - 19.88)                     |
| Region 1                               | 17.39               | (14.10 - 21.27)                       | 18.67             | (15.68 - 22.09)                     | 18.48             | (15.78 - 21.51)                     |
| Region 2                               | 14.14               | (11.23 - 17.67)                       | 17.13             | (13.95 - 20.85)                     | 16.67             | (13.84 - 19.94)                     |
| Region 3                               | 17.82               | (14.21 - 22.11)                       | 18.57             | (15.23 - 22.45)                     | 18.44             | (15.44 - 21.86)                     |
| Region 4                               | 15.21               | (12.19 - 18.82)                       | 17.11             | (14.06 - 20.66)                     | 16.82             | (14.09 - 19.96)                     |
| Region 5                               | *                   | (* - *)                               | 18.70             | (15.01 - 23.04)                     | 18.38             | (15.03 - 22.29)                     |
| Region 6                               | 17.82               | (14.29 - 22.00)                       | 19.67             | (16.29 - 23.54)                     | 19.37             | (16.34 - 22.81)                     |
| Region 7                               | 19.47               | (15.73 - 23.86)                       | 18.71             | (15.37 - 22.58)                     | 18.82             | (15.76 - 22.31)                     |
| <b>Missouri</b>                        | 20.35               | (18.02 - 22.89)                       | 17.99             | (16.20 - 19.92)                     | 18.32             | (16.71 - 20.05)                     |
| Central                                | 19.97               | (16.21 - 24.35)                       | 16.58             | (13.61 - 20.06)                     | 17.17             | (14.50 - 20.23)                     |
| Eastern                                | 19.71               | (16.70 - 23.12)                       | 17.26             | (14.96 - 19.83)                     | 17.59             | (15.48 - 19.92)                     |
| Eastern (St. Louis City and<br>County) | 19.65               | (16.01 - 23.88)                       | 17.29             | (14.49 - 20.49)                     | 17.61             | (15.03 - 20.53)                     |
| Eastern (excluding St. Louis)          | 19.82               | (15.96 - 24.35)                       | 17.22             | (14.12 - 20.83)                     | 17.56             | (14.69 - 20.86)                     |
| Northwest                              | 21.32               | (18.05 - 25.01)                       | 18.59             | (15.98 - 21.52)                     | 18.97             | (16.57 - 21.63)                     |
| Northwest (Jackson)                    | 20.05               | (16.15 - 24.60)                       | 18.36             | (15.08 - 22.16)                     | 18.59             | (15.56 - 22.05)                     |
| Northwest (excluding Jackson)          | 22.34               | (18.10 - 27.24)                       | 18.79             | (15.41 - 22.70)                     | 19.30             | (16.19 - 22.83)                     |
| Southeast                              | 19.76               | (15.93 - 24.23)                       | 18.96             | (15.55 - 22.90)                     | 19.07             | (15.93 - 22.65)                     |
| Southwest                              | 21.05               | (17.18 - 25.53)                       | 19.11             | (15.84 - 22.87)                     | 19.38             | (16.39 - 22.77)                     |
| <b>Montana</b>                         | 24.06               | (21.60 - 26.70)                       | 19.28             | (17.37 - 21.34)                     | 19.95             | (18.22 - 21.80)                     |
| Region 1                               | *                   | (* - *)                               | 17.69             | (14.19 - 21.84)                     | 18.26             | (15.00 - 22.06)                     |
| Region 2                               | 23.33               | (19.27 - 27.96)                       | 19.37             | (16.07 - 23.17)                     | 19.95             | (16.94 - 23.35)                     |
| Region 3                               | 22.91               | (19.04 - 27.31)                       | 17.91             | (14.95 - 21.31)                     | 18.56             | (15.81 - 21.67)                     |
| Region 4                               | 25.91               | (22.03 - 30.21)                       | 19.35             | (16.44 - 22.63)                     | 20.33             | (17.69 - 23.26)                     |
| Region 5                               | 23.83               | (20.12 - 27.97)                       | 20.51             | (17.52 - 23.86)                     | 20.98             | (18.25 - 23.99)                     |
| <b>Nebraska</b>                        | 21.73               | (19.17 - 24.53)                       | 17.93             | (16.01 - 20.03)                     | 18.51             | (16.77 - 20.38)                     |
| Regions 1 and 2                        | 20.54               | (16.93 - 24.68)                       | 16.53             | (13.80 - 19.68)                     | 17.07             | (14.52 - 19.97)                     |
| Region 1                               | *                   | (* - *)                               | 16.45             | (13.08 - 20.48)                     | 17.07             | (13.92 - 20.76)                     |
| Region 2                               | *                   | (* - *)                               | 16.60             | (13.21 - 20.64)                     | 17.07             | (13.90 - 20.79)                     |
| Region 3                               | 20.74               | (16.74 - 25.41)                       | 17.28             | (14.16 - 20.91)                     | 17.79             | (14.91 - 21.09)                     |
| Region 4                               | 18.98               | (15.18 - 23.46)                       | 15.63             | (12.51 - 19.35)                     | 16.11             | (13.23 - 19.47)                     |
| Region 5                               | 23.23               | (19.21 - 27.81)                       | 18.50             | (15.53 - 21.89)                     | 19.30             | (16.60 - 22.32)                     |
| Region 6                               | 21.95               | (18.58 - 25.73)                       | 18.75             | (16.04 - 21.80)                     | 19.23             | (16.79 - 21.93)                     |

See notes at end of table.

(continued)

**Table 11** *Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region   | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 21.28               | (18.60 - 24.22)                       | 17.56             | (15.60 - 19.70)                     | 18.05             | (16.26 - 19.99)                     |
| Clark – Region 1        | 20.27               | (17.26 - 23.64)                       | 17.22             | (14.94 - 19.76)                     | 17.62             | (15.55 - 19.91)                     |
| Region 3                | 22.96               | (19.03 - 27.43)                       | 17.99             | (15.03 - 21.38)                     | 18.57             | (15.76 - 21.76)                     |
| Capital District        | *                   | (* - *)                               | 17.28             | (13.60 - 21.71)                     | 17.93             | (14.40 - 22.10)                     |
| Rural/Frontier          | *                   | (* - *)                               | 18.64             | (15.01 - 22.91)                     | 19.16             | (15.74 - 23.11)                     |
| Washoe – Region 2       | 24.71               | (20.30 - 29.72)                       | 18.80             | (15.49 - 22.63)                     | 19.60             | (16.51 - 23.11)                     |
| <b>New Hampshire</b>    | 27.87               | (24.85 - 31.11)                       | 20.00             | (18.01 - 22.15)                     | 21.07             | (19.25 - 23.01)                     |
| Central                 | 28.09               | (24.29 - 32.24)                       | 20.15             | (17.43 - 23.18)                     | 21.30             | (18.78 - 24.04)                     |
| Central 1               | 28.79               | (23.92 - 34.21)                       | 20.35             | (16.85 - 24.35)                     | 21.70             | (18.48 - 25.31)                     |
| Central 2               | 27.23               | (22.82 - 32.13)                       | 19.96             | (16.61 - 23.80)                     | 20.89             | (17.79 - 24.38)                     |
| Northern                | 26.82               | (22.06 - 32.19)                       | 19.65             | (16.15 - 23.70)                     | 20.66             | (17.42 - 24.33)                     |
| Southern                | 28.00               | (24.35 - 31.97)                       | 20.00             | (17.65 - 22.59)                     | 21.05             | (18.89 - 23.39)                     |
| Southern 1 (Rockingham) | 27.33               | (22.50 - 32.75)                       | 19.83             | (16.52 - 23.61)                     | 20.72             | (17.65 - 24.17)                     |
| Southern 2              | 28.37               | (24.14 - 33.01)                       | 20.12             | (17.25 - 23.33)                     | 21.25             | (18.62 - 24.14)                     |
| <b>New Jersey</b>       | 20.42               | (18.33 - 22.69)                       | 15.23             | (13.75 - 16.84)                     | 15.91             | (14.55 - 17.36)                     |
| Central                 | 21.25               | (17.73 - 25.24)                       | 14.96             | (12.65 - 17.61)                     | 15.76             | (13.58 - 18.20)                     |
| Metropolitan            | 19.18               | (15.97 - 22.86)                       | 14.83             | (12.33 - 17.72)                     | 15.44             | (13.17 - 18.02)                     |
| Northern                | 20.54               | (17.51 - 23.94)                       | 14.67             | (12.53 - 17.10)                     | 15.40             | (13.42 - 17.62)                     |
| Southern                | 20.90               | (17.57 - 24.68)                       | 16.86             | (14.18 - 19.93)                     | 17.40             | (14.94 - 20.17)                     |
| <b>New Mexico</b>       | 22.43               | (19.91 - 25.16)                       | 19.07             | (17.08 - 21.23)                     | 19.55             | (17.76 - 21.48)                     |
| Region 1                | 22.46               | (18.37 - 27.16)                       | 19.53             | (16.24 - 23.30)                     | 19.95             | (16.95 - 23.34)                     |
| Region 2                | 20.98               | (16.84 - 25.83)                       | 16.41             | (13.20 - 20.22)                     | 16.95             | (13.95 - 20.45)                     |
| Region 3 (Bernalillo)   | 25.22               | (21.36 - 29.52)                       | 20.47             | (17.38 - 23.96)                     | 21.14             | (18.34 - 24.25)                     |
| Region 4                | 20.53               | (16.39 - 25.40)                       | 19.88             | (16.39 - 23.91)                     | 19.98             | (16.83 - 23.56)                     |
| Region 5                | 20.29               | (17.00 - 24.02)                       | 17.76             | (15.12 - 20.74)                     | 18.16             | (15.74 - 20.85)                     |
| Region 5a               | 21.02               | (16.84 - 25.92)                       | 17.96             | (14.65 - 21.83)                     | 18.37             | (15.29 - 21.91)                     |
| Region 5b (Dona Ana)    | 19.81               | (15.91 - 24.38)                       | 17.56             | (14.21 - 21.50)                     | 17.97             | (14.94 - 21.46)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                             | 22.36               | (20.73 - 24.06)                       | 16.57             | (15.44 - 17.76)                     | 17.40             | (16.39 - 18.46)                     |
| Region 1: Long Island                       | 23.85               | (20.45 - 27.61)                       | 14.63             | (12.53 - 17.01)                     | 15.89             | (13.93 - 18.07)                     |
| Region 2: New York City                     | 20.70               | (18.75 - 22.80)                       | 16.90             | (15.39 - 18.52)                     | 17.43             | (16.06 - 18.88)                     |
| Region 2A (Bronx)                           | 17.18               | (14.07 - 20.80)                       | 16.31             | (13.62 - 19.41)                     | 16.45             | (14.04 - 19.19)                     |
| Region 2B (Kings)                           | 20.15               | (16.99 - 23.72)                       | 17.23             | (14.70 - 20.09)                     | 17.65             | (15.33 - 20.24)                     |
| Region 2C (New York)                        | 23.88               | (20.04 - 28.19)                       | 19.59             | (16.72 - 22.83)                     | 20.14             | (17.48 - 23.10)                     |
| Region 2D (Queens)                          | 20.80               | (17.44 - 24.61)                       | 14.95             | (12.58 - 17.67)                     | 15.69             | (13.46 - 18.22)                     |
| Region 2E (Richmond)                        | 24.70               | (20.23 - 29.79)                       | 16.23             | (13.20 - 19.80)                     | 17.40             | (14.53 - 20.70)                     |
| Region 3: Mid-Hudson                        | 22.45               | (18.94 - 26.39)                       | 14.65             | (12.42 - 17.21)                     | 15.78             | (13.71 - 18.09)                     |
| Region 4: Capital Region                    | 24.94               | (20.87 - 29.51)                       | 17.61             | (14.76 - 20.86)                     | 18.68             | (16.05 - 21.64)                     |
| Region 5: Mohawk Valley                     | *                   | (* - *)                               | 18.23             | (14.90 - 22.11)                     | 18.97             | (15.89 - 22.48)                     |
| Region 6: North Country                     | *                   | (* - *)                               | 18.78             | (15.47 - 22.61)                     | 19.39             | (16.30 - 22.91)                     |
| Region 7: Tug Hill Seaway                   | *                   | (* - *)                               | 18.80             | (15.53 - 22.58)                     | 19.57             | (16.60 - 22.92)                     |
| Region 8: Central                           | 22.91               | (19.08 - 27.26)                       | 18.25             | (15.46 - 21.42)                     | 19.00             | (16.46 - 21.83)                     |
| Region 9: Southern Tier                     | 26.21               | (21.76 - 31.21)                       | 19.51             | (16.13 - 23.40)                     | 20.77             | (17.68 - 24.24)                     |
| Region 10: Finger Lakes                     | 23.98               | (20.16 - 28.25)                       | 17.34             | (14.79 - 20.22)                     | 18.34             | (15.98 - 20.96)                     |
| Region 11: Western                          | 23.10               | (19.71 - 26.89)                       | 16.89             | (14.61 - 19.45)                     | 17.80             | (15.69 - 20.13)                     |
| <b>North Carolina</b>                       | 20.56               | (18.57 - 22.72)                       | 18.41             | (16.90 - 20.04)                     | 18.72             | (17.35 - 20.17)                     |
| Alliance Behavioral Healthcare 1            | 21.60               | (17.66 - 26.15)                       | 21.35             | (17.88 - 25.29)                     | 21.39             | (18.25 - 24.90)                     |
| Alliance Behavioral Healthcare 2            | 21.89               | (17.84 - 26.56)                       | 17.18             | (14.28 - 20.52)                     | 17.83             | (15.14 - 20.88)                     |
| Cardinal Innovations Healthcare Solutions 1 | 20.01               | (16.07 - 24.63)                       | 17.41             | (14.27 - 21.07)                     | 17.75             | (14.84 - 21.08)                     |
| Cardinal Innovations Healthcare Solutions 2 | 20.14               | (16.26 - 24.67)                       | 17.24             | (14.21 - 20.77)                     | 17.67             | (14.90 - 20.83)                     |
| Cardinal Innovations Healthcare Solutions 3 | 19.29               | (15.68 - 23.50)                       | 18.88             | (15.69 - 22.54)                     | 18.94             | (16.02 - 22.25)                     |
| CenterPoint Human Services                  | 19.69               | (15.95 - 24.05)                       | 17.81             | (14.59 - 21.57)                     | 18.07             | (15.10 - 21.47)                     |
| Eastpointe                                  | 18.00               | (14.67 - 21.89)                       | 17.10             | (14.13 - 20.53)                     | 17.22             | (14.53 - 20.30)                     |
| Partners Behavioral Health Management       | 21.38               | (17.42 - 25.95)                       | 20.13             | (16.56 - 24.25)                     | 20.29             | (17.02 - 24.01)                     |
| Sandhills Center 1                          | 19.61               | (15.79 - 24.10)                       | 18.48             | (15.04 - 22.50)                     | 18.63             | (15.45 - 22.30)                     |
| Sandhills Center 2                          | 20.53               | (16.62 - 25.09)                       | 18.23             | (15.05 - 21.91)                     | 18.59             | (15.66 - 21.91)                     |
| Smoky Mountain Center 1                     | 21.98               | (18.02 - 26.52)                       | 18.87             | (15.53 - 22.75)                     | 19.31             | (16.25 - 22.78)                     |
| Smoky Mountain Center 2                     | 22.27               | (18.17 - 26.99)                       | 18.50             | (15.25 - 22.26)                     | 18.91             | (15.86 - 22.39)                     |
| Trillium Health Resources 1                 | 20.06               | (16.29 - 24.45)                       | 17.47             | (14.41 - 21.02)                     | 17.88             | (15.09 - 21.05)                     |
| Trillium Health Resources 2                 | 21.78               | (17.80 - 26.37)                       | 18.71             | (15.25 - 22.74)                     | 19.21             | (16.06 - 22.82)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 21.69               | (19.32 - 24.25)                       | 15.90             | (14.20 - 17.76)                     | 16.94             | (15.42 - 18.58)                     |
| Badlands and West Central     | 20.31               | (16.99 - 24.10)                       | 14.34             | (12.17 - 16.83)                     | 15.22             | (13.19 - 17.49)                     |
| Badlands                      | *                   | (* - *)                               | 16.72             | (13.36 - 20.74)                     | 17.52             | (14.38 - 21.17)                     |
| West Central                  | 19.80               | (16.00 - 24.24)                       | 13.65             | (11.19 - 16.55)                     | 14.54             | (12.23 - 17.21)                     |
| Lake Region                   | *                   | (* - *)                               | 15.02             | (11.98 - 18.67)                     | 16.26             | (13.42 - 19.57)                     |
| North Central                 | 21.75               | (17.61 - 26.55)                       | 17.07             | (13.95 - 20.73)                     | 17.90             | (15.05 - 21.16)                     |
| Northeast                     | 22.07               | (18.26 - 26.43)                       | 15.97             | (13.15 - 19.25)                     | 17.47             | (14.89 - 20.38)                     |
| Northwest                     | *                   | (* - *)                               | 16.29             | (13.06 - 20.14)                     | 17.19             | (14.13 - 20.75)                     |
| South Central                 | *                   | (* - *)                               | 15.30             | (12.26 - 18.92)                     | 16.16             | (13.31 - 19.49)                     |
| Southeast                     | 22.12               | (18.88 - 25.74)                       | 17.16             | (14.49 - 20.22)                     | 18.18             | (15.86 - 20.76)                     |
| <b>Ohio</b>                   | 23.21               | (21.32 - 25.21)                       | 19.67             | (18.34 - 21.07)                     | 20.16             | (18.96 - 21.43)                     |
| Boards 2, 46, 55, and 68      | 23.24               | (18.97 - 28.13)                       | 19.92             | (16.47 - 23.88)                     | 20.37             | (17.19 - 23.98)                     |
| Boards 3, 52, and 85          | *                   | (* - *)                               | 17.83             | (14.68 - 21.48)                     | 18.49             | (15.54 - 21.85)                     |
| Boards 4 and 78               | 22.91               | (18.67 - 27.79)                       | 20.35             | (16.86 - 24.36)                     | 20.67             | (17.43 - 24.33)                     |
| Boards 5 and 60               | 24.81               | (20.26 - 29.99)                       | 20.58             | (16.89 - 24.84)                     | 21.32             | (17.96 - 25.11)                     |
| Boards 7, 15, 41, 79, and 84  | 23.01               | (18.69 - 27.99)                       | 19.43             | (16.17 - 23.17)                     | 19.86             | (16.83 - 23.29)                     |
| Boards 8, 13, and 83          | *                   | (* - *)                               | 18.40             | (15.21 - 22.09)                     | 18.98             | (16.00 - 22.37)                     |
| Board 9 (Butler)              | *                   | (* - *)                               | 19.58             | (16.15 - 23.53)                     | 20.29             | (17.13 - 23.87)                     |
| Board 12                      | 24.00               | (19.80 - 28.77)                       | 19.67             | (16.19 - 23.70)                     | 20.34             | (17.14 - 23.97)                     |
| Boards 18 and 47              | 22.45               | (18.99 - 26.33)                       | 19.49             | (16.75 - 22.56)                     | 19.89             | (17.37 - 22.67)                     |
| Boards 20, 32, 54, and 69     | 22.76               | (18.53 - 27.63)                       | 18.55             | (15.36 - 22.23)                     | 19.11             | (16.12 - 22.50)                     |
| Boards 21, 39, 51, 70, and 80 | 24.93               | (20.50 - 29.96)                       | 19.84             | (16.33 - 23.89)                     | 20.49             | (17.21 - 24.22)                     |
| Boards 22, 74, and 87         | 23.08               | (19.06 - 27.66)                       | 19.44             | (16.11 - 23.26)                     | 19.98             | (16.92 - 23.44)                     |
| Boards 23 and 45              | 24.14               | (19.96 - 28.88)                       | 20.45             | (17.09 - 24.28)                     | 20.98             | (17.89 - 24.44)                     |
| Board 25 (Franklin)           | 24.15               | (20.51 - 28.21)                       | 21.12             | (17.95 - 24.68)                     | 21.58             | (18.73 - 24.74)                     |
| Boards 27, 71, and 73         | 22.48               | (18.49 - 27.04)                       | 21.73             | (18.00 - 25.99)                     | 21.83             | (18.40 - 25.70)                     |
| Boards 28, 43, and 67         | 22.74               | (18.63 - 27.45)                       | 17.86             | (14.81 - 21.40)                     | 18.56             | (15.72 - 21.78)                     |
| Board 31 (Hamilton)           | 22.59               | (18.69 - 27.04)                       | 19.14             | (16.20 - 22.47)                     | 19.64             | (16.92 - 22.67)                     |
| Board 48 (Lucas)              | 22.31               | (18.40 - 26.78)                       | 20.54             | (17.07 - 24.51)                     | 20.80             | (17.63 - 24.39)                     |
| Boards 50 and 76              | 22.03               | (18.14 - 26.48)                       | 18.76             | (15.71 - 22.26)                     | 19.19             | (16.37 - 22.36)                     |
| Board 57 (Montgomery)         | 23.16               | (19.18 - 27.68)                       | 20.63             | (17.16 - 24.60)                     | 20.98             | (17.79 - 24.56)                     |
| Board 77 (Summit)             | 23.50               | (19.39 - 28.17)                       | 18.63             | (15.51 - 22.21)                     | 19.27             | (16.36 - 22.56)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 21.08               | (18.56 - 23.84)                       | 18.83             | (17.00 - 20.81)                     | 19.17             | (17.51 - 20.94)                     |
| Central                               | 24.12               | (19.75 - 29.11)                       | 19.65             | (16.32 - 23.47)                     | 20.37             | (17.32 - 23.80)                     |
| East Central                          | 21.18               | (17.06 - 25.99)                       | 18.23             | (14.95 - 22.03)                     | 18.65             | (15.64 - 22.08)                     |
| Northeast                             | 20.54               | (16.50 - 25.27)                       | 17.54             | (14.32 - 21.31)                     | 18.03             | (15.07 - 21.43)                     |
| Northwest and Southwest               | 20.81               | (16.85 - 25.41)                       | 19.00             | (15.71 - 22.79)                     | 19.28             | (16.27 - 22.69)                     |
| Oklahoma County                       | 19.49               | (15.69 - 23.96)                       | 18.71             | (15.58 - 22.29)                     | 18.82             | (15.96 - 22.05)                     |
| Southeast                             | 20.85               | (16.71 - 25.70)                       | 19.68             | (16.35 - 23.51)                     | 19.85             | (16.79 - 23.30)                     |
| Tulsa County                          | 21.16               | (17.23 - 25.71)                       | 18.90             | (15.78 - 22.48)                     | 19.22             | (16.36 - 22.46)                     |
| <b>Oregon</b>                         | 27.77               | (24.93 - 30.81)                       | 22.41             | (20.40 - 24.57)                     | 23.13             | (21.28 - 25.08)                     |
| Region 1 (Multnomah)                  | 28.23               | (23.44 - 33.57)                       | 25.15             | (21.58 - 29.10)                     | 25.54             | (22.23 - 29.16)                     |
| Region 2                              | 26.22               | (22.00 - 30.93)                       | 19.57             | (16.69 - 22.81)                     | 20.42             | (17.76 - 23.37)                     |
| Region 3                              | 28.95               | (24.97 - 33.28)                       | 23.83             | (20.54 - 27.47)                     | 24.61             | (21.62 - 27.86)                     |
| Region 4                              | 28.82               | (24.01 - 34.16)                       | 21.86             | (18.36 - 25.80)                     | 22.67             | (19.42 - 26.28)                     |
| Region 5 (Central)                    | *                   | (* - *)                               | 20.22             | (16.30 - 24.79)                     | 21.01             | (17.32 - 25.26)                     |
| Region 6 (Eastern)                    | *                   | (* - *)                               | 20.50             | (16.63 - 24.99)                     | 20.94             | (17.35 - 25.05)                     |
| <b>Pennsylvania</b>                   | 21.97               | (20.17 - 23.89)                       | 17.87             | (16.56 - 19.26)                     | 18.43             | (17.25 - 19.68)                     |
| Region 1 (Allegheny)                  | 23.78               | (19.80 - 28.28)                       | 18.56             | (15.65 - 21.88)                     | 19.22             | (16.52 - 22.24)                     |
| Regions 3, 8, 9, and 51               | 23.69               | (19.61 - 28.32)                       | 18.08             | (15.09 - 21.51)                     | 18.84             | (16.07 - 21.96)                     |
| Regions 4, 11, 37, and 49             | 20.66               | (16.98 - 24.90)                       | 17.34             | (14.34 - 20.80)                     | 17.78             | (15.00 - 20.95)                     |
| Regions 5, 18, 23, 24, and 46         | 23.28               | (19.48 - 27.57)                       | 18.12             | (15.19 - 21.48)                     | 18.78             | (16.06 - 21.85)                     |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 21.24               | (17.59 - 25.40)                       | 17.92             | (14.89 - 21.40)                     | 18.52             | (15.79 - 21.59)                     |
| Regions 7, 13, 20, and 33             | 21.36               | (18.18 - 24.93)                       | 16.02             | (13.78 - 18.55)                     | 16.71             | (14.66 - 18.99)                     |
| Regions 10, 15, 27, 32, 43, and 44    | 20.90               | (17.02 - 25.41)                       | 16.98             | (13.86 - 20.65)                     | 17.46             | (14.53 - 20.82)                     |
| Regions 17 and 21                     | 21.66               | (17.60 - 26.36)                       | 19.20             | (15.81 - 23.12)                     | 19.57             | (16.49 - 23.06)                     |
| Regions 19, 26, 28, and 42            | 22.90               | (19.33 - 26.91)                       | 20.10             | (17.23 - 23.32)                     | 20.47             | (17.83 - 23.38)                     |
| Regions 22, 38, 40, 41, and 48        | 20.90               | (17.16 - 25.22)                       | 16.64             | (13.77 - 19.97)                     | 17.12             | (14.43 - 20.20)                     |
| Regions 29 and 34                     | 20.92               | (17.08 - 25.36)                       | 16.29             | (13.37 - 19.69)                     | 16.92             | (14.22 - 20.02)                     |
| Regions 30 and 50                     | 21.26               | (17.39 - 25.73)                       | 17.11             | (14.12 - 20.58)                     | 17.63             | (14.84 - 20.82)                     |
| Region 36 (Philadelphia)              | 22.12               | (18.67 - 26.00)                       | 20.05             | (17.00 - 23.48)                     | 20.40             | (17.67 - 23.42)                     |

See notes at end of table.

(continued)

**Table 11** *Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                     | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 23.23               | (20.41 - 26.31)                       | 20.14             | (18.02 - 22.45)                     | 20.62             | (18.70 - 22.69)                     |
| Region 1: Southern Providence<br>County                   | 22.34               | (17.97 - 27.41)                       | 18.72             | (15.39 - 22.57)                     | 19.20             | (16.10 - 22.72)                     |
| Region 2: Northern Providence<br>County/Blackstone Valley | 21.69               | (17.72 - 26.27)                       | 20.19             | (16.70 - 24.21)                     | 20.39             | (17.18 - 24.03)                     |
| Region 3: Providence                                      | 23.78               | (19.42 - 28.77)                       | 24.31             | (20.03 - 29.16)                     | 24.15             | (20.54 - 28.16)                     |
| Region 4: Kent County                                     | 23.26               | (18.84 - 28.35)                       | 19.10             | (15.82 - 22.88)                     | 19.58             | (16.51 - 23.07)                     |
| Region 5: East Bay                                        | 24.32               | (19.56 - 29.81)                       | 21.09             | (17.18 - 25.61)                     | 21.53             | (17.92 - 25.64)                     |
| Region 6: Newport County                                  | *                   | (* - *)                               | 19.28             | (15.75 - 23.38)                     | 20.04             | (16.70 - 23.86)                     |
| Region 7: South County                                    | 23.41               | (18.93 - 28.57)                       | 18.54             | (15.26 - 22.33)                     | 19.37             | (16.36 - 22.79)                     |
| <b>South Carolina</b>                                     | 20.32               | (17.87 - 23.02)                       | 17.62             | (15.88 - 19.50)                     | 18.00             | (16.40 - 19.71)                     |
| Region 1                                                  | 20.14               | (16.71 - 24.06)                       | 17.49             | (14.75 - 20.61)                     | 17.86             | (15.35 - 20.68)                     |
| Region 2                                                  | 19.86               | (16.25 - 24.05)                       | 17.79             | (14.99 - 20.99)                     | 18.10             | (15.54 - 20.97)                     |
| Region 3                                                  | 19.57               | (15.88 - 23.88)                       | 16.82             | (13.99 - 20.09)                     | 17.18             | (14.53 - 20.19)                     |
| Region 4                                                  | 21.44               | (17.71 - 25.70)                       | 18.13             | (15.44 - 21.17)                     | 18.59             | (16.10 - 21.36)                     |
| <b>South Dakota</b>                                       | 20.21               | (17.83 - 22.82)                       | 16.55             | (14.87 - 18.39)                     | 17.09             | (15.56 - 18.74)                     |
| Region 1                                                  | 21.63               | (17.77 - 26.07)                       | 17.15             | (14.48 - 20.18)                     | 17.78             | (15.31 - 20.56)                     |
| Region 2                                                  | 19.88               | (15.72 - 24.81)                       | 15.92             | (12.87 - 19.54)                     | 16.46             | (13.60 - 19.78)                     |
| Region 3                                                  | 19.42               | (15.89 - 23.51)                       | 15.20             | (12.57 - 18.26)                     | 15.90             | (13.52 - 18.61)                     |
| Region 4                                                  | 20.01               | (16.20 - 24.45)                       | 15.94             | (13.00 - 19.39)                     | 16.59             | (13.88 - 19.70)                     |
| Region 5                                                  | 19.95               | (16.50 - 23.92)                       | 17.63             | (14.94 - 20.70)                     | 17.95             | (15.47 - 20.73)                     |
| <b>Tennessee</b>                                          | 20.68               | (18.29 - 23.29)                       | 19.46             | (17.60 - 21.47)                     | 19.63             | (17.95 - 21.44)                     |
| Region 1                                                  | 22.24               | (18.11 - 27.00)                       | 19.77             | (16.10 - 24.04)                     | 20.08             | (16.68 - 23.97)                     |
| Region 2                                                  | 22.28               | (18.27 - 26.88)                       | 20.55             | (17.43 - 24.07)                     | 20.78             | (17.92 - 23.96)                     |
| Region 3                                                  | 20.32               | (16.33 - 25.00)                       | 18.47             | (15.28 - 22.14)                     | 18.72             | (15.78 - 22.06)                     |
| Region 4 (Davidson)                                       | 20.70               | (16.63 - 25.46)                       | 19.53             | (15.99 - 23.64)                     | 19.71             | (16.44 - 23.44)                     |
| Region 5                                                  | 21.43               | (17.62 - 25.80)                       | 20.18             | (17.07 - 23.71)                     | 20.36             | (17.51 - 23.53)                     |
| Region 6                                                  | 19.90               | (15.95 - 24.53)                       | 20.33             | (16.65 - 24.60)                     | 20.27             | (16.88 - 24.14)                     |
| Region 7 (Shelby)                                         | 17.91               | (14.47 - 21.97)                       | 16.94             | (13.87 - 20.52)                     | 17.09             | (14.34 - 20.25)                     |

See notes at end of table.

(continued)

**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                    | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                             | 18.69               | (17.23 - 20.25)                       | 15.42             | (14.40 - 16.50)                     | 15.93             | (15.03 - 16.88)                     |
| Region 1                                                 | 19.12               | (15.57 - 23.25)                       | 17.51             | (14.59 - 20.86)                     | 17.78             | (15.14 - 20.76)                     |
| Region 2                                                 | 19.59               | (15.90 - 23.88)                       | 18.53             | (15.24 - 22.36)                     | 18.70             | (15.69 - 22.12)                     |
| Region 3                                                 | 17.68               | (15.50 - 20.09)                       | 14.34             | (12.86 - 15.95)                     | 14.82             | (13.47 - 16.28)                     |
| Region 3a                                                | 17.61               | (14.92 - 20.68)                       | 13.73             | (11.94 - 15.74)                     | 14.30             | (12.65 - 16.12)                     |
| Region 3bc                                               | 17.79               | (14.76 - 21.28)                       | 15.41             | (13.25 - 17.85)                     | 15.76             | (13.77 - 17.98)                     |
| Region 4                                                 | 18.23               | (14.90 - 22.10)                       | 17.86             | (15.02 - 21.09)                     | 17.91             | (15.31 - 20.84)                     |
| Region 5                                                 | 17.59               | (14.19 - 21.59)                       | 14.98             | (12.25 - 18.20)                     | 15.37             | (12.85 - 18.28)                     |
| Region 6                                                 | 19.81               | (17.23 - 22.66)                       | 15.28             | (13.53 - 17.22)                     | 15.96             | (14.38 - 17.68)                     |
| Region 6a                                                | 19.98               | (17.21 - 23.06)                       | 15.25             | (13.36 - 17.36)                     | 15.97             | (14.27 - 17.83)                     |
| Region 6bc                                               | 18.24               | (14.71 - 22.38)                       | 15.55             | (12.58 - 19.07)                     | 15.92             | (13.19 - 19.09)                     |
| Region 7                                                 | 21.35               | (18.55 - 24.44)                       | 17.34             | (15.31 - 19.57)                     | 18.02             | (16.19 - 20.02)                     |
| Region 7a                                                | 22.07               | (18.46 - 26.17)                       | 17.03             | (14.55 - 19.84)                     | 17.80             | (15.51 - 20.35)                     |
| Region 7bcd                                              | 20.39               | (16.85 - 24.45)                       | 17.92             | (15.02 - 21.23)                     | 18.41             | (15.83 - 21.31)                     |
| Region 8                                                 | 18.22               | (15.29 - 21.57)                       | 15.40             | (13.18 - 17.91)                     | 15.83             | (13.82 - 18.08)                     |
| Region 9                                                 | 18.63               | (15.09 - 22.77)                       | 16.39             | (13.20 - 20.17)                     | 16.74             | (13.84 - 20.10)                     |
| Region 10                                                | 17.94               | (14.47 - 22.04)                       | 14.31             | (11.58 - 17.57)                     | 14.94             | (12.43 - 17.86)                     |
| Region 11                                                | 15.50               | (13.16 - 18.16)                       | 13.95             | (11.92 - 16.26)                     | 14.21             | (12.38 - 16.26)                     |
| Region 11abd                                             | 15.37               | (12.49 - 18.78)                       | 14.09             | (11.60 - 17.00)                     | 14.30             | (12.04 - 16.90)                     |
| Region 11c (Hidalgo)                                     | 15.69               | (12.58 - 19.41)                       | 13.71             | (10.99 - 16.97)                     | 14.06             | (11.61 - 16.92)                     |
| <b>Utah</b>                                              | 25.11               | (22.47 - 27.94)                       | 21.04             | (19.14 - 23.08)                     | 21.79             | (20.07 - 23.61)                     |
| Bear River, Northeastern,<br>Summit, Tooele, and Wasatch | 24.18               | (19.54 - 29.52)                       | 20.87             | (17.33 - 24.91)                     | 21.50             | (18.28 - 25.11)                     |
| Central, Four Corners, San Juan,<br>and Southwest        | 23.39               | (19.61 - 27.65)                       | 20.15             | (17.11 - 23.57)                     | 20.71             | (17.95 - 23.79)                     |
| Central, Four Corners, and<br>San Juan                   | *                   | (* - *)                               | 19.45             | (15.76 - 23.75)                     | 20.04             | (16.64 - 23.94)                     |
| Southwest                                                | 23.68               | (19.13 - 28.92)                       | 20.58             | (16.80 - 24.96)                     | 21.13             | (17.70 - 25.02)                     |
| Davis County                                             | 24.26               | (19.60 - 29.60)                       | 20.86             | (17.30 - 24.93)                     | 21.43             | (18.17 - 25.10)                     |
| Salt Lake County                                         | 24.85               | (21.19 - 28.92)                       | 20.99             | (18.40 - 23.83)                     | 21.61             | (19.25 - 24.18)                     |
| Utah County                                              | 27.23               | (22.93 - 32.00)                       | 21.84             | (18.41 - 25.69)                     | 23.19             | (20.17 - 26.51)                     |
| Weber, Morgan                                            | 24.50               | (19.94 - 29.72)                       | 21.52             | (17.93 - 25.60)                     | 22.01             | (18.70 - 25.72)                     |

See notes at end of table.

(continued)

**Table 11** *Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                 | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 26.18               | (23.29 - 29.29)                       | 19.97             | (17.95 - 22.15)                     | 20.89             | (19.04 - 22.86)                     |
| Champlain Valley                      | 26.55               | (22.68 - 30.83)                       | 18.61             | (15.90 - 21.66)                     | 19.99             | (17.54 - 22.68)                     |
| Rural Northeast                       | 25.54               | (21.00 - 30.68)                       | 22.37             | (18.70 - 26.52)                     | 22.81             | (19.43 - 26.58)                     |
| Rural Southeast                       | 25.01               | (20.57 - 30.05)                       | 19.70             | (16.48 - 23.38)                     | 20.34             | (17.31 - 23.74)                     |
| Rural Southwest                       | 27.22               | (22.23 - 32.85)                       | 20.06             | (16.60 - 24.04)                     | 21.07             | (17.84 - 24.70)                     |
| <b>Virginia</b>                       | 22.35               | (20.10 - 24.78)                       | 19.17             | (17.58 - 20.86)                     | 19.62             | (18.18 - 21.14)                     |
| Region 1                              | 23.59               | (19.70 - 27.98)                       | 19.64             | (16.76 - 22.88)                     | 20.26             | (17.60 - 23.20)                     |
| Region 2                              | 22.81               | (19.41 - 26.60)                       | 18.91             | (16.28 - 21.86)                     | 19.37             | (16.94 - 22.06)                     |
| Region 3                              | 22.94               | (19.29 - 27.04)                       | 22.13             | (18.85 - 25.80)                     | 22.25             | (19.31 - 25.48)                     |
| Region 4                              | 21.50               | (17.81 - 25.72)                       | 17.89             | (15.14 - 21.00)                     | 18.41             | (15.88 - 21.23)                     |
| Region 5                              | 21.23               | (17.68 - 25.26)                       | 17.90             | (15.31 - 20.83)                     | 18.42             | (16.07 - 21.03)                     |
| <b>Washington</b>                     | 24.72               | (22.12 - 27.53)                       | 19.85             | (17.94 - 21.92)                     | 20.52             | (18.78 - 22.39)                     |
| Region 1                              | 23.41               | (19.91 - 27.32)                       | 19.93             | (17.05 - 23.16)                     | 20.48             | (17.88 - 23.36)                     |
| Greater Columbia and North<br>Central | 22.96               | (18.74 - 27.81)                       | 19.74             | (16.19 - 23.85)                     | 20.29             | (17.08 - 23.92)                     |
| Spokane                               | 24.19               | (19.61 - 29.46)                       | 20.19             | (16.51 - 24.44)                     | 20.76             | (17.36 - 24.62)                     |
| Region 2                              | 25.05               | (21.77 - 28.65)                       | 19.68             | (17.27 - 22.33)                     | 20.37             | (18.16 - 22.78)                     |
| King                                  | 25.34               | (21.31 - 29.83)                       | 19.26             | (16.34 - 22.56)                     | 20.02             | (17.32 - 23.03)                     |
| North Sound                           | 24.59               | (20.33 - 29.40)                       | 20.43             | (17.08 - 24.24)                     | 21.00             | (17.92 - 24.44)                     |
| Region 3                              | 25.31               | (22.11 - 28.80)                       | 20.06             | (17.67 - 22.68)                     | 20.77             | (18.56 - 23.17)                     |
| Pierce                                | 25.79               | (21.49 - 30.62)                       | 20.36             | (17.13 - 24.02)                     | 21.15             | (18.15 - 24.49)                     |
| Salish                                | *                   | (* - *)                               | 19.37             | (15.70 - 23.67)                     | 20.17             | (16.73 - 24.11)                     |
| SW WA and Great Rivers                | 24.98               | (20.22 - 30.43)                       | 20.49             | (16.67 - 24.93)                     | 21.07             | (17.52 - 25.12)                     |
| Thurston-Mason                        | *                   | (* - *)                               | *                 | (* - *)                             | 19.87             | (16.40 - 23.87)                     |

See notes at end of table.

(continued)



**Table 11 Any Mental Illness in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 21.46               | (18.86 - 24.30)                       | 20.88             | (18.77 - 23.16)                     | 20.96             | (19.03 - 23.01)                     |
| Region I                      | *                   | (* - *)                               | 20.17             | (16.35 - 24.62)                     | 20.40             | (16.86 - 24.45)                     |
| Region II                     | 20.49               | (16.42 - 25.26)                       | 18.86             | (15.65 - 22.56)                     | 19.07             | (16.08 - 22.48)                     |
| Region III                    | 22.26               | (17.95 - 27.27)                       | 20.57             | (16.70 - 25.08)                     | 20.77             | (17.15 - 24.91)                     |
| Region IV                     | 23.02               | (19.04 - 27.55)                       | 21.22             | (17.92 - 24.95)                     | 21.52             | (18.55 - 24.82)                     |
| Region V                      | 20.65               | (17.01 - 24.83)                       | 20.55             | (17.29 - 24.24)                     | 20.56             | (17.58 - 23.91)                     |
| Region VI                     | 20.11               | (16.42 - 24.39)                       | 22.98             | (19.44 - 26.94)                     | 22.66             | (19.43 - 26.26)                     |
| <b>Wisconsin</b>              | 22.42               | (19.91 - 25.16)                       | 17.47             | (15.63 - 19.47)                     | 18.17             | (16.49 - 19.99)                     |
| Milwaukee                     | 19.68               | (16.12 - 23.80)                       | 17.80             | (14.79 - 21.28)                     | 18.11             | (15.41 - 21.17)                     |
| Northeastern                  | 21.89               | (17.87 - 26.52)                       | 16.56             | (13.71 - 19.87)                     | 17.26             | (14.62 - 20.28)                     |
| Northern                      | 22.52               | (18.16 - 27.57)                       | 18.07             | (14.57 - 22.19)                     | 18.63             | (15.35 - 22.42)                     |
| Southeastern                  | 24.01               | (19.76 - 28.85)                       | 17.08             | (14.16 - 20.46)                     | 18.01             | (15.29 - 21.09)                     |
| Southern                      | 23.02               | (19.13 - 27.43)                       | 17.85             | (14.89 - 21.25)                     | 18.58             | (15.86 - 21.65)                     |
| Western                       | 23.78               | (19.49 - 28.68)                       | 18.19             | (14.92 - 21.99)                     | 19.04             | (16.00 - 22.50)                     |
| <b>Wyoming</b>                | 23.73               | (21.07 - 26.62)                       | 18.99             | (17.14 - 20.99)                     | 19.67             | (17.96 - 21.50)                     |
| Judicial District 1 (Laramie) | 23.74               | (19.32 - 28.82)                       | 20.56             | (17.18 - 24.41)                     | 20.99             | (17.86 - 24.50)                     |
| Judicial District 2           | 24.94               | (20.60 - 29.85)                       | 20.50             | (17.04 - 24.47)                     | 21.68             | (18.62 - 25.09)                     |
| Judicial District 3           | 23.16               | (18.82 - 28.15)                       | 19.12             | (15.93 - 22.76)                     | 19.67             | (16.69 - 23.04)                     |
| Judicial District 4           | *                   | (* - *)                               | 17.45             | (14.00 - 21.54)                     | 18.21             | (14.93 - 22.03)                     |
| Judicial District 5           | 24.14               | (19.35 - 29.68)                       | 17.31             | (14.15 - 21.01)                     | 18.15             | (15.14 - 21.60)                     |
| Judicial District 6           | 23.50               | (19.19 - 28.43)                       | 18.47             | (15.21 - 22.24)                     | 19.17             | (16.13 - 22.62)                     |
| Judicial District 7 (Natrona) | 22.31               | (18.15 - 27.12)                       | 19.20             | (15.94 - 22.96)                     | 19.62             | (16.60 - 23.04)                     |
| Judicial District 8           | 22.72               | (18.24 - 27.93)                       | 16.86             | (13.57 - 20.75)                     | 17.60             | (14.51 - 21.19)                     |
| Judicial District 9           | 24.32               | (19.77 - 29.54)                       | 19.30             | (15.89 - 23.24)                     | 19.91             | (16.71 - 23.55)                     |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: Any mental illness (AMI) is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, assessed by the Mental Health Surveillance Study (MHSS) *Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders—Fourth Edition—Research Version—Axis I Disorders* (MHSS-SCID), which is based on the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV). For details, see Section B of the "2015-2016 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 12** *Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs*

| State/Substate Region      | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 12.16               | (11.79 - 12.55)                       | 14.85             | (14.56 - 15.14)                     | 14.47             | (14.21 - 14.73)                     |
| <b>Northeast</b>           | 13.51               | (12.79 - 14.26)                       | 16.20             | (15.56 - 16.86)                     | 15.83             | (15.26 - 16.41)                     |
| <b>Midwest</b>             | 14.28               | (13.65 - 14.94)                       | 16.28             | (15.74 - 16.82)                     | 15.99             | (15.52 - 16.48)                     |
| <b>South</b>               | 10.99               | (10.51 - 11.49)                       | 14.12             | (13.67 - 14.58)                     | 13.68             | (13.28 - 14.08)                     |
| <b>West</b>                | 11.11               | (10.49 - 11.76)                       | 13.69             | (13.15 - 14.24)                     | 13.31             | (12.83 - 13.80)                     |
| <b>Alabama</b>             | 11.31               | (9.57 - 13.33)                        | 14.42             | (12.79 - 16.21)                     | 13.97             | (12.50 - 15.59)                     |
| Region 1                   | 10.65               | (8.26 - 13.62)                        | 14.31             | (11.95 - 17.05)                     | 13.84             | (11.68 - 16.33)                     |
| Region 2                   | 12.21               | (9.71 - 15.25)                        | 14.80             | (12.44 - 17.51)                     | 14.42             | (12.28 - 16.86)                     |
| Region 3                   | 10.29               | (7.93 - 13.26)                        | 13.50             | (11.08 - 16.36)                     | 12.95             | (10.79 - 15.48)                     |
| Region 4                   | 11.78               | (9.14 - 15.07)                        | 14.71             | (12.20 - 17.64)                     | 14.33             | (12.02 - 17.00)                     |
| <b>Alaska</b>              | 13.32               | (11.32 - 15.61)                       | 13.71             | (12.11 - 15.48)                     | 13.65             | (12.19 - 15.25)                     |
| Anchorage                  | 13.71               | (11.14 - 16.75)                       | 14.21             | (12.08 - 16.64)                     | 14.13             | (12.21 - 16.29)                     |
| Northern                   | 12.12               | (9.36 - 15.57)                        | 12.33             | (10.08 - 15.00)                     | 12.29             | (10.21 - 14.71)                     |
| South Central              | 14.03               | (10.90 - 17.88)                       | 13.73             | (11.33 - 16.55)                     | 13.78             | (11.55 - 16.35)                     |
| Southeast                  | 13.04               | (9.94 - 16.91)                        | 14.47             | (11.77 - 17.67)                     | 14.29             | (11.78 - 17.23)                     |
| <b>Arizona</b>             | 9.96                | (8.24 - 12.00)                        | 12.84             | (11.36 - 14.49)                     | 12.42             | (11.08 - 13.90)                     |
| Central                    | 9.90                | (7.88 - 12.38)                        | 12.73             | (10.98 - 14.73)                     | 12.32             | (10.74 - 14.09)                     |
| North                      | 11.34               | (8.49 - 14.98)                        | 12.82             | (10.27 - 15.88)                     | 12.61             | (10.26 - 15.41)                     |
| South                      | 9.54                | (7.49 - 12.08)                        | 13.09             | (11.02 - 15.47)                     | 12.57             | (10.69 - 14.72)                     |
| South A                    | 10.43               | (7.85 - 13.74)                        | 14.11             | (11.53 - 17.16)                     | 13.58             | (11.22 - 16.33)                     |
| South B                    | 8.46                | (6.23 - 11.41)                        | 11.82             | (9.46 - 14.68)                      | 11.32             | (9.19 - 13.88)                      |
| <b>Arkansas</b>            | 13.39               | (11.47 - 15.58)                       | 15.90             | (14.17 - 17.81)                     | 15.54             | (13.95 - 17.28)                     |
| Catchment Area 1           | 14.13               | (10.91 - 18.12)                       | 15.74             | (12.91 - 19.06)                     | 15.48             | (12.87 - 18.51)                     |
| Catchment Area 2           | 15.20               | (11.87 - 19.26)                       | 16.99             | (13.97 - 20.50)                     | 16.77             | (13.98 - 19.99)                     |
| Catchment Area 3           | 13.14               | (10.14 - 16.86)                       | 16.60             | (13.75 - 19.91)                     | 16.10             | (13.49 - 19.10)                     |
| Catchment Area 4           | 12.89               | (9.94 - 16.55)                        | 16.23             | (13.23 - 19.75)                     | 15.77             | (13.02 - 18.98)                     |
| Catchment Area 5           | 14.43               | (11.33 - 18.21)                       | 16.31             | (13.51 - 19.55)                     | 16.00             | (13.46 - 18.93)                     |
| Catchment Area 6           | 10.13               | (7.69 - 13.24)                        | 13.57             | (10.99 - 16.64)                     | 13.07             | (10.73 - 15.84)                     |
| Catchment Area 7           | *                   | (* - *)                               | 15.01             | (12.16 - 18.39)                     | 14.58             | (11.95 - 17.67)                     |
| Catchment Area 8           | 12.92               | (10.01 - 16.51)                       | 15.61             | (12.93 - 18.73)                     | 15.26             | (12.79 - 18.11)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 9.43                | (8.49 - 10.47)                        | 12.15             | (11.35 - 13.01)                     | 11.75             | (11.03 - 12.51)                     |
| Region 1R                   | 11.31               | (8.84 - 14.38)                        | 14.37             | (11.94 - 17.18)                     | 13.93             | (11.74 - 16.46)                     |
| Region 2R                   | 12.05               | (9.46 - 15.22)                        | 14.70             | (12.27 - 17.52)                     | 14.30             | (12.10 - 16.83)                     |
| Region 3R (Sacramento)      | 8.71                | (6.77 - 11.14)                        | 13.02             | (10.93 - 15.43)                     | 12.39             | (10.51 - 14.55)                     |
| Region 4R                   | 10.82               | (8.43 - 13.79)                        | 13.65             | (11.43 - 16.22)                     | 13.29             | (11.24 - 15.65)                     |
| Region 5R (San Francisco)   | 10.66               | (8.30 - 13.60)                        | 14.42             | (11.98 - 17.25)                     | 14.05             | (11.78 - 16.69)                     |
| Region 6 (Santa Clara)      | 10.67               | (8.42 - 13.44)                        | 11.28             | (9.43 - 13.44)                      | 11.21             | (9.49 - 13.18)                      |
| Region 7R (Contra Costa)    | 10.57               | (8.23 - 13.48)                        | 12.74             | (10.59 - 15.25)                     | 12.45             | (10.46 - 14.77)                     |
| Region 8R (Alameda)         | 10.74               | (8.46 - 13.55)                        | 13.18             | (11.07 - 15.63)                     | 12.86             | (10.92 - 15.08)                     |
| Region 9R (San Mateo)       | 10.71               | (8.26 - 13.77)                        | 12.26             | (10.04 - 14.89)                     | 12.09             | (10.02 - 14.52)                     |
| Region 10                   | 10.40               | (8.04 - 13.36)                        | 13.45             | (11.10 - 16.21)                     | 12.94             | (10.82 - 15.41)                     |
| Region 11 (Los Angeles)     | 8.91                | (7.76 - 10.22)                        | 11.58             | (10.50 - 12.75)                     | 11.18             | (10.22 - 12.21)                     |
| LA SPA 1 and 5              | 11.43               | (8.81 - 14.72)                        | 14.22             | (11.82 - 17.01)                     | 13.80             | (11.59 - 16.34)                     |
| LA SPA 2                    | 10.79               | (8.49 - 13.62)                        | 13.21             | (11.07 - 15.68)                     | 12.87             | (10.92 - 15.11)                     |
| LA SPA 3                    | 8.32                | (6.44 - 10.67)                        | 10.01             | (8.24 - 12.12)                      | 9.76              | (8.15 - 11.66)                      |
| LA SPA 4                    | 8.49                | (6.51 - 11.00)                        | 12.54             | (10.29 - 15.21)                     | 12.00             | (9.96 - 14.41)                      |
| LA SPA 6                    | 6.46                | (4.88 - 8.51)                         | 8.17              | (6.62 - 10.05)                      | 7.82              | (6.45 - 9.47)                       |
| LA SPA 7                    | 7.00                | (5.36 - 9.08)                         | 9.11              | (7.43 - 11.12)                      | 8.76              | (7.26 - 10.53)                      |
| LA SPA 8                    | 9.31                | (7.23 - 11.91)                        | 12.29             | (10.24 - 14.70)                     | 11.87             | (10.01 - 14.02)                     |
| Region 12R                  | 8.53                | (6.64 - 10.90)                        | 11.30             | (9.26 - 13.73)                      | 10.87             | (9.03 - 13.03)                      |
| Regions 13 and 19R          | 8.33                | (6.56 - 10.53)                        | 11.76             | (9.88 - 13.93)                      | 11.18             | (9.52 - 13.10)                      |
| Region 14 (Orange)          | 9.07                | (7.11 - 11.51)                        | 11.27             | (9.41 - 13.44)                      | 10.95             | (9.27 - 12.90)                      |
| Region 15R (Fresno)         | 8.62                | (6.72 - 10.99)                        | 11.02             | (9.04 - 13.36)                      | 10.59             | (8.84 - 12.63)                      |
| Region 16R (San Diego)      | 10.01               | (7.95 - 12.53)                        | 12.53             | (10.81 - 14.48)                     | 12.14             | (10.58 - 13.90)                     |
| Region 17R                  | 8.81                | (6.97 - 11.07)                        | 11.74             | (9.83 - 13.98)                      | 11.22             | (9.54 - 13.16)                      |
| Region 18R (San Bernardino) | 8.33                | (6.52 - 10.57)                        | 10.93             | (9.15 - 13.01)                      | 10.48             | (8.89 - 12.31)                      |
| Region 20R                  | 8.16                | (6.31 - 10.50)                        | 11.81             | (9.80 - 14.18)                      | 11.19             | (9.40 - 13.28)                      |
| Region 21R                  | 10.33               | (7.93 - 13.36)                        | 12.62             | (10.43 - 15.18)                     | 12.23             | (10.24 - 14.55)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 13.74               | (11.75 - 16.00)                       | 15.84             | (14.20 - 17.63)                     | 15.54             | (14.03 - 17.18)                     |
| Region 1                                  | 13.79               | (10.63 - 17.71)                       | 15.73             | (13.12 - 18.75)                     | 15.45             | (13.03 - 18.23)                     |
| Region 2                                  | 14.01               | (10.69 - 18.15)                       | 15.80             | (12.85 - 19.26)                     | 15.52             | (12.79 - 18.70)                     |
| Region 3                                  | 13.65               | (10.83 - 17.06)                       | 14.84             | (12.52 - 17.52)                     | 14.68             | (12.54 - 17.12)                     |
| Region 4                                  | 12.50               | (9.52 - 16.23)                        | 15.21             | (12.37 - 18.56)                     | 14.83             | (12.20 - 17.92)                     |
| Region 5                                  | 12.28               | (9.41 - 15.88)                        | 15.58             | (12.90 - 18.69)                     | 15.13             | (12.67 - 17.98)                     |
| Region 6                                  | 15.23               | (11.93 - 19.24)                       | 17.41             | (14.62 - 20.59)                     | 17.10             | (14.55 - 20.00)                     |
| Region 7                                  | 13.72               | (10.60 - 17.58)                       | 16.52             | (13.70 - 19.78)                     | 16.06             | (13.49 - 19.03)                     |
| <b>Connecticut</b>                        | 15.13               | (13.02 - 17.50)                       | 17.13             | (15.33 - 19.10)                     | 16.85             | (15.20 - 18.65)                     |
| Eastern                                   | 16.08               | (12.52 - 20.42)                       | 18.10             | (15.00 - 21.67)                     | 17.74             | (14.92 - 20.97)                     |
| North Central                             | 15.09               | (12.09 - 18.68)                       | 17.40             | (14.71 - 20.45)                     | 17.09             | (14.65 - 19.85)                     |
| Northwestern                              | 14.10               | (10.96 - 17.96)                       | 16.42             | (13.62 - 19.67)                     | 16.13             | (13.53 - 19.12)                     |
| South Central                             | 15.97               | (12.64 - 19.97)                       | 18.24             | (15.24 - 21.67)                     | 17.92             | (15.18 - 21.03)                     |
| Southwest                                 | 14.15               | (11.03 - 17.98)                       | 15.44             | (12.55 - 18.86)                     | 15.27             | (12.60 - 18.38)                     |
| <b>Delaware</b>                           | 12.42               | (10.54 - 14.59)                       | 16.05             | (14.20 - 18.10)                     | 15.56             | (13.88 - 17.40)                     |
| Kent                                      | 11.22               | (8.65 - 14.44)                        | 15.76             | (13.05 - 18.90)                     | 15.06             | (12.61 - 17.89)                     |
| New Castle (excluding<br>Wilmington City) | 13.55               | (11.07 - 16.48)                       | 16.74             | (14.35 - 19.45)                     | 16.28             | (14.13 - 18.69)                     |
| Sussex                                    | 12.17               | (9.36 - 15.67)                        | 15.36             | (12.67 - 18.49)                     | 15.04             | (12.53 - 17.95)                     |
| Wilmington City                           | 8.32                | (6.14 - 11.17)                        | 14.43             | (11.60 - 17.82)                     | 13.60             | (11.03 - 16.66)                     |
| <b>District of Columbia</b>               | 12.56               | (10.55 - 14.90)                       | 15.91             | (14.25 - 17.72)                     | 15.33             | (13.82 - 16.97)                     |
| Ward 1                                    | 10.98               | (8.28 - 14.43)                        | 16.60             | (13.76 - 19.91)                     | 15.58             | (13.07 - 18.47)                     |
| Ward 2                                    | 17.42               | (13.45 - 22.27)                       | 20.32             | (16.95 - 24.16)                     | 19.55             | (16.56 - 22.93)                     |
| Ward 3                                    | 16.97               | (13.03 - 21.80)                       | 21.47             | (18.06 - 25.31)                     | 20.72             | (17.60 - 24.23)                     |
| Ward 4                                    | 10.16               | (7.57 - 13.52)                        | 13.43             | (11.04 - 16.25)                     | 13.07             | (10.84 - 15.68)                     |
| Ward 5                                    | 11.00               | (8.24 - 14.55)                        | 13.20             | (10.84 - 15.98)                     | 12.83             | (10.67 - 15.35)                     |
| Ward 6                                    | 14.50               | (11.36 - 18.32)                       | 18.21             | (15.41 - 21.40)                     | 17.76             | (15.17 - 20.68)                     |
| Ward 7                                    | 7.42                | (5.39 - 10.14)                        | 11.35             | (9.15 - 13.99)                      | 10.70             | (8.74 - 13.04)                      |
| Ward 8                                    | 7.73                | (5.68 - 10.45)                        | 11.29             | (9.08 - 13.96)                      | 10.59             | (8.64 - 12.93)                      |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 10.12               | (9.09 - 11.24)                        | 12.82             | (11.79 - 13.93)                     | 12.49             | (11.55 - 13.48)                     |
| Broward (Circuit 17)                                                    | 8.24                | (6.38 - 10.59)                        | 11.55             | (9.57 - 13.88)                      | 11.16             | (9.34 - 13.27)                      |
| Central I                                                               | 10.54               | (8.89 - 12.47)                        | 12.73             | (11.11 - 14.56)                     | 12.42             | (10.95 - 14.07)                     |
| Circuit 9                                                               | 10.59               | (8.53 - 13.07)                        | 11.98             | (10.06 - 14.22)                     | 11.76             | (10.03 - 13.75)                     |
| Circuit 18                                                              | 10.46               | (8.20 - 13.25)                        | 13.78             | (11.38 - 16.60)                     | 13.39             | (11.18 - 15.95)                     |
| Central II                                                              | 10.86               | (9.41 - 12.50)                        | 13.89             | (12.50 - 15.40)                     | 13.56             | (12.28 - 14.94)                     |
| Circuit 6                                                               | 11.64               | (9.18 - 14.65)                        | 16.64             | (14.04 - 19.60)                     | 16.14             | (13.73 - 18.88)                     |
| Circuit 10                                                              | 9.45                | (7.39 - 12.01)                        | 12.58             | (10.37 - 15.18)                     | 12.19             | (10.17 - 14.55)                     |
| Circuit 12                                                              | 10.38               | (8.03 - 13.32)                        | 12.75             | (10.37 - 15.59)                     | 12.54             | (10.30 - 15.19)                     |
| Circuit 13 (Hillsborough)                                               | 11.75               | (9.38 - 14.62)                        | 13.47             | (11.30 - 15.98)                     | 13.23             | (11.25 - 15.49)                     |
| Circuit 20                                                              | 10.00               | (7.67 - 12.94)                        | 12.58             | (10.27 - 15.32)                     | 12.33             | (10.16 - 14.88)                     |
| Northeast                                                               | 11.30               | (9.78 - 13.02)                        | 14.02             | (12.50 - 15.69)                     | 13.68             | (12.29 - 15.19)                     |
| Circuit 4                                                               | 10.51               | (8.29 - 13.24)                        | 13.91             | (11.52 - 16.70)                     | 13.45             | (11.28 - 15.96)                     |
| Circuit 5                                                               | 11.44               | (8.93 - 14.54)                        | 13.27             | (10.88 - 16.10)                     | 13.11             | (10.85 - 15.75)                     |
| Circuit 7                                                               | 11.91               | (9.28 - 15.15)                        | 14.81             | (12.25 - 17.80)                     | 14.48             | (12.11 - 17.24)                     |
| Circuit 8 plus Columbia, Dixie,<br>Hamilton, Lafayette, and<br>Suwannee | 11.70               | (9.19 - 14.79)                        | 14.54             | (11.92 - 17.63)                     | 13.98             | (11.67 - 16.67)                     |
| Northwest                                                               | 10.94               | (9.31 - 12.82)                        | 14.36             | (12.59 - 16.33)                     | 13.81             | (12.24 - 15.54)                     |
| Circuit 1                                                               | 10.69               | (8.47 - 13.40)                        | 14.37             | (11.95 - 17.19)                     | 13.85             | (11.67 - 16.36)                     |
| Circuit 2 plus Madison and<br>Taylor                                    | 10.84               | (8.59 - 13.59)                        | 13.46             | (11.13 - 16.19)                     | 12.89             | (10.86 - 15.23)                     |
| Circuit 14                                                              | 11.91               | (9.21 - 15.27)                        | 15.54             | (12.64 - 18.96)                     | 15.09             | (12.41 - 18.22)                     |
| South (Circuits 11 and 16)                                              | 7.30                | (5.72 - 9.29)                         | 9.14              | (7.52 - 11.07)                      | 8.91              | (7.42 - 10.65)                      |
| Southeast                                                               | 10.29               | (8.49 - 12.42)                        | 12.78             | (10.97 - 14.85)                     | 12.52             | (10.83 - 14.42)                     |
| Circuit 15 (Palm Beach)                                                 | 10.24               | (8.05 - 12.95)                        | 12.59             | (10.38 - 15.18)                     | 12.33             | (10.28 - 14.73)                     |
| Circuit 19                                                              | 10.38               | (8.08 - 13.24)                        | 13.21             | (10.81 - 16.05)                     | 12.92             | (10.68 - 15.54)                     |
| <b>Georgia</b>                                                          | 9.46                | (8.10 - 11.04)                        | 13.01             | (11.61 - 14.55)                     | 12.48             | (11.23 - 13.86)                     |
| Region 1                                                                | 10.07               | (7.86 - 12.81)                        | 13.21             | (11.12 - 15.63)                     | 12.80             | (10.88 - 15.00)                     |
| Region 2                                                                | 10.41               | (8.10 - 13.27)                        | 14.05             | (11.69 - 16.80)                     | 13.45             | (11.34 - 15.88)                     |
| Region 3                                                                | 8.94                | (7.05 - 11.28)                        | 11.83             | (9.89 - 14.10)                      | 11.42             | (9.67 - 13.44)                      |
| Region 4                                                                | 8.78                | (6.56 - 11.67)                        | 14.58             | (11.85 - 17.81)                     | 13.62             | (11.19 - 16.47)                     |
| Region 5                                                                | 9.49                | (7.29 - 12.27)                        | 13.88             | (11.34 - 16.87)                     | 13.15             | (10.90 - 15.78)                     |
| Region 6                                                                | 8.92                | (6.81 - 11.60)                        | 12.83             | (10.55 - 15.51)                     | 12.24             | (10.19 - 14.63)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 8.62                | (7.01 - 10.55)                        | 9.40              | (8.08 - 10.90)                      | 9.30              | (8.07 - 10.69)                      |
| Hawaii Island                   | 9.35                | (6.96 - 12.45)                        | 10.36             | (8.32 - 12.83)                      | 10.24             | (8.33 - 12.52)                      |
| Honolulu                        | 8.44                | (6.68 - 10.62)                        | 8.99              | (7.51 - 10.72)                      | 8.92              | (7.55 - 10.50)                      |
| Kauai                           | 8.79                | (6.43 - 11.92)                        | 9.86              | (7.78 - 12.41)                      | 9.74              | (7.78 - 12.13)                      |
| Maui                            | 8.90                | (6.54 - 12.01)                        | 10.57             | (8.47 - 13.12)                      | 10.38             | (8.41 - 12.75)                      |
| <b>Idaho</b>                    | 16.22               | (14.06 - 18.64)                       | 16.94             | (15.19 - 18.85)                     | 16.83             | (15.24 - 18.56)                     |
| Region 1                        | 17.37               | (13.62 - 21.88)                       | 17.32             | (14.26 - 20.87)                     | 17.33             | (14.47 - 20.61)                     |
| Region 2                        | 16.96               | (12.93 - 21.93)                       | 17.30             | (13.99 - 21.20)                     | 17.23             | (14.19 - 20.78)                     |
| Region 3                        | 14.10               | (11.14 - 17.68)                       | 16.31             | (13.63 - 19.41)                     | 16.00             | (13.54 - 18.79)                     |
| Region 4                        | 17.59               | (14.36 - 21.36)                       | 18.08             | (15.50 - 20.98)                     | 18.02             | (15.63 - 20.68)                     |
| Region 5                        | 12.87               | (9.90 - 16.56)                        | 15.16             | (12.51 - 18.25)                     | 14.85             | (12.42 - 17.65)                     |
| Region 6                        | *                   | (* - *)                               | 16.71             | (13.69 - 20.24)                     | 16.67             | (13.88 - 19.90)                     |
| Region 7                        | 16.82               | (13.30 - 21.04)                       | 16.27             | (13.55 - 19.42)                     | 16.37             | (13.87 - 19.23)                     |
| <b>Illinois</b>                 | 11.91               | (10.60 - 13.35)                       | 14.37             | (13.25 - 15.57)                     | 14.02             | (13.02 - 15.09)                     |
| Region 1 (Cook)                 | 10.14               | (8.72 - 11.77)                        | 13.21             | (11.88 - 14.67)                     | 12.79             | (11.60 - 14.09)                     |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | 16.75             | (13.86 - 20.10)                     | 16.27             | (13.59 - 19.36)                     |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | 13.01             | (10.53 - 15.97)                     | 12.48             | (10.22 - 15.16)                     |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | 17.65             | (14.62 - 21.14)                     | 17.16             | (14.37 - 20.37)                     |
| Region 1.4 (West Side)          | 8.12                | (6.16 - 10.64)                        | 11.76             | (9.67 - 14.25)                      | 11.16             | (9.28 - 13.36)                      |
| Region 1.5 (South Side)         | 7.69                | (5.73 - 10.25)                        | 10.57             | (8.53 - 13.03)                      | 10.14             | (8.29 - 12.33)                      |
| Region 1.6 (Southwest Side)     | 6.63                | (4.96 - 8.80)                         | 9.73              | (7.86 - 11.98)                      | 9.21              | (7.56 - 11.18)                      |
| Region 1.7 (Suburban Cook)      | 10.81               | (8.70 - 13.35)                        | 13.05             | (11.09 - 15.30)                     | 12.76             | (10.99 - 14.78)                     |
| Region 2                        | 12.42               | (10.67 - 14.40)                       | 14.24             | (12.79 - 15.81)                     | 13.98             | (12.67 - 15.39)                     |
| Region 2a (DuPage)              | 13.25               | (10.46 - 16.64)                       | 14.41             | (11.96 - 17.26)                     | 14.26             | (12.01 - 16.85)                     |
| Region 2b                       | 11.86               | (9.62 - 14.53)                        | 13.64             | (11.78 - 15.73)                     | 13.38             | (11.70 - 15.26)                     |
| Region 2c (Winnebago)           | *                   | (* - *)                               | 16.69             | (13.78 - 20.08)                     | 16.21             | (13.52 - 19.31)                     |
| Region 2d                       | 12.90               | (10.02 - 16.46)                       | 14.86             | (12.26 - 17.88)                     | 14.56             | (12.19 - 17.30)                     |
| Region 3                        | 13.83               | (11.56 - 16.46)                       | 16.55             | (14.37 - 18.99)                     | 16.10             | (14.16 - 18.25)                     |
| Region 3a (Champaign)           | 13.43               | (10.42 - 17.13)                       | 15.68             | (12.95 - 18.87)                     | 15.03             | (12.65 - 17.77)                     |
| Region 3b                       | 13.97               | (11.27 - 17.19)                       | 16.67             | (14.28 - 19.37)                     | 16.28             | (14.12 - 18.70)                     |
| Region 4                        | 14.28               | (11.58 - 17.47)                       | 16.51             | (14.27 - 19.03)                     | 16.21             | (14.14 - 18.52)                     |
| Region 4a (Sangamon)            | *                   | (* - *)                               | 17.21             | (14.15 - 20.78)                     | 16.94             | (14.09 - 20.24)                     |
| Region 4b                       | 14.08               | (11.05 - 17.78)                       | 16.31             | (13.71 - 19.29)                     | 16.00             | (13.61 - 18.73)                     |
| Region 5                        | 13.30               | (11.04 - 15.96)                       | 15.71             | (13.62 - 18.06)                     | 15.38             | (13.47 - 17.51)                     |
| Region 5a                       | 13.11               | (10.26 - 16.61)                       | 16.09             | (13.29 - 19.35)                     | 15.69             | (13.12 - 18.65)                     |
| Region 5b                       | 13.46               | (10.55 - 17.01)                       | 15.41             | (12.82 - 18.40)                     | 15.14             | (12.78 - 17.85)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                    | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                           | 14.84               | (12.74 - 17.22)                       | 16.67             | (14.89 - 18.61)                     | 16.39             | (14.77 - 18.15)                     |
| Central                                  | 13.91               | (11.03 - 17.38)                       | 15.67             | (13.28 - 18.40)                     | 15.43             | (13.24 - 17.90)                     |
| East                                     | 15.40               | (11.86 - 19.76)                       | 17.31             | (14.10 - 21.07)                     | 17.00             | (14.05 - 20.43)                     |
| North Central                            | 14.98               | (11.70 - 18.98)                       | 16.56             | (13.65 - 19.94)                     | 16.33             | (13.65 - 19.42)                     |
| Northeast                                | 15.72               | (12.10 - 20.17)                       | 17.89             | (14.71 - 21.58)                     | 17.58             | (14.66 - 20.93)                     |
| Northwest                                | 13.27               | (10.20 - 17.09)                       | 15.59             | (12.61 - 19.12)                     | 15.26             | (12.52 - 18.47)                     |
| Southeast                                | 15.38               | (11.88 - 19.68)                       | 16.88             | (13.94 - 20.28)                     | 16.69             | (13.97 - 19.81)                     |
| Southwest                                | 16.35               | (12.63 - 20.89)                       | 17.64             | (14.54 - 21.24)                     | 17.46             | (14.57 - 20.80)                     |
| West                                     | 15.33               | (11.88 - 19.56)                       | 17.90             | (14.67 - 21.66)                     | 17.32             | (14.47 - 20.60)                     |
| <b>Iowa</b>                              | 14.75               | (12.76 - 17.00)                       | 16.75             | (15.02 - 18.63)                     | 16.44             | (14.88 - 18.13)                     |
| Central                                  | 14.85               | (11.78 - 18.55)                       | 17.00             | (14.18 - 20.26)                     | 16.70             | (14.12 - 19.63)                     |
| North Central                            | 15.17               | (11.68 - 19.48)                       | 16.65             | (13.73 - 20.04)                     | 16.36             | (13.70 - 19.42)                     |
| Northeast                                | 16.00               | (12.84 - 19.76)                       | 17.78             | (15.00 - 20.95)                     | 17.51             | (14.99 - 20.36)                     |
| Northwest                                | 14.31               | (11.18 - 18.13)                       | 15.05             | (12.47 - 18.07)                     | 14.95             | (12.57 - 17.70)                     |
| Southeast                                | 13.26               | (10.46 - 16.68)                       | 16.48             | (13.81 - 19.54)                     | 15.96             | (13.55 - 18.71)                     |
| Southwest                                | 14.98               | (11.55 - 19.20)                       | 17.01             | (14.02 - 20.49)                     | 16.76             | (13.98 - 19.96)                     |
| <b>Kansas</b>                            | 14.76               | (12.71 - 17.07)                       | 15.24             | (13.54 - 17.12)                     | 15.17             | (13.61 - 16.87)                     |
| Northeast                                | 16.00               | (13.30 - 19.13)                       | 15.35             | (13.15 - 17.85)                     | 15.46             | (13.47 - 17.68)                     |
| Northwest and North Central              | *                   | (* - *)                               | 15.10             | (12.21 - 18.53)                     | 15.08             | (12.37 - 18.27)                     |
| South Central                            | 13.67               | (10.93 - 16.95)                       | 15.48             | (13.08 - 18.24)                     | 15.22             | (13.02 - 17.71)                     |
| Southeast                                | *                   | (* - *)                               | 15.92             | (12.82 - 19.60)                     | 15.54             | (12.68 - 18.89)                     |
| Southwest                                | 10.09               | (7.51 - 13.44)                        | 12.36             | (9.85 - 15.40)                      | 12.00             | (9.70 - 14.76)                      |
| <b>Kentucky</b>                          | 14.29               | (12.24 - 16.62)                       | 18.32             | (16.44 - 20.37)                     | 17.75             | (16.05 - 19.60)                     |
| Adanta, Cumberland River, and Lifeskills | 14.03               | (10.86 - 17.94)                       | 19.13             | (15.98 - 22.74)                     | 18.39             | (15.52 - 21.66)                     |
| Bluegrass, Comprehend, and North Key     | 14.64               | (11.75 - 18.09)                       | 18.48             | (15.80 - 21.49)                     | 17.90             | (15.50 - 20.59)                     |
| Centerstone                              | 13.32               | (10.46 - 16.81)                       | 17.11             | (14.36 - 20.27)                     | 16.61             | (14.10 - 19.47)                     |
| Communicare and River Valley             | 14.21               | (10.93 - 18.28)                       | 17.80             | (14.50 - 21.67)                     | 17.30             | (14.29 - 20.80)                     |
| Four Rivers and Pennyroyal               | 15.41               | (11.91 - 19.71)                       | 17.94             | (14.63 - 21.79)                     | 17.57             | (14.53 - 21.07)                     |
| Kentucky River, Mountain, and Pathways   | 14.64               | (11.24 - 18.85)                       | 19.94             | (16.49 - 23.92)                     | 19.25             | (16.08 - 22.86)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 10.56               | (8.89 - 12.51)                        | 13.90             | (12.25 - 15.72)                     | 13.41             | (11.90 - 15.07)                     |
| Regions 1 and 10      | 9.44                | (7.46 - 11.88)                        | 13.40             | (11.23 - 15.91)                     | 12.85             | (10.86 - 15.15)                     |
| Region 1              | 8.92                | (6.68 - 11.83)                        | 12.92             | (10.38 - 15.97)                     | 12.31             | (10.00 - 15.06)                     |
| Region 10 (Jefferson) | 10.16               | (7.67 - 13.32)                        | 13.90             | (11.19 - 17.14)                     | 13.45             | (10.94 - 16.43)                     |
| Regions 2 and 9       | 12.06               | (9.53 - 15.15)                        | 13.30             | (11.13 - 15.82)                     | 13.11             | (11.12 - 15.39)                     |
| Region 3              | 10.07               | (7.60 - 13.23)                        | 13.67             | (11.15 - 16.64)                     | 13.16             | (10.85 - 15.87)                     |
| Regions 4, 5, and 6   | 10.80               | (8.28 - 13.97)                        | 15.12             | (12.53 - 18.15)                     | 14.49             | (12.12 - 17.23)                     |
| Regions 7 and 8       | 9.47                | (7.29 - 12.21)                        | 13.71             | (11.21 - 16.66)                     | 13.06             | (10.82 - 15.68)                     |
| <b>Maine</b>          | 17.55               | (15.25 - 20.12)                       | 20.29             | (18.28 - 22.45)                     | 19.96             | (18.10 - 21.96)                     |
| Aroostook/Downeast    | 16.14               | (13.09 - 19.74)                       | 18.97             | (16.17 - 22.12)                     | 18.66             | (16.05 - 21.59)                     |
| Aroostook             | 16.13               | (12.36 - 20.78)                       | 18.51             | (15.17 - 22.38)                     | 18.24             | (15.13 - 21.83)                     |
| Downeast              | 16.14               | (12.38 - 20.78)                       | 19.33             | (15.76 - 23.50)                     | 19.00             | (15.63 - 22.91)                     |
| Central               | 18.05               | (14.01 - 22.95)                       | 21.12             | (17.58 - 25.16)                     | 20.77             | (17.48 - 24.49)                     |
| Cumberland            | 18.50               | (14.83 - 22.83)                       | 21.06             | (17.88 - 24.63)                     | 20.75             | (17.80 - 24.04)                     |
| Midcoast              | 17.65               | (13.65 - 22.50)                       | 19.32             | (15.98 - 23.16)                     | 19.16             | (15.99 - 22.78)                     |
| Penquis               | 15.91               | (12.52 - 20.02)                       | 20.33             | (16.87 - 24.28)                     | 19.68             | (16.55 - 23.25)                     |
| Western               | 16.88               | (13.19 - 21.33)                       | 19.62             | (16.33 - 23.38)                     | 19.28             | (16.22 - 22.75)                     |
| York                  | 19.20               | (15.20 - 23.95)                       | 20.87             | (17.36 - 24.87)                     | 20.68             | (17.41 - 24.39)                     |
| <b>Maryland</b>       | 13.53               | (11.65 - 15.66)                       | 14.49             | (12.90 - 16.24)                     | 14.36             | (12.89 - 15.96)                     |
| Anne Arundel          | 15.68               | (12.10 - 20.07)                       | 15.86             | (13.02 - 19.19)                     | 15.84             | (13.18 - 18.92)                     |
| Baltimore City        | 10.50               | (8.05 - 13.60)                        | 13.16             | (10.78 - 15.96)                     | 12.74             | (10.59 - 15.24)                     |
| Baltimore County      | 14.92               | (11.55 - 19.06)                       | 16.23             | (13.28 - 19.69)                     | 16.06             | (13.32 - 19.23)                     |
| Montgomery            | 14.10               | (11.00 - 17.89)                       | 13.86             | (11.51 - 16.60)                     | 13.89             | (11.68 - 16.44)                     |
| North Central         | 15.90               | (12.36 - 20.23)                       | 15.93             | (12.97 - 19.42)                     | 15.93             | (13.18 - 19.13)                     |
| Northeast             | 16.49               | (12.87 - 20.89)                       | 16.16             | (13.19 - 19.64)                     | 16.20             | (13.42 - 19.43)                     |
| Prince George's       | 9.27                | (7.06 - 12.09)                        | 9.88              | (7.85 - 12.36)                      | 9.79              | (7.94 - 12.00)                      |
| South                 | 13.70               | (10.46 - 17.76)                       | 15.00             | (12.22 - 18.27)                     | 14.80             | (12.24 - 17.80)                     |
| West                  | 15.78               | (12.13 - 20.28)                       | 17.23             | (14.24 - 20.70)                     | 17.04             | (14.25 - 20.24)                     |

See notes at end of table.

(continued)



**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 15.66               | (13.40 - 18.23)                       | 19.35             | (17.41 - 21.46)                     | 18.80             | (17.05 - 20.70)                     |
| Boston                | 14.02               | (10.74 - 18.09)                       | 19.63             | (16.35 - 23.39)                     | 18.45             | (15.60 - 21.70)                     |
| Central               | 15.44               | (11.94 - 19.75)                       | 18.68             | (15.58 - 22.22)                     | 18.21             | (15.39 - 21.42)                     |
| Metrowest             | 17.17               | (13.52 - 21.56)                       | 18.98             | (16.05 - 22.31)                     | 18.74             | (16.03 - 21.78)                     |
| Northeast             | 15.19               | (11.87 - 19.23)                       | 20.20             | (17.07 - 23.74)                     | 19.54             | (16.70 - 22.73)                     |
| Southeast             | 15.98               | (12.37 - 20.38)                       | 19.31             | (16.19 - 22.88)                     | 18.89             | (16.00 - 22.16)                     |
| Western               | 15.94               | (12.42 - 20.23)                       | 19.17             | (15.95 - 22.86)                     | 18.62             | (15.70 - 21.94)                     |
| <b>Michigan</b>       | 14.71               | (13.22 - 16.34)                       | 16.19             | (15.00 - 17.45)                     | 15.98             | (14.90 - 17.11)                     |
| Region 1              | 15.97               | (12.51 - 20.16)                       | 16.61             | (13.69 - 20.02)                     | 16.52             | (13.82 - 19.64)                     |
| Region 2              | 16.25               | (12.70 - 20.55)                       | 16.33             | (13.46 - 19.67)                     | 16.33             | (13.63 - 19.43)                     |
| Region 3              | 16.20               | (13.18 - 19.76)                       | 18.03             | (15.50 - 20.88)                     | 17.75             | (15.45 - 20.32)                     |
| Region 4              | 15.26               | (12.37 - 18.69)                       | 16.17             | (13.67 - 19.02)                     | 16.03             | (13.76 - 18.60)                     |
| Region 5              | 16.13               | (13.45 - 19.22)                       | 17.39             | (15.20 - 19.82)                     | 17.17             | (15.20 - 19.34)                     |
| Region 6              | 15.91               | (12.61 - 19.89)                       | 15.95             | (13.39 - 18.89)                     | 15.94             | (13.60 - 18.60)                     |
| Region 7              | 10.91               | (8.83 - 13.43)                        | 14.09             | (12.02 - 16.44)                     | 13.62             | (11.78 - 15.69)                     |
| Region 8              | 14.52               | (11.69 - 17.90)                       | 14.73             | (12.47 - 17.32)                     | 14.71             | (12.62 - 17.07)                     |
| Region 9              | 14.37               | (11.51 - 17.79)                       | 16.99             | (14.39 - 19.95)                     | 16.66             | (14.27 - 19.37)                     |
| Region 10             | 14.63               | (11.68 - 18.18)                       | 17.06             | (14.34 - 20.16)                     | 16.73             | (14.24 - 19.55)                     |
| <b>Minnesota</b>      | 16.80               | (14.53 - 19.34)                       | 18.56             | (16.71 - 20.57)                     | 18.32             | (16.61 - 20.17)                     |
| Regions 1 and 2       | 17.94               | (14.53 - 21.94)                       | 18.48             | (15.67 - 21.66)                     | 18.41             | (15.78 - 21.37)                     |
| Region 1              | *                   | (* - *)                               | 17.27             | (13.98 - 21.15)                     | 17.13             | (14.05 - 20.71)                     |
| Region 2              | *                   | (* - *)                               | 19.20             | (15.67 - 23.29)                     | 19.18             | (15.86 - 22.99)                     |
| Regions 3 and 4       | 16.68               | (13.58 - 20.33)                       | 17.98             | (15.42 - 20.87)                     | 17.80             | (15.43 - 20.45)                     |
| Region 3              | *                   | (* - *)                               | 17.63             | (14.34 - 21.50)                     | 17.48             | (14.39 - 21.06)                     |
| Region 4              | 16.79               | (13.21 - 21.10)                       | 18.18             | (15.13 - 21.68)                     | 17.98             | (15.17 - 21.18)                     |
| Regions 5 and 6       | 16.74               | (13.78 - 20.19)                       | 17.96             | (15.33 - 20.93)                     | 17.78             | (15.36 - 20.50)                     |
| Region 5              | 16.55               | (12.99 - 20.86)                       | 17.93             | (14.65 - 21.76)                     | 17.73             | (14.72 - 21.21)                     |
| Region 6              | 16.93               | (13.18 - 21.48)                       | 17.99             | (14.68 - 21.85)                     | 17.84             | (14.78 - 21.37)                     |
| Region 7              | 16.65               | (14.09 - 19.57)                       | 18.96             | (16.82 - 21.31)                     | 18.65             | (16.68 - 20.80)                     |
| Region 7A (Hennepin)  | 16.78               | (13.43 - 20.77)                       | 18.63             | (15.77 - 21.88)                     | 18.39             | (15.74 - 21.37)                     |
| Region 7B (Ramsey)    | 14.34               | (10.99 - 18.50)                       | 19.61             | (16.27 - 23.45)                     | 18.78             | (15.76 - 22.22)                     |
| Region 7C             | 17.78               | (14.17 - 22.07)                       | 19.02             | (16.09 - 22.34)                     | 18.86             | (16.16 - 21.90)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 9.43                | (7.85 - 11.29)                        | 12.95             | (11.39 - 14.69)                     | 12.42             | (11.00 - 13.98)                     |
| Region 1                               | 10.05               | (7.65 - 13.11)                        | 13.92             | (11.55 - 16.69)                     | 13.34             | (11.19 - 15.83)                     |
| Region 2                               | 6.98                | (5.16 - 9.40)                         | 11.32             | (9.07 - 14.04)                      | 10.66             | (8.64 - 13.08)                      |
| Region 3                               | 9.60                | (7.25 - 12.62)                        | 13.20             | (10.63 - 16.29)                     | 12.58             | (10.27 - 15.32)                     |
| Region 4                               | 9.11                | (6.89 - 11.94)                        | 11.71             | (9.60 - 14.20)                      | 11.32             | (9.40 - 13.57)                      |
| Region 5                               | *                   | (* - *)                               | 12.61             | (10.03 - 15.74)                     | 12.14             | (9.77 - 14.98)                      |
| Region 6                               | 10.09               | (7.59 - 13.30)                        | 13.70             | (11.19 - 16.67)                     | 13.14             | (10.84 - 15.83)                     |
| Region 7                               | 10.33               | (7.88 - 13.44)                        | 13.68             | (11.11 - 16.72)                     | 13.21             | (10.87 - 15.95)                     |
| <b>Missouri</b>                        | 12.46               | (10.52 - 14.70)                       | 16.37             | (14.64 - 18.25)                     | 15.81             | (14.24 - 17.52)                     |
| Central                                | 12.99               | (9.96 - 16.77)                        | 15.06             | (12.28 - 18.33)                     | 14.69             | (12.21 - 17.59)                     |
| Eastern                                | 12.60               | (10.11 - 15.59)                       | 16.74             | (14.47 - 19.30)                     | 16.18             | (14.10 - 18.51)                     |
| Eastern (St. Louis City and<br>County) | 12.40               | (9.54 - 15.98)                        | 16.88             | (14.10 - 20.09)                     | 16.27             | (13.73 - 19.18)                     |
| Eastern (excluding St. Louis)          | 12.95               | (9.85 - 16.84)                        | 16.50             | (13.62 - 19.87)                     | 16.04             | (13.37 - 19.11)                     |
| Northwest                              | 12.41               | (9.95 - 15.37)                        | 16.34             | (14.00 - 18.99)                     | 15.80             | (13.64 - 18.22)                     |
| Northwest (Jackson)                    | 11.10               | (8.43 - 14.48)                        | 15.41             | (12.68 - 18.60)                     | 14.83             | (12.33 - 17.73)                     |
| Northwest (excluding Jackson)          | 13.44               | (10.27 - 17.41)                       | 17.14             | (14.15 - 20.61)                     | 16.61             | (13.86 - 19.78)                     |
| Southeast                              | 12.50               | (9.53 - 16.22)                        | 16.80             | (13.79 - 20.31)                     | 16.22             | (13.46 - 19.42)                     |
| Southwest                              | 11.62               | (8.84 - 15.12)                        | 16.33             | (13.48 - 19.64)                     | 15.66             | (13.07 - 18.66)                     |
| <b>Montana</b>                         | 15.27               | (13.19 - 17.62)                       | 16.75             | (14.89 - 18.79)                     | 16.54             | (14.84 - 18.41)                     |
| Region 1                               | *                   | (* - *)                               | 15.79             | (12.69 - 19.47)                     | 15.58             | (12.69 - 18.98)                     |
| Region 2                               | 14.32               | (11.18 - 18.16)                       | 18.14             | (14.95 - 21.83)                     | 17.58             | (14.68 - 20.91)                     |
| Region 3                               | 15.13               | (11.92 - 19.02)                       | 15.99             | (13.39 - 19.00)                     | 15.89             | (13.47 - 18.65)                     |
| Region 4                               | 16.80               | (13.61 - 20.56)                       | 17.02             | (14.30 - 20.14)                     | 16.99             | (14.49 - 19.82)                     |
| Region 5                               | 14.67               | (11.82 - 18.06)                       | 16.65             | (14.07 - 19.60)                     | 16.37             | (14.02 - 19.03)                     |
| <b>Nebraska</b>                        | 14.26               | (12.14 - 16.67)                       | 15.35             | (13.60 - 17.29)                     | 15.19             | (13.58 - 16.94)                     |
| Regions 1 and 2                        | 12.82               | (10.05 - 16.23)                       | 14.58             | (12.13 - 17.42)                     | 14.34             | (12.06 - 16.98)                     |
| Region 1                               | *                   | (* - *)                               | 14.60             | (11.70 - 18.07)                     | 14.35             | (11.68 - 17.51)                     |
| Region 2                               | *                   | (* - *)                               | 14.56             | (11.59 - 18.14)                     | 14.34             | (11.55 - 17.67)                     |
| Region 3                               | 13.52               | (10.47 - 17.29)                       | 14.60             | (11.84 - 17.88)                     | 14.44             | (11.90 - 17.42)                     |
| Region 4                               | 13.14               | (9.93 - 17.20)                        | 13.82             | (11.15 - 17.00)                     | 13.72             | (11.23 - 16.66)                     |
| Region 5                               | 14.55               | (11.50 - 18.25)                       | 15.90             | (13.30 - 18.88)                     | 15.67             | (13.30 - 18.37)                     |
| Region 6                               | 14.87               | (12.04 - 18.24)                       | 15.85             | (13.49 - 18.54)                     | 15.71             | (13.57 - 18.11)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 8.83                | (7.27 - 10.69)                        | 12.24             | (10.63 - 14.06)                     | 11.79             | (10.33 - 13.43)                     |
| Clark – Region 1        | 8.33                | (6.64 - 10.41)                        | 11.75             | (9.97 - 13.80)                      | 11.30             | (9.69 - 13.13)                      |
| Region 3                | 10.61               | (8.20 - 13.63)                        | 13.22             | (10.90 - 15.96)                     | 12.92             | (10.74 - 15.47)                     |
| Capital District        | *                   | (* - *)                               | 13.26             | (10.46 - 16.67)                     | 13.01             | (10.38 - 16.18)                     |
| Rural/Frontier          | *                   | (* - *)                               | 13.19             | (10.46 - 16.51)                     | 12.85             | (10.30 - 15.91)                     |
| Washoe – Region 2       | 9.87                | (7.48 - 12.93)                        | 13.71             | (11.10 - 16.81)                     | 13.19             | (10.82 - 15.99)                     |
| <b>New Hampshire</b>    | 21.44               | (18.61 - 24.57)                       | 21.07             | (19.03 - 23.27)                     | 21.12             | (19.24 - 23.13)                     |
| Central                 | 21.27               | (17.89 - 25.09)                       | 21.51             | (18.85 - 24.42)                     | 21.47             | (19.03 - 24.14)                     |
| Central 1               | 22.34               | (17.93 - 27.48)                       | 22.09             | (18.70 - 25.91)                     | 22.13             | (19.01 - 25.60)                     |
| Central 2               | 19.93               | (16.19 - 24.28)                       | 20.95             | (17.64 - 24.70)                     | 20.82             | (17.77 - 24.24)                     |
| Northern                | 19.67               | (15.68 - 24.40)                       | 21.53             | (17.91 - 25.66)                     | 21.27             | (17.97 - 25.00)                     |
| Southern                | 21.96               | (18.52 - 25.83)                       | 20.75             | (18.37 - 23.36)                     | 20.91             | (18.71 - 23.31)                     |
| Southern 1 (Rockingham) | 22.66               | (18.08 - 28.01)                       | 21.11             | (17.84 - 24.80)                     | 21.30             | (18.21 - 24.75)                     |
| Southern 2              | 21.58               | (17.64 - 26.12)                       | 20.53             | (17.70 - 23.68)                     | 20.67             | (18.08 - 23.53)                     |
| <b>New Jersey</b>       | 12.23               | (10.64 - 14.01)                       | 13.57             | (12.17 - 15.11)                     | 13.40             | (12.13 - 14.78)                     |
| Central                 | 14.90               | (11.95 - 18.42)                       | 14.02             | (11.77 - 16.63)                     | 14.14             | (12.05 - 16.52)                     |
| Metropolitan            | 10.22               | (8.09 - 12.85)                        | 12.54             | (10.46 - 14.98)                     | 12.22             | (10.32 - 14.42)                     |
| Northern                | 11.74               | (9.60 - 14.28)                        | 12.79             | (10.88 - 14.98)                     | 12.66             | (10.91 - 14.65)                     |
| Southern                | 12.60               | (10.06 - 15.66)                       | 15.49             | (13.04 - 18.31)                     | 15.11             | (12.89 - 17.63)                     |
| <b>New Mexico</b>       | 10.65               | (8.92 - 12.67)                        | 14.24             | (12.55 - 16.12)                     | 13.72             | (12.18 - 15.43)                     |
| Region 1                | 10.32               | (7.91 - 13.36)                        | 12.91             | (10.49 - 15.78)                     | 12.53             | (10.32 - 15.14)                     |
| Region 2                | 10.30               | (7.63 - 13.77)                        | 13.90             | (11.18 - 17.16)                     | 13.48             | (10.96 - 16.48)                     |
| Region 3 (Bernalillo)   | 11.33               | (8.95 - 14.25)                        | 15.13             | (12.72 - 17.91)                     | 14.60             | (12.43 - 17.07)                     |
| Region 4                | 10.57               | (7.91 - 14.00)                        | 14.55             | (11.96 - 17.58)                     | 13.91             | (11.57 - 16.64)                     |
| Region 5                | 10.22               | (8.06 - 12.88)                        | 14.22             | (12.00 - 16.77)                     | 13.58             | (11.57 - 15.87)                     |
| Region 5a               | 10.75               | (8.08 - 14.17)                        | 14.50             | (11.71 - 17.82)                     | 14.00             | (11.44 - 17.03)                     |
| Region 5b (Dona Ana)    | 9.87                | (7.34 - 13.13)                        | 13.95             | (11.32 - 17.07)                     | 13.19             | (10.83 - 15.97)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                             | 11.75               | (10.53 - 13.10)                       | 14.72             | (13.67 - 15.83)                     | 14.29             | (13.36 - 15.28)                     |
| Region 1: Long Island                       | 12.01               | (9.77 - 14.67)                        | 13.61             | (11.65 - 15.84)                     | 13.39             | (11.62 - 15.39)                     |
| Region 2: New York City                     | 9.31                | (8.05 - 10.76)                        | 13.62             | (12.33 - 15.03)                     | 13.02             | (11.86 - 14.28)                     |
| Region 2A (Bronx)                           | 7.02                | (5.34 - 9.18)                         | 11.19             | (9.26 - 13.45)                      | 10.48             | (8.78 - 12.47)                      |
| Region 2B (Kings)                           | 8.62                | (6.76 - 10.93)                        | 12.63             | (10.73 - 14.81)                     | 12.05             | (10.34 - 14.01)                     |
| Region 2C (New York)                        | 12.86               | (10.23 - 16.05)                       | 18.21             | (15.43 - 21.37)                     | 17.53             | (14.99 - 20.38)                     |
| Region 2D (Queens)                          | 8.78                | (6.88 - 11.13)                        | 12.23             | (10.31 - 14.46)                     | 11.80             | (10.03 - 13.82)                     |
| Region 2E (Richmond)                        | 11.27               | (8.62 - 14.59)                        | 15.19             | (12.43 - 18.44)                     | 14.65             | (12.12 - 17.61)                     |
| Region 3: Mid-Hudson                        | 12.70               | (10.08 - 15.89)                       | 14.46             | (12.32 - 16.90)                     | 14.21             | (12.26 - 16.41)                     |
| Region 4: Capital Region                    | 15.40               | (12.38 - 18.99)                       | 16.95             | (14.17 - 20.15)                     | 16.73             | (14.19 - 19.62)                     |
| Region 5: Mohawk Valley                     | *                   | (* - *)                               | 17.10             | (14.06 - 20.64)                     | 16.73             | (13.93 - 19.96)                     |
| Region 6: North Country                     | *                   | (* - *)                               | 16.74             | (13.88 - 20.06)                     | 16.42             | (13.74 - 19.50)                     |
| Region 7: Tug Hill Seaway                   | *                   | (* - *)                               | 16.86             | (14.04 - 20.12)                     | 16.29             | (13.76 - 19.17)                     |
| Region 8: Central                           | 14.20               | (11.31 - 17.66)                       | 16.92             | (14.38 - 19.79)                     | 16.48             | (14.17 - 19.07)                     |
| Region 9: Southern Tier                     | 15.96               | (12.41 - 20.29)                       | 18.32             | (15.32 - 21.76)                     | 17.87             | (15.16 - 20.95)                     |
| Region 10: Finger Lakes                     | 14.67               | (11.77 - 18.13)                       | 17.66             | (15.06 - 20.61)                     | 17.21             | (14.84 - 19.86)                     |
| Region 11: Western                          | 13.35               | (10.80 - 16.40)                       | 15.88             | (13.66 - 18.39)                     | 15.51             | (13.48 - 17.79)                     |
| <b>North Carolina</b>                       | 12.29               | (10.70 - 14.09)                       | 16.54             | (15.09 - 18.10)                     | 15.95             | (14.63 - 17.35)                     |
| Alliance Behavioral Healthcare 1            | 11.80               | (9.08 - 15.19)                        | 16.91             | (14.22 - 19.98)                     | 16.11             | (13.69 - 18.87)                     |
| Alliance Behavioral Healthcare 2            | 14.14               | (10.92 - 18.13)                       | 15.92             | (13.17 - 19.13)                     | 15.68             | (13.13 - 18.61)                     |
| Cardinal Innovations Healthcare Solutions 1 | 12.64               | (9.65 - 16.38)                        | 16.38             | (13.57 - 19.64)                     | 15.90             | (13.32 - 18.88)                     |
| Cardinal Innovations Healthcare Solutions 2 | 12.04               | (9.28 - 15.48)                        | 15.67             | (12.94 - 18.85)                     | 15.13             | (12.65 - 18.00)                     |
| Cardinal Innovations Healthcare Solutions 3 | 11.69               | (9.09 - 14.91)                        | 16.05             | (13.38 - 19.14)                     | 15.46             | (13.03 - 18.25)                     |
| CenterPoint Human Services                  | 12.98               | (10.08 - 16.56)                       | 17.30             | (14.29 - 20.80)                     | 16.73             | (13.98 - 19.89)                     |
| Eastpointe                                  | 9.30                | (7.12 - 12.05)                        | 14.81             | (12.24 - 17.81)                     | 14.04             | (11.72 - 16.74)                     |
| Partners Behavioral Health Management       | 12.73               | (9.84 - 16.32)                        | 18.55             | (15.33 - 22.27)                     | 17.82             | (14.89 - 21.19)                     |
| Sandhills Center 1                          | 12.42               | (9.58 - 15.96)                        | 16.96             | (14.01 - 20.39)                     | 16.38             | (13.67 - 19.50)                     |
| Sandhills Center 2                          | 11.29               | (8.66 - 14.60)                        | 16.02             | (13.25 - 19.24)                     | 15.28             | (12.78 - 18.18)                     |
| Smoky Mountain Center 1                     | 14.05               | (10.84 - 18.02)                       | 17.63             | (14.56 - 21.18)                     | 17.12             | (14.30 - 20.37)                     |
| Smoky Mountain Center 2                     | 13.83               | (10.67 - 17.75)                       | 17.84             | (14.74 - 21.43)                     | 17.41             | (14.53 - 20.72)                     |
| Trillium Health Resources 1                 | 11.16               | (8.56 - 14.42)                        | 14.91             | (12.27 - 18.00)                     | 14.32             | (11.94 - 17.07)                     |
| Trillium Health Resources 2                 | 13.02               | (10.07 - 16.67)                       | 17.03             | (14.07 - 20.46)                     | 16.36             | (13.72 - 19.41)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 13.09               | (11.25 - 15.17)                       | 15.22             | (13.57 - 17.03)                     | 14.83             | (13.38 - 16.42)                     |
| Badlands and West Central     | 12.96               | (10.32 - 16.17)                       | 15.65             | (13.44 - 18.15)                     | 15.26             | (13.23 - 17.53)                     |
| Badlands                      | *                   | (* - *)                               | 14.62             | (11.79 - 17.99)                     | 14.25             | (11.65 - 17.32)                     |
| West Central                  | 13.20               | (10.20 - 16.92)                       | 15.95             | (13.44 - 18.83)                     | 15.55             | (13.25 - 18.17)                     |
| Lake Region                   | *                   | (* - *)                               | 12.49             | (9.99 - 15.51)                      | 12.13             | (9.86 - 14.83)                      |
| North Central                 | 13.01               | (10.00 - 16.75)                       | 14.68             | (12.07 - 17.74)                     | 14.38             | (12.03 - 17.10)                     |
| Northeast                     | 13.44               | (10.61 - 16.88)                       | 15.78             | (13.08 - 18.93)                     | 15.19             | (12.85 - 17.86)                     |
| Northwest                     | *                   | (* - *)                               | 14.10             | (11.29 - 17.47)                     | 13.96             | (11.33 - 17.08)                     |
| South Central                 | *                   | (* - *)                               | 15.24             | (12.28 - 18.77)                     | 14.97             | (12.23 - 18.20)                     |
| Southeast                     | 13.40               | (10.82 - 16.47)                       | 15.61             | (13.15 - 18.44)                     | 15.15             | (13.02 - 17.55)                     |
| <b>Ohio</b>                   | 14.96               | (13.48 - 16.57)                       | 17.22             | (15.96 - 18.56)                     | 16.91             | (15.77 - 18.12)                     |
| Boards 2, 46, 55, and 68      | 15.00               | (11.62 - 19.15)                       | 17.20             | (14.33 - 20.51)                     | 16.90             | (14.25 - 19.93)                     |
| Boards 3, 52, and 85          | *                   | (* - *)                               | 17.26             | (14.30 - 20.69)                     | 17.04             | (14.30 - 20.19)                     |
| Boards 4 and 78               | 14.38               | (11.14 - 18.37)                       | 17.04             | (14.09 - 20.47)                     | 16.72             | (13.98 - 19.87)                     |
| Boards 5 and 60               | 15.87               | (12.55 - 19.86)                       | 18.25             | (15.06 - 21.94)                     | 17.83             | (14.96 - 21.10)                     |
| Boards 7, 15, 41, 79, and 84  | *                   | (* - *)                               | 17.73             | (14.72 - 21.20)                     | 17.45             | (14.66 - 20.64)                     |
| Boards 8, 13, and 83          | *                   | (* - *)                               | 16.31             | (13.52 - 19.54)                     | 16.29             | (13.69 - 19.28)                     |
| Board 9 (Butler)              | *                   | (* - *)                               | 17.25             | (14.40 - 20.53)                     | 17.10             | (14.45 - 20.13)                     |
| Board 12                      | 14.99               | (11.87 - 18.75)                       | 16.59             | (13.76 - 19.88)                     | 16.34             | (13.77 - 19.29)                     |
| Boards 18 and 47              | 14.74               | (12.00 - 17.96)                       | 16.55             | (14.13 - 19.28)                     | 16.31             | (14.10 - 18.78)                     |
| Boards 20, 32, 54, and 69     | 15.41               | (12.15 - 19.35)                       | 16.24             | (13.45 - 19.48)                     | 16.13             | (13.55 - 19.10)                     |
| Boards 21, 39, 51, 70, and 80 | 16.81               | (13.23 - 21.13)                       | 17.45             | (14.47 - 20.90)                     | 17.37             | (14.58 - 20.58)                     |
| Boards 22, 74, and 87         | 14.14               | (11.00 - 17.99)                       | 16.74             | (13.81 - 20.14)                     | 16.35             | (13.67 - 19.44)                     |
| Boards 23 and 45              | 16.69               | (13.13 - 20.99)                       | 18.76             | (15.62 - 22.36)                     | 18.46             | (15.57 - 21.76)                     |
| Board 25 (Franklin)           | 14.06               | (11.38 - 17.25)                       | 17.40             | (14.73 - 20.44)                     | 16.89             | (14.50 - 19.58)                     |
| Boards 27, 71, and 73         | 14.68               | (11.52 - 18.52)                       | 18.53             | (15.37 - 22.16)                     | 18.04             | (15.14 - 21.36)                     |
| Boards 28, 43, and 67         | 15.96               | (12.61 - 20.01)                       | 17.19             | (14.34 - 20.47)                     | 17.02             | (14.38 - 20.03)                     |
| Board 31 (Hamilton)           | 14.21               | (11.24 - 17.80)                       | 16.79             | (14.08 - 19.89)                     | 16.42             | (13.94 - 19.23)                     |
| Board 48 (Lucas)              | 14.64               | (11.43 - 18.56)                       | 17.67             | (14.69 - 21.10)                     | 17.21             | (14.48 - 20.34)                     |
| Boards 50 and 76              | 14.34               | (11.33 - 17.99)                       | 18.03             | (15.19 - 21.26)                     | 17.56             | (14.95 - 20.51)                     |
| Board 57 (Montgomery)         | 13.77               | (10.83 - 17.36)                       | 17.78             | (14.87 - 21.11)                     | 17.23             | (14.57 - 20.25)                     |
| Board 77 (Summit)             | 14.36               | (11.31 - 18.08)                       | 16.33             | (13.59 - 19.49)                     | 16.07             | (13.56 - 18.95)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 12.47               | (10.55 - 14.67)                       | 15.79             | (14.11 - 17.64)                     | 15.29             | (13.76 - 16.96)                     |
| Central                               | 14.27               | (10.99 - 18.33)                       | 17.71             | (14.58 - 21.33)                     | 17.15             | (14.33 - 20.41)                     |
| East Central                          | 11.67               | (8.85 - 15.24)                        | 14.71             | (12.04 - 17.85)                     | 14.27             | (11.83 - 17.12)                     |
| Northeast                             | 11.90               | (9.01 - 15.56)                        | 14.52             | (11.86 - 17.67)                     | 14.08             | (11.66 - 16.92)                     |
| Northwest and Southwest               | 11.79               | (9.04 - 15.23)                        | 15.12             | (12.38 - 18.33)                     | 14.60             | (12.13 - 17.47)                     |
| Oklahoma County                       | 12.11               | (9.36 - 15.52)                        | 15.10             | (12.52 - 18.11)                     | 14.67             | (12.32 - 17.39)                     |
| Southeast                             | 12.08               | (9.16 - 15.78)                        | 15.99             | (13.13 - 19.34)                     | 15.44             | (12.83 - 18.48)                     |
| Tulsa County                          | 13.36               | (10.32 - 17.12)                       | 17.30             | (14.41 - 20.63)                     | 16.74             | (14.09 - 19.77)                     |
| <b>Oregon</b>                         | 15.72               | (13.58 - 18.13)                       | 18.45             | (16.61 - 20.44)                     | 18.09             | (16.42 - 19.88)                     |
| Region 1 (Multnomah)                  | 16.29               | (12.90 - 20.36)                       | 20.16             | (17.12 - 23.59)                     | 19.68             | (16.90 - 22.80)                     |
| Region 2                              | 15.96               | (12.76 - 19.79)                       | 18.20             | (15.45 - 21.32)                     | 17.92             | (15.39 - 20.76)                     |
| Region 3                              | 15.79               | (12.84 - 19.27)                       | 18.68             | (15.88 - 21.86)                     | 18.24             | (15.74 - 21.04)                     |
| Region 4                              | 15.38               | (11.98 - 19.52)                       | 16.80             | (13.99 - 20.05)                     | 16.64             | (14.01 - 19.65)                     |
| Region 5 (Central)                    | *                   | (* - *)                               | 17.94             | (14.55 - 21.91)                     | 17.66             | (14.49 - 21.34)                     |
| Region 6 (Eastern)                    | *                   | (* - *)                               | 16.86             | (13.73 - 20.55)                     | 16.42             | (13.54 - 19.77)                     |
| <b>Pennsylvania</b>                   | 13.68               | (12.32 - 15.17)                       | 16.90             | (15.62 - 18.26)                     | 16.46             | (15.31 - 17.68)                     |
| Region 1 (Allegheny)                  | 14.83               | (11.92 - 18.31)                       | 17.84             | (15.24 - 20.78)                     | 17.47             | (15.06 - 20.17)                     |
| Regions 3, 8, 9, and 51               | 15.99               | (12.80 - 19.80)                       | 17.83             | (15.03 - 21.02)                     | 17.58             | (15.01 - 20.49)                     |
| Regions 4, 11, 37, and 49             | 13.05               | (10.21 - 16.54)                       | 16.77             | (14.06 - 19.88)                     | 16.28             | (13.79 - 19.11)                     |
| Regions 5, 18, 23, 24, and 46         | 13.94               | (11.02 - 17.48)                       | 16.98             | (14.16 - 20.24)                     | 16.60             | (13.99 - 19.58)                     |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 13.44               | (10.60 - 16.90)                       | 16.47             | (13.72 - 19.65)                     | 15.92             | (13.45 - 18.73)                     |
| Regions 7, 13, 20, and 33             | 14.01               | (11.53 - 16.91)                       | 16.63             | (14.31 - 19.25)                     | 16.30             | (14.18 - 18.66)                     |
| Regions 10, 15, 27, 32, 43, and 44    | 14.17               | (11.08 - 17.95)                       | 16.62             | (13.77 - 19.91)                     | 16.33             | (13.70 - 19.35)                     |
| Regions 17 and 21                     | 14.02               | (10.98 - 17.73)                       | 16.84             | (14.00 - 20.12)                     | 16.42             | (13.83 - 19.38)                     |
| Regions 19, 26, 28, and 42            | 15.42               | (12.53 - 18.84)                       | 18.67             | (16.00 - 21.67)                     | 18.25             | (15.80 - 20.99)                     |
| Regions 22, 38, 40, 41, and 48        | 14.22               | (11.21 - 17.89)                       | 16.39             | (13.69 - 19.51)                     | 16.15             | (13.62 - 19.05)                     |
| Regions 29 and 34                     | 13.14               | (10.32 - 16.59)                       | 16.34             | (13.56 - 19.56)                     | 15.90             | (13.37 - 18.81)                     |
| Regions 30 and 50                     | 12.63               | (9.88 - 16.00)                        | 16.44             | (13.70 - 19.60)                     | 15.97             | (13.45 - 18.84)                     |
| Region 36 (Philadelphia)              | 10.90               | (8.69 - 13.60)                        | 15.41             | (12.96 - 18.22)                     | 14.64             | (12.49 - 17.08)                     |

See notes at end of table.

(continued)

**Table 12** *Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                     | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 16.22               | (13.84 - 18.93)                       | 20.07             | (17.98 - 22.34)                     | 19.47             | (17.57 - 21.53)                     |
| Region 1: Southern Providence<br>County                   | 16.36               | (12.68 - 20.85)                       | 20.72             | (17.37 - 24.54)                     | 20.15             | (17.06 - 23.64)                     |
| Region 2: Northern Providence<br>County/Blackstone Valley | 14.83               | (11.63 - 18.73)                       | 19.36             | (16.18 - 22.99)                     | 18.78             | (15.86 - 22.10)                     |
| Region 3: Providence                                      | 14.68               | (11.39 - 18.72)                       | 17.41             | (14.43 - 20.85)                     | 16.67             | (14.07 - 19.65)                     |
| Region 4: Kent County                                     | 16.98               | (13.22 - 21.54)                       | 20.54             | (17.17 - 24.37)                     | 20.14             | (17.01 - 23.67)                     |
| Region 5: East Bay                                        | 17.87               | (13.78 - 22.85)                       | 22.88             | (19.17 - 27.06)                     | 22.19             | (18.81 - 25.99)                     |
| Region 6: Newport County                                  | *                   | (* - *)                               | 20.30             | (16.66 - 24.51)                     | 20.02             | (16.64 - 23.89)                     |
| Region 7: South County                                    | 18.42               | (14.29 - 23.41)                       | 20.46             | (16.87 - 24.58)                     | 20.10             | (16.84 - 23.82)                     |
| <b>South Carolina</b>                                     | 12.48               | (10.67 - 14.56)                       | 14.38             | (12.74 - 16.19)                     | 14.12             | (12.61 - 15.77)                     |
| Region 1                                                  | 12.77               | (10.13 - 15.98)                       | 14.64             | (12.12 - 17.57)                     | 14.38             | (12.06 - 17.05)                     |
| Region 2                                                  | 12.91               | (10.20 - 16.22)                       | 14.46             | (12.07 - 17.23)                     | 14.23             | (12.04 - 16.74)                     |
| Region 3                                                  | 11.08               | (8.51 - 14.29)                        | 14.16             | (11.74 - 16.98)                     | 13.76             | (11.53 - 16.35)                     |
| Region 4                                                  | 12.57               | (9.91 - 15.82)                        | 14.17             | (11.90 - 16.79)                     | 13.95             | (11.87 - 16.33)                     |
| <b>South Dakota</b>                                       | 14.45               | (12.41 - 16.77)                       | 15.62             | (13.98 - 17.41)                     | 15.44             | (13.95 - 17.07)                     |
| Region 1                                                  | 13.43               | (10.53 - 16.98)                       | 14.75             | (12.43 - 17.41)                     | 14.56             | (12.42 - 17.01)                     |
| Region 2                                                  | 12.03               | (9.15 - 15.66)                        | 14.24             | (11.57 - 17.40)                     | 13.94             | (11.47 - 16.84)                     |
| Region 3                                                  | 14.82               | (11.83 - 18.41)                       | 15.55             | (13.08 - 18.39)                     | 15.43             | (13.20 - 17.95)                     |
| Region 4                                                  | 16.32               | (12.74 - 20.67)                       | 16.04             | (13.18 - 19.39)                     | 16.09             | (13.45 - 19.12)                     |
| Region 5                                                  | 14.67               | (11.72 - 18.20)                       | 16.65             | (14.06 - 19.60)                     | 16.38             | (14.02 - 19.05)                     |
| <b>Tennessee</b>                                          | 13.05               | (11.18 - 15.18)                       | 16.53             | (14.81 - 18.40)                     | 16.04             | (14.47 - 17.75)                     |
| Region 1                                                  | 14.42               | (11.15 - 18.46)                       | 17.55             | (14.38 - 21.25)                     | 17.17             | (14.23 - 20.57)                     |
| Region 2                                                  | 13.30               | (10.24 - 17.10)                       | 17.39             | (14.56 - 20.64)                     | 16.86             | (14.26 - 19.83)                     |
| Region 3                                                  | 13.09               | (10.13 - 16.76)                       | 16.66             | (13.85 - 19.90)                     | 16.18             | (13.61 - 19.12)                     |
| Region 4 (Davidson)                                       | 12.50               | (9.66 - 16.04)                        | 15.44             | (12.64 - 18.74)                     | 15.00             | (12.44 - 17.98)                     |
| Region 5                                                  | 14.57               | (11.40 - 18.43)                       | 17.88             | (15.08 - 21.08)                     | 17.42             | (14.85 - 20.32)                     |
| Region 6                                                  | 12.81               | (9.75 - 16.65)                        | 16.21             | (13.23 - 19.71)                     | 15.73             | (13.00 - 18.90)                     |
| Region 7 (Shelby)                                         | 10.33               | (7.83 - 13.50)                        | 13.20             | (10.78 - 16.07)                     | 12.74             | (10.54 - 15.32)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                    | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                             | 8.60                | (7.57 - 9.75)                         | 11.69             | (10.79 - 12.65)                     | 11.21             | (10.42 - 12.05)                     |
| Region 1                                                 | 8.97                | (6.82 - 11.71)                        | 12.23             | (10.10 - 14.72)                     | 11.66             | (9.76 - 13.88)                      |
| Region 2                                                 | 10.09               | (7.60 - 13.27)                        | 15.00             | (12.40 - 18.03)                     | 14.22             | (11.89 - 16.93)                     |
| Region 3                                                 | 9.05                | (7.62 - 10.73)                        | 12.09             | (10.75 - 13.58)                     | 11.65             | (10.45 - 12.96)                     |
| Region 3a                                                | 7.92                | (6.35 - 9.83)                         | 11.45             | (9.81 - 13.32)                      | 10.93             | (9.47 - 12.60)                      |
| Region 3bc                                               | 11.06               | (8.74 - 13.90)                        | 13.22             | (11.29 - 15.44)                     | 12.91             | (11.15 - 14.90)                     |
| Region 4                                                 | 9.37                | (7.24 - 12.05)                        | 12.91             | (10.77 - 15.39)                     | 12.42             | (10.48 - 14.66)                     |
| Region 5                                                 | 9.19                | (7.02 - 11.96)                        | 12.50             | (10.19 - 15.24)                     | 12.01             | (9.91 - 14.49)                      |
| Region 6                                                 | 8.33                | (6.79 - 10.18)                        | 11.05             | (9.63 - 12.64)                      | 10.64             | (9.36 - 12.06)                      |
| Region 6a                                                | 8.22                | (6.59 - 10.21)                        | 10.88             | (9.36 - 12.62)                      | 10.48             | (9.11 - 12.02)                      |
| Region 6bc                                               | 9.38                | (7.10 - 12.29)                        | 12.43             | (10.11 - 15.20)                     | 12.01             | (9.87 - 14.54)                      |
| Region 7                                                 | 10.11               | (8.32 - 12.24)                        | 13.47             | (11.77 - 15.37)                     | 12.89             | (11.38 - 14.57)                     |
| Region 7a                                                | 10.44               | (8.15 - 13.28)                        | 13.64             | (11.51 - 16.09)                     | 13.15             | (11.23 - 15.34)                     |
| Region 7bcd                                              | 9.68                | (7.50 - 12.42)                        | 13.15             | (11.00 - 15.66)                     | 12.44             | (10.54 - 14.63)                     |
| Region 8                                                 | 8.21                | (6.45 - 10.41)                        | 11.40             | (9.65 - 13.42)                      | 10.91             | (9.36 - 12.68)                      |
| Region 9                                                 | 8.51                | (6.44 - 11.16)                        | 12.74             | (10.36 - 15.58)                     | 12.07             | (9.94 - 14.58)                      |
| Region 10                                                | 6.31                | (4.75 - 8.32)                         | 8.83              | (7.16 - 10.84)                      | 8.38              | (6.90 - 10.15)                      |
| Region 11                                                | 5.96                | (4.70 - 7.52)                         | 8.57              | (7.25 - 10.11)                      | 8.12              | (6.94 - 9.48)                       |
| Region 11abd                                             | 6.16                | (4.62 - 8.17)                         | 8.96              | (7.30 - 10.95)                      | 8.49              | (7.02 - 10.24)                      |
| Region 11c (Hidalgo)                                     | 5.64                | (4.17 - 7.59)                         | 7.89              | (6.31 - 9.82)                       | 7.48              | (6.08 - 9.17)                       |
| <b>Utah</b>                                              | 15.77               | (13.64 - 18.17)                       | 16.53             | (14.89 - 18.30)                     | 16.38             | (14.90 - 17.98)                     |
| Bear River, Northeastern,<br>Summit, Tooele, and Wasatch | 15.63               | (12.02 - 20.09)                       | 15.81             | (12.95 - 19.15)                     | 15.77             | (13.14 - 18.82)                     |
| Central, Four Corners, San Juan,<br>and Southwest        | 14.00               | (11.21 - 17.34)                       | 15.58             | (13.20 - 18.30)                     | 15.30             | (13.12 - 17.76)                     |
| Central, Four Corners, and<br>San Juan                   | *                   | (* - *)                               | 15.23             | (12.36 - 18.61)                     | 15.00             | (12.36 - 18.08)                     |
| Southwest                                                | 14.04               | (10.69 - 18.22)                       | 15.81             | (12.87 - 19.26)                     | 15.49             | (12.81 - 18.60)                     |
| Davis County                                             | 16.00               | (12.38 - 20.43)                       | 15.52             | (12.77 - 18.73)                     | 15.60             | (13.05 - 18.54)                     |
| Salt Lake County                                         | 16.91               | (13.69 - 20.71)                       | 18.02             | (15.67 - 20.64)                     | 17.84             | (15.69 - 20.21)                     |
| Utah County                                              | 15.29               | (12.03 - 19.24)                       | 15.05             | (12.56 - 17.94)                     | 15.10             | (12.83 - 17.69)                     |
| Weber, Morgan                                            | 14.97               | (11.58 - 19.15)                       | 16.15             | (13.32 - 19.45)                     | 15.96             | (13.36 - 18.95)                     |

See notes at end of table.

(continued)



**Table 12** *Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                 | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 19.75               | (17.07 - 22.74)                       | 20.09             | (18.08 - 22.27)                     | 20.04             | (18.20 - 22.02)                     |
| Champlain Valley                      | 21.82               | (17.98 - 26.20)                       | 21.63             | (18.66 - 24.93)                     | 21.66             | (18.99 - 24.60)                     |
| Rural Northeast                       | 17.68               | (13.89 - 22.24)                       | 20.48             | (17.15 - 24.27)                     | 20.10             | (17.04 - 23.55)                     |
| Rural Southeast                       | 18.56               | (14.58 - 23.34)                       | 18.07             | (15.14 - 21.43)                     | 18.13             | (15.38 - 21.26)                     |
| Rural Southwest                       | 17.54               | (13.63 - 22.29)                       | 18.46             | (15.40 - 21.96)                     | 18.33             | (15.49 - 21.55)                     |
| <b>Virginia</b>                       | 13.57               | (11.85 - 15.49)                       | 16.52             | (15.05 - 18.10)                     | 16.10             | (14.77 - 17.52)                     |
| Region 1                              | 15.27               | (12.03 - 19.18)                       | 16.01             | (13.49 - 18.90)                     | 15.89             | (13.58 - 18.52)                     |
| Region 2                              | 13.16               | (10.67 - 16.14)                       | 15.44             | (13.18 - 17.99)                     | 15.17             | (13.10 - 17.50)                     |
| Region 3                              | 14.97               | (11.96 - 18.58)                       | 20.68             | (17.67 - 24.05)                     | 19.84             | (17.15 - 22.84)                     |
| Region 4                              | 13.69               | (10.88 - 17.10)                       | 16.97             | (14.30 - 20.01)                     | 16.50             | (14.07 - 19.25)                     |
| Region 5                              | 11.66               | (9.26 - 14.59)                        | 14.75             | (12.53 - 17.29)                     | 14.26             | (12.26 - 16.53)                     |
| <b>Washington</b>                     | 14.34               | (12.29 - 16.68)                       | 17.27             | (15.43 - 19.28)                     | 16.87             | (15.19 - 18.69)                     |
| Region 1                              | 14.32               | (11.67 - 17.46)                       | 16.92             | (14.47 - 19.68)                     | 16.50             | (14.28 - 18.99)                     |
| Greater Columbia and North<br>Central | 13.49               | (10.50 - 17.16)                       | 15.81             | (13.03 - 19.04)                     | 15.41             | (12.91 - 18.28)                     |
| Spokane                               | 15.78               | (12.09 - 20.33)                       | 18.48             | (15.14 - 22.37)                     | 18.10             | (15.00 - 21.67)                     |
| Region 2                              | 14.28               | (11.80 - 17.18)                       | 17.19             | (15.01 - 19.62)                     | 16.82             | (14.82 - 19.03)                     |
| King                                  | 14.15               | (11.22 - 17.68)                       | 16.58             | (14.09 - 19.42)                     | 16.28             | (13.98 - 18.88)                     |
| North Sound                           | 14.49               | (11.20 - 18.55)                       | 18.29             | (15.24 - 21.80)                     | 17.77             | (14.98 - 20.96)                     |
| Region 3                              | 14.45               | (12.02 - 17.27)                       | 17.61             | (15.35 - 20.12)                     | 17.18             | (15.10 - 19.48)                     |
| Pierce                                | 14.00               | (10.90 - 17.82)                       | 17.89             | (14.85 - 21.40)                     | 17.33             | (14.55 - 20.50)                     |
| Salish                                | *                   | (* - *)                               | 17.52             | (14.13 - 21.51)                     | 17.17             | (14.03 - 20.84)                     |
| SW WA and Great Rivers                | 14.79               | (11.42 - 18.94)                       | 17.34             | (14.20 - 21.02)                     | 17.02             | (14.11 - 20.38)                     |
| Thurston-Mason                        | *                   | (* - *)                               | *                 | (* - *)                             | 17.19             | (14.08 - 20.83)                     |

See notes at end of table.

(continued)

**Table 12 Received Mental Health Services in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 14.42               | (12.38 - 16.74)                       | 18.01             | (16.18 - 19.99)                     | 17.55             | (15.87 - 19.36)                     |
| Region I                      | *                   | (* - *)                               | 18.27             | (14.84 - 22.29)                     | 17.94             | (14.76 - 21.63)                     |
| Region II                     | 13.43               | (10.32 - 17.29)                       | 16.79             | (13.91 - 20.13)                     | 16.36             | (13.71 - 19.41)                     |
| Region III                    | 16.55               | (12.79 - 21.15)                       | 18.23             | (14.89 - 22.13)                     | 18.05             | (14.90 - 21.69)                     |
| Region IV                     | 13.80               | (10.86 - 17.38)                       | 18.26             | (15.36 - 21.58)                     | 17.51             | (14.92 - 20.45)                     |
| Region V                      | 14.84               | (11.87 - 18.40)                       | 17.95             | (15.16 - 21.13)                     | 17.59             | (15.01 - 20.50)                     |
| Region VI                     | 14.17               | (11.09 - 17.93)                       | 18.50             | (15.66 - 21.73)                     | 18.02             | (15.37 - 21.00)                     |
| <b>Wisconsin</b>              | 16.07               | (13.94 - 18.45)                       | 16.79             | (15.05 - 18.70)                     | 16.69             | (15.10 - 18.42)                     |
| Milwaukee                     | 12.59               | (9.78 - 16.07)                        | 14.93             | (12.36 - 17.93)                     | 14.54             | (12.23 - 17.20)                     |
| Northeastern                  | 16.75               | (13.34 - 20.81)                       | 16.74             | (13.99 - 19.90)                     | 16.74             | (14.19 - 19.64)                     |
| Northern                      | 15.71               | (12.14 - 20.10)                       | 16.53             | (13.45 - 20.15)                     | 16.43             | (13.57 - 19.75)                     |
| Southeastern                  | 15.46               | (12.14 - 19.48)                       | 17.06             | (14.30 - 20.24)                     | 16.85             | (14.31 - 19.73)                     |
| Southern                      | 18.03               | (14.64 - 22.01)                       | 17.92             | (15.05 - 21.20)                     | 17.94             | (15.32 - 20.89)                     |
| Western                       | 17.94               | (14.18 - 22.43)                       | 17.16             | (14.08 - 20.74)                     | 17.28             | (14.45 - 20.52)                     |
| <b>Wyoming</b>                | 13.54               | (11.59 - 15.77)                       | 14.60             | (12.95 - 16.41)                     | 14.45             | (12.93 - 16.11)                     |
| Judicial District 1 (Laramie) | 13.81               | (10.56 - 17.87)                       | 16.03             | (13.24 - 19.28)                     | 15.74             | (13.14 - 18.73)                     |
| Judicial District 2           | 14.02               | (11.00 - 17.70)                       | 14.88             | (12.16 - 18.09)                     | 14.64             | (12.24 - 17.41)                     |
| Judicial District 3           | 13.67               | (10.69 - 17.31)                       | 14.26             | (11.67 - 17.31)                     | 14.18             | (11.79 - 16.96)                     |
| Judicial District 4           | *                   | (* - *)                               | 15.51             | (12.42 - 19.20)                     | 15.36             | (12.46 - 18.78)                     |
| Judicial District 5           | 13.09               | (9.97 - 17.00)                        | 14.09             | (11.45 - 17.22)                     | 13.97             | (11.50 - 16.87)                     |
| Judicial District 6           | 13.43               | (10.35 - 17.24)                       | 13.77             | (11.22 - 16.78)                     | 13.72             | (11.34 - 16.51)                     |
| Judicial District 7 (Natrona) | 13.39               | (10.34 - 17.18)                       | 14.27             | (11.65 - 17.36)                     | 14.16             | (11.73 - 16.99)                     |
| Judicial District 8           | 13.63               | (10.38 - 17.70)                       | 14.54             | (11.69 - 17.94)                     | 14.43             | (11.77 - 17.57)                     |
| Judicial District 9           | 12.45               | (9.45 - 16.22)                        | 13.87             | (11.29 - 16.94)                     | 13.70             | (11.27 - 16.56)                     |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: Mental Health Services are defined as having received inpatient treatment/counseling or outpatient treatment/counseling or having used prescription medication for problems with emotions, nerves, or mental health. Respondents were not to include treatment for drug or alcohol use.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs*

| State/Substate Region      | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 8.20                | (7.91 - 8.49)                         | 3.31              | (3.17 - 3.46)                       | 4.01              | (3.88 - 4.14)                       |
| <b>Northeast</b>           | 8.48                | (7.91 - 9.10)                         | 3.24              | (2.95 - 3.57)                       | 3.98              | (3.69 - 4.28)                       |
| <b>Midwest</b>             | 8.40                | (7.92 - 8.90)                         | 3.40              | (3.14 - 3.67)                       | 4.12              | (3.88 - 4.37)                       |
| <b>South</b>               | 7.72                | (7.32 - 8.15)                         | 3.15              | (2.92 - 3.40)                       | 3.80              | (3.58 - 4.03)                       |
| <b>West</b>                | 8.54                | (7.96 - 9.15)                         | 3.56              | (3.25 - 3.89)                       | 4.29              | (3.99 - 4.60)                       |
| <b>Alabama</b>             | 7.48                | (6.15 - 9.08)                         | 3.04              | (2.37 - 3.89)                       | 3.67              | (3.02 - 4.45)                       |
| Region 1                   | 7.92                | (5.90 - 10.55)                        | 3.36              | (2.41 - 4.68)                       | 3.95              | (3.03 - 5.14)                       |
| Region 2                   | 7.41                | (5.52 - 9.87)                         | 2.92              | (2.08 - 4.09)                       | 3.57              | (2.74 - 4.64)                       |
| Region 3                   | 6.79                | (4.97 - 9.22)                         | 2.99              | (2.10 - 4.23)                       | 3.63              | (2.76 - 4.77)                       |
| Region 4                   | 7.79                | (5.81 - 10.37)                        | 2.82              | (1.99 - 3.98)                       | 3.48              | (2.66 - 4.54)                       |
| <b>Alaska</b>              | 11.19               | (9.33 - 13.37)                        | 3.81              | (3.01 - 4.81)                       | 4.97              | (4.18 - 5.89)                       |
| Anchorage                  | 10.96               | (8.60 - 13.86)                        | 3.94              | (2.94 - 5.26)                       | 5.06              | (4.08 - 6.26)                       |
| Northern                   | 11.58               | (8.64 - 15.36)                        | 3.90              | (2.78 - 5.44)                       | 5.30              | (4.13 - 6.78)                       |
| South Central              | 11.13               | (8.37 - 14.66)                        | 3.46              | (2.50 - 4.77)                       | 4.55              | (3.57 - 5.78)                       |
| Southeast                  | 11.31               | (8.31 - 15.22)                        | 4.01              | (2.82 - 5.66)                       | 4.94              | (3.75 - 6.47)                       |
| <b>Arizona</b>             | 8.49                | (6.97 - 10.32)                        | 3.40              | (2.68 - 4.31)                       | 4.14              | (3.44 - 4.97)                       |
| Central                    | 8.77                | (6.87 - 11.12)                        | 3.30              | (2.50 - 4.35)                       | 4.10              | (3.32 - 5.07)                       |
| North                      | 8.36                | (6.05 - 11.44)                        | 3.33              | (2.27 - 4.86)                       | 4.02              | (2.97 - 5.42)                       |
| South                      | 7.98                | (6.10 - 10.36)                        | 3.63              | (2.69 - 4.88)                       | 4.27              | (3.37 - 5.40)                       |
| South A                    | 8.15                | (5.91 - 11.14)                        | 3.87              | (2.72 - 5.49)                       | 4.49              | (3.39 - 5.93)                       |
| South B                    | 7.77                | (5.53 - 10.81)                        | 3.34              | (2.36 - 4.71)                       | 4.00              | (3.02 - 5.27)                       |
| <b>Arkansas</b>            | 7.99                | (6.60 - 9.65)                         | 3.68              | (2.90 - 4.66)                       | 4.30              | (3.55 - 5.20)                       |
| Catchment Area 1           | 7.70                | (5.55 - 10.58)                        | 3.69              | (2.60 - 5.22)                       | 4.33              | (3.26 - 5.74)                       |
| Catchment Area 2           | 9.00                | (6.51 - 12.32)                        | 3.67              | (2.58 - 5.20)                       | 4.33              | (3.25 - 5.75)                       |
| Catchment Area 3           | 7.92                | (5.77 - 10.78)                        | 3.60              | (2.58 - 5.00)                       | 4.23              | (3.23 - 5.53)                       |
| Catchment Area 4           | 8.11                | (5.86 - 11.13)                        | 3.84              | (2.69 - 5.47)                       | 4.43              | (3.30 - 5.90)                       |
| Catchment Area 5           | 8.37                | (6.16 - 11.28)                        | 3.94              | (2.78 - 5.55)                       | 4.65              | (3.54 - 6.09)                       |
| Catchment Area 6           | 7.13                | (5.03 - 10.02)                        | 3.24              | (2.27 - 4.61)                       | 3.80              | (2.85 - 5.06)                       |
| Catchment Area 7           | *                   | (* - *)                               | 3.43              | (2.36 - 4.97)                       | 4.01              | (2.95 - 5.43)                       |
| Catchment Area 8           | 7.79                | (5.57 - 10.79)                        | 3.73              | (2.63 - 5.27)                       | 4.26              | (3.20 - 5.65)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 8.01                | (7.14 - 8.98)                         | 3.25              | (2.84 - 3.72)                       | 3.96              | (3.57 - 4.40)                       |
| Region 1R                   | 9.21                | (6.86 - 12.25)                        | 3.83              | (2.84 - 5.14)                       | 4.59              | (3.62 - 5.81)                       |
| Region 2R                   | 8.97                | (6.71 - 11.91)                        | 3.52              | (2.60 - 4.75)                       | 4.34              | (3.42 - 5.49)                       |
| Region 3R (Sacramento)      | 8.32                | (6.23 - 11.04)                        | 3.25              | (2.42 - 4.35)                       | 3.99              | (3.17 - 5.01)                       |
| Region 4R                   | 8.08                | (5.97 - 10.85)                        | 3.51              | (2.62 - 4.71)                       | 4.10              | (3.22 - 5.21)                       |
| Region 5R (San Francisco)   | 7.90                | (5.73 - 10.79)                        | 4.23              | (3.14 - 5.68)                       | 4.59              | (3.53 - 5.95)                       |
| Region 6 (Santa Clara)      | 8.64                | (6.52 - 11.38)                        | 2.95              | (2.19 - 3.98)                       | 3.69              | (2.92 - 4.64)                       |
| Region 7R (Contra Costa)    | 9.76                | (7.25 - 13.02)                        | 3.03              | (2.23 - 4.09)                       | 3.91              | (3.10 - 4.93)                       |
| Region 8R (Alameda)         | 8.47                | (6.33 - 11.25)                        | 3.41              | (2.53 - 4.58)                       | 4.08              | (3.20 - 5.19)                       |
| Region 9R (San Mateo)       | 7.96                | (5.84 - 10.76)                        | 3.02              | (2.20 - 4.15)                       | 3.57              | (2.76 - 4.62)                       |
| Region 10                   | 8.91                | (6.65 - 11.82)                        | 3.77              | (2.76 - 5.12)                       | 4.61              | (3.63 - 5.85)                       |
| Region 11 (Los Angeles)     | 7.79                | (6.72 - 9.01)                         | 3.13              | (2.65 - 3.70)                       | 3.83              | (3.37 - 4.36)                       |
| LA SPA 1 and 5              | 8.76                | (6.48 - 11.75)                        | 3.40              | (2.53 - 4.54)                       | 4.20              | (3.32 - 5.30)                       |
| LA SPA 2                    | 8.25                | (6.23 - 10.84)                        | 3.22              | (2.43 - 4.26)                       | 3.92              | (3.13 - 4.89)                       |
| LA SPA 3                    | 7.48                | (5.59 - 9.95)                         | 2.61              | (1.90 - 3.57)                       | 3.32              | (2.61 - 4.23)                       |
| LA SPA 4                    | 7.97                | (5.91 - 10.68)                        | 4.08              | (2.99 - 5.55)                       | 4.60              | (3.58 - 5.90)                       |
| LA SPA 6                    | 7.79                | (5.81 - 10.38)                        | 2.89              | (2.12 - 3.94)                       | 3.87              | (3.06 - 4.88)                       |
| LA SPA 7                    | 7.16                | (5.30 - 9.59)                         | 2.72              | (2.00 - 3.69)                       | 3.46              | (2.74 - 4.36)                       |
| LA SPA 8                    | 7.27                | (5.40 - 9.72)                         | 3.14              | (2.35 - 4.18)                       | 3.73              | (2.95 - 4.70)                       |
| Region 12R                  | 8.96                | (6.71 - 11.87)                        | 3.54              | (2.59 - 4.84)                       | 4.38              | (3.44 - 5.57)                       |
| Regions 13 and 19R          | 7.77                | (5.96 - 10.08)                        | 3.03              | (2.29 - 3.99)                       | 3.82              | (3.09 - 4.71)                       |
| Region 14 (Orange)          | 7.98                | (6.05 - 10.45)                        | 3.07              | (2.33 - 4.04)                       | 3.78              | (3.04 - 4.70)                       |
| Region 15R (Fresno)         | 8.42                | (6.30 - 11.17)                        | 3.47              | (2.53 - 4.74)                       | 4.35              | (3.40 - 5.55)                       |
| Region 16R (San Diego)      | 7.23                | (5.41 - 9.59)                         | 3.27              | (2.49 - 4.27)                       | 3.88              | (3.12 - 4.81)                       |
| Region 17R                  | 7.92                | (6.04 - 10.33)                        | 3.32              | (2.53 - 4.34)                       | 4.12              | (3.34 - 5.09)                       |
| Region 18R (San Bernardino) | 6.89                | (5.15 - 9.15)                         | 2.82              | (2.09 - 3.80)                       | 3.53              | (2.80 - 4.43)                       |
| Region 20R                  | 7.49                | (5.48 - 10.16)                        | 3.57              | (2.60 - 4.89)                       | 4.23              | (3.28 - 5.45)                       |
| Region 21R                  | 8.51                | (6.30 - 11.40)                        | 3.30              | (2.43 - 4.48)                       | 4.17              | (3.30 - 5.25)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                     | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 8.95                | (7.46 - 10.71)                        | 4.15              | (3.29 - 5.22)                       | 4.84              | (4.02 - 5.81)                       |
| Region 1                                  | 8.48                | (6.22 - 11.47)                        | 4.30              | (3.05 - 6.04)                       | 4.91              | (3.71 - 6.45)                       |
| Region 2                                  | 8.48                | (6.08 - 11.71)                        | 4.45              | (3.09 - 6.37)                       | 5.07              | (3.76 - 6.80)                       |
| Region 3                                  | 9.83                | (7.42 - 12.92)                        | 3.85              | (2.78 - 5.30)                       | 4.68              | (3.62 - 6.02)                       |
| Region 4                                  | 8.85                | (6.40 - 12.10)                        | 3.92              | (2.70 - 5.67)                       | 4.60              | (3.41 - 6.17)                       |
| Region 5                                  | 8.37                | (6.13 - 11.33)                        | 4.43              | (3.18 - 6.14)                       | 4.96              | (3.77 - 6.50)                       |
| Region 6                                  | 9.34                | (6.85 - 12.63)                        | 4.14              | (2.97 - 5.73)                       | 4.87              | (3.72 - 6.36)                       |
| Region 7                                  | 8.37                | (6.03 - 11.51)                        | 4.22              | (2.99 - 5.94)                       | 4.89              | (3.71 - 6.42)                       |
| <b>Connecticut</b>                        | 8.16                | (6.69 - 9.91)                         | 2.89              | (2.23 - 3.73)                       | 3.62              | (2.98 - 4.40)                       |
| Eastern                                   | 9.98                | (7.25 - 13.58)                        | 3.25              | (2.27 - 4.61)                       | 4.42              | (3.40 - 5.74)                       |
| North Central                             | 7.49                | (5.51 - 10.09)                        | 2.71              | (1.94 - 3.77)                       | 3.35              | (2.58 - 4.34)                       |
| Northwestern                              | 8.37                | (6.08 - 11.43)                        | 2.97              | (2.05 - 4.28)                       | 3.65              | (2.73 - 4.86)                       |
| South Central                             | 8.11                | (5.96 - 10.94)                        | 2.91              | (2.03 - 4.17)                       | 3.65              | (2.76 - 4.81)                       |
| Southwest                                 | 7.49                | (5.44 - 10.23)                        | 2.83              | (1.95 - 4.08)                       | 3.45              | (2.58 - 4.60)                       |
| <b>Delaware</b>                           | 8.79                | (7.26 - 10.60)                        | 3.41              | (2.68 - 4.33)                       | 4.14              | (3.43 - 4.98)                       |
| Kent                                      | 8.16                | (6.01 - 11.00)                        | 3.55              | (2.48 - 5.05)                       | 4.25              | (3.20 - 5.62)                       |
| New Castle (excluding<br>Wilmington City) | 9.24                | (7.26 - 11.69)                        | 3.40              | (2.50 - 4.61)                       | 4.24              | (3.37 - 5.34)                       |
| Sussex                                    | 8.72                | (6.40 - 11.78)                        | 3.34              | (2.39 - 4.66)                       | 3.88              | (2.95 - 5.10)                       |
| Wilmington City                           | 7.39                | (5.17 - 10.47)                        | 3.40              | (2.37 - 4.87)                       | 3.95              | (2.94 - 5.27)                       |
| <b>District of Columbia</b>               | 7.40                | (6.05 - 9.02)                         | 3.56              | (2.83 - 4.47)                       | 4.22              | (3.53 - 5.04)                       |
| Ward 1                                    | 7.19                | (5.17 - 9.93)                         | 3.87              | (2.76 - 5.40)                       | 4.47              | (3.40 - 5.85)                       |
| Ward 2                                    | 8.35                | (6.06 - 11.39)                        | 4.56              | (3.28 - 6.32)                       | 5.55              | (4.32 - 7.10)                       |
| Ward 3                                    | 8.72                | (6.26 - 12.02)                        | 3.98              | (2.85 - 5.55)                       | 4.77              | (3.64 - 6.22)                       |
| Ward 4                                    | 7.02                | (4.92 - 9.93)                         | 3.16              | (2.24 - 4.44)                       | 3.59              | (2.69 - 4.77)                       |
| Ward 5                                    | 7.76                | (5.50 - 10.83)                        | 2.96              | (2.08 - 4.20)                       | 3.76              | (2.87 - 4.92)                       |
| Ward 6                                    | 6.88                | (4.94 - 9.51)                         | 4.01              | (2.91 - 5.50)                       | 4.36              | (3.32 - 5.70)                       |
| Ward 7                                    | 5.94                | (4.25 - 8.24)                         | 2.73              | (1.92 - 3.87)                       | 3.26              | (2.47 - 4.29)                       |
| Ward 8                                    | 6.28                | (4.43 - 8.83)                         | 3.04              | (2.13 - 4.33)                       | 3.67              | (2.78 - 4.85)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                                   | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 7.73                | (6.83 - 8.73)                         | 2.68              | (2.25 - 3.20)                       | 3.31              | (2.90 - 3.77)                       |
| Broward (Circuit 17)                                                    | 7.51                | (5.73 - 9.80)                         | 2.45              | (1.77 - 3.37)                       | 3.05              | (2.38 - 3.91)                       |
| Central I                                                               | 7.36                | (5.93 - 9.10)                         | 2.64              | (2.05 - 3.40)                       | 3.32              | (2.74 - 4.01)                       |
| Circuit 9                                                               | 7.07                | (5.40 - 9.21)                         | 2.57              | (1.88 - 3.51)                       | 3.28              | (2.60 - 4.14)                       |
| Circuit 18                                                              | 7.91                | (5.85 - 10.63)                        | 2.74              | (1.97 - 3.81)                       | 3.36              | (2.59 - 4.36)                       |
| Central II                                                              | 7.97                | (6.73 - 9.42)                         | 2.78              | (2.26 - 3.41)                       | 3.36              | (2.86 - 3.94)                       |
| Circuit 6                                                               | 8.00                | (5.96 - 10.66)                        | 2.84              | (2.07 - 3.88)                       | 3.35              | (2.60 - 4.31)                       |
| Circuit 10                                                              | 7.30                | (5.41 - 9.79)                         | 3.04              | (2.18 - 4.23)                       | 3.57              | (2.73 - 4.66)                       |
| Circuit 12                                                              | 8.46                | (6.19 - 11.47)                        | 2.79              | (1.95 - 3.98)                       | 3.32              | (2.49 - 4.41)                       |
| Circuit 13 (Hillsborough)                                               | 7.98                | (6.07 - 10.43)                        | 2.63              | (1.94 - 3.56)                       | 3.37              | (2.68 - 4.24)                       |
| Circuit 20                                                              | 8.13                | (5.91 - 11.09)                        | 2.70              | (1.92 - 3.77)                       | 3.24              | (2.46 - 4.24)                       |
| Northeast                                                               | 8.01                | (6.71 - 9.54)                         | 2.84              | (2.27 - 3.56)                       | 3.50              | (2.94 - 4.16)                       |
| Circuit 4                                                               | 7.88                | (5.90 - 10.46)                        | 2.87              | (2.07 - 3.99)                       | 3.56              | (2.76 - 4.58)                       |
| Circuit 5                                                               | 8.44                | (6.29 - 11.24)                        | 2.65              | (1.87 - 3.72)                       | 3.18              | (2.41 - 4.19)                       |
| Circuit 7                                                               | 7.89                | (5.87 - 10.52)                        | 2.87              | (2.05 - 3.99)                       | 3.44              | (2.63 - 4.48)                       |
| Circuit 8 plus Columbia, Dixie,<br>Hamilton, Lafayette, and<br>Suwannee | 7.90                | (5.75 - 10.77)                        | 3.20              | (2.31 - 4.41)                       | 4.12              | (3.21 - 5.27)                       |
| Northwest                                                               | 8.55                | (7.02 - 10.38)                        | 3.11              | (2.44 - 3.94)                       | 3.98              | (3.33 - 4.75)                       |
| Circuit 1                                                               | 8.19                | (6.19 - 10.78)                        | 3.17              | (2.28 - 4.39)                       | 3.88              | (3.02 - 4.98)                       |
| Circuit 2 plus Madison and<br>Taylor                                    | 9.03                | (6.77 - 11.94)                        | 3.07              | (2.21 - 4.26)                       | 4.34              | (3.42 - 5.48)                       |
| Circuit 14                                                              | 8.32                | (6.11 - 11.25)                        | 3.01              | (2.14 - 4.23)                       | 3.68              | (2.79 - 4.82)                       |
| South (Circuits 11 and 16)                                              | 7.05                | (5.41 - 9.14)                         | 2.25              | (1.66 - 3.06)                       | 2.87              | (2.27 - 3.61)                       |
| Southeast                                                               | 7.43                | (5.90 - 9.32)                         | 2.65              | (2.01 - 3.47)                       | 3.17              | (2.55 - 3.93)                       |
| Circuit 15 (Palm Beach)                                                 | 7.57                | (5.68 - 10.01)                        | 2.58              | (1.85 - 3.58)                       | 3.13              | (2.40 - 4.06)                       |
| Circuit 19                                                              | 7.12                | (5.20 - 9.67)                         | 2.80              | (1.99 - 3.92)                       | 3.26              | (2.47 - 4.29)                       |
| <b>Georgia</b>                                                          | 7.34                | (6.23 - 8.63)                         | 3.52              | (2.85 - 4.34)                       | 4.09              | (3.45 - 4.83)                       |
| Region 1                                                                | 7.32                | (5.50 - 9.69)                         | 3.66              | (2.74 - 4.87)                       | 4.14              | (3.26 - 5.24)                       |
| Region 2                                                                | 7.26                | (5.34 - 9.80)                         | 3.99              | (2.89 - 5.49)                       | 4.53              | (3.49 - 5.87)                       |
| Region 3                                                                | 7.84                | (6.12 - 10.00)                        | 3.09              | (2.25 - 4.23)                       | 3.77              | (2.96 - 4.80)                       |
| Region 4                                                                | 7.71                | (5.55 - 10.63)                        | 3.66              | (2.65 - 5.03)                       | 4.33              | (3.35 - 5.59)                       |
| Region 5                                                                | 6.73                | (4.91 - 9.15)                         | 3.96              | (2.85 - 5.48)                       | 4.41              | (3.37 - 5.76)                       |
| Region 6                                                                | 6.83                | (4.95 - 9.36)                         | 3.35              | (2.42 - 4.63)                       | 3.87              | (2.97 - 5.04)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region           | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 8.06                | (6.52 - 9.92)                         | 3.26              | (2.52 - 4.21)                       | 3.88              | (3.17 - 4.74)                       |
| Hawaii Island                   | 7.41                | (5.30 - 10.27)                        | 3.04              | (2.14 - 4.29)                       | 3.57              | (2.69 - 4.74)                       |
| Honolulu                        | 8.20                | (6.42 - 10.43)                        | 3.24              | (2.41 - 4.33)                       | 3.90              | (3.11 - 4.89)                       |
| Kauai                           | 8.07                | (5.66 - 11.39)                        | 3.12              | (2.13 - 4.55)                       | 3.67              | (2.69 - 5.00)                       |
| Maui                            | 7.82                | (5.58 - 10.87)                        | 3.73              | (2.61 - 5.31)                       | 4.21              | (3.12 - 5.65)                       |
| <b>Idaho</b>                    | 8.56                | (7.15 - 10.23)                        | 4.14              | (3.35 - 5.10)                       | 4.78              | (4.04 - 5.65)                       |
| Region 1                        | 9.11                | (6.63 - 12.40)                        | 3.96              | (2.83 - 5.51)                       | 4.57              | (3.47 - 5.99)                       |
| Region 2                        | 8.41                | (6.01 - 11.66)                        | 3.68              | (2.57 - 5.25)                       | 4.51              | (3.41 - 5.94)                       |
| Region 3                        | 8.05                | (5.86 - 10.95)                        | 4.74              | (3.41 - 6.54)                       | 5.21              | (3.99 - 6.79)                       |
| Region 4                        | 8.75                | (6.62 - 11.47)                        | 4.25              | (3.15 - 5.69)                       | 4.83              | (3.80 - 6.13)                       |
| Region 5                        | 7.82                | (5.69 - 10.65)                        | 3.78              | (2.72 - 5.23)                       | 4.34              | (3.31 - 5.66)                       |
| Region 6                        | *                   | (* - *)                               | 4.18              | (3.00 - 5.79)                       | 4.87              | (3.73 - 6.33)                       |
| Region 7                        | 8.80                | (6.44 - 11.92)                        | 3.95              | (2.86 - 5.42)                       | 4.85              | (3.79 - 6.19)                       |
| <b>Illinois</b>                 | 7.83                | (6.81 - 8.98)                         | 3.28              | (2.76 - 3.89)                       | 3.92              | (3.43 - 4.49)                       |
| Region 1 (Cook)                 | 7.67                | (6.43 - 9.12)                         | 3.23              | (2.62 - 3.97)                       | 3.84              | (3.26 - 4.51)                       |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | 4.09              | (2.96 - 5.63)                       | 4.57              | (3.48 - 5.98)                       |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | 3.64              | (2.58 - 5.11)                       | 4.12              | (3.09 - 5.46)                       |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | 4.52              | (3.30 - 6.16)                       | 5.00              | (3.84 - 6.49)                       |
| Region 1.4 (West Side)          | 7.17                | (5.31 - 9.61)                         | 3.58              | (2.60 - 4.92)                       | 4.17              | (3.23 - 5.37)                       |
| Region 1.5 (South Side)         | 7.25                | (5.20 - 10.03)                        | 3.08              | (2.16 - 4.38)                       | 3.71              | (2.81 - 4.89)                       |
| Region 1.6 (Southwest Side)     | 6.54                | (4.72 - 8.99)                         | 3.03              | (2.15 - 4.26)                       | 3.61              | (2.75 - 4.73)                       |
| Region 1.7 (Suburban Cook)      | 8.02                | (6.16 - 10.39)                        | 2.75              | (2.03 - 3.73)                       | 3.43              | (2.72 - 4.32)                       |
| Region 2                        | 7.37                | (6.06 - 8.95)                         | 3.07              | (2.48 - 3.79)                       | 3.68              | (3.11 - 4.34)                       |
| Region 2a (DuPage)              | 8.02                | (5.90 - 10.81)                        | 2.86              | (2.10 - 3.89)                       | 3.55              | (2.77 - 4.54)                       |
| Region 2b                       | 6.77                | (5.09 - 8.95)                         | 2.89              | (2.17 - 3.83)                       | 3.45              | (2.75 - 4.32)                       |
| Region 2c (Winnebago)           | *                   | (* - *)                               | 4.35              | (3.04 - 6.20)                       | 4.88              | (3.62 - 6.53)                       |
| Region 2d                       | 8.09                | (5.98 - 10.85)                        | 3.38              | (2.49 - 4.56)                       | 4.09              | (3.22 - 5.17)                       |
| Region 3                        | 8.53                | (6.79 - 10.67)                        | 3.77              | (2.89 - 4.91)                       | 4.55              | (3.72 - 5.57)                       |
| Region 3a (Champaign)           | 8.10                | (5.88 - 11.07)                        | 3.83              | (2.77 - 5.27)                       | 5.03              | (3.95 - 6.39)                       |
| Region 3b                       | 8.67                | (6.58 - 11.35)                        | 3.76              | (2.81 - 5.01)                       | 4.47              | (3.56 - 5.61)                       |
| Region 4                        | 8.56                | (6.59 - 11.05)                        | 3.61              | (2.76 - 4.72)                       | 4.28              | (3.45 - 5.31)                       |
| Region 4a (Sangamon)            | *                   | (* - *)                               | 3.83              | (2.71 - 5.39)                       | 4.39              | (3.31 - 5.82)                       |
| Region 4b                       | 8.62                | (6.35 - 11.59)                        | 3.55              | (2.61 - 4.81)                       | 4.25              | (3.32 - 5.42)                       |
| Region 5                        | 8.52                | (6.74 - 10.72)                        | 3.37              | (2.61 - 4.35)                       | 4.07              | (3.32 - 4.99)                       |
| Region 5a                       | 7.86                | (5.68 - 10.78)                        | 3.40              | (2.44 - 4.72)                       | 4.01              | (3.06 - 5.23)                       |
| Region 5b                       | 9.04                | (6.75 - 12.02)                        | 3.35              | (2.44 - 4.59)                       | 4.13              | (3.22 - 5.29)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 8.78                | (7.34 - 10.47)                        | 3.40              | (2.70 - 4.27)                       | 4.20              | (3.52 - 5.01)                       |
| Central                                     | 8.25                | (6.19 - 10.90)                        | 3.23              | (2.36 - 4.41)                       | 3.92              | (3.07 - 5.00)                       |
| East                                        | 8.52                | (6.16 - 11.68)                        | 3.45              | (2.40 - 4.94)                       | 4.26              | (3.22 - 5.63)                       |
| North Central                               | 9.15                | (6.64 - 12.49)                        | 3.51              | (2.47 - 4.97)                       | 4.33              | (3.28 - 5.68)                       |
| Northeast                                   | 8.57                | (6.27 - 11.63)                        | 3.50              | (2.45 - 4.98)                       | 4.23              | (3.20 - 5.58)                       |
| Northwest                                   | 8.50                | (6.18 - 11.58)                        | 3.04              | (2.14 - 4.28)                       | 3.81              | (2.90 - 4.98)                       |
| Southeast                                   | 10.02               | (7.31 - 13.59)                        | 3.48              | (2.43 - 4.95)                       | 4.30              | (3.23 - 5.70)                       |
| Southwest                                   | 8.91                | (6.50 - 12.09)                        | 3.61              | (2.52 - 5.13)                       | 4.34              | (3.27 - 5.74)                       |
| West                                        | 8.98                | (6.56 - 12.17)                        | 3.67              | (2.62 - 5.13)                       | 4.84              | (3.75 - 6.24)                       |
| <b>Iowa</b>                                 | 8.56                | (7.15 - 10.21)                        | 3.08              | (2.41 - 3.93)                       | 3.91              | (3.25 - 4.70)                       |
| Central                                     | 8.30                | (6.09 - 11.20)                        | 3.25              | (2.28 - 4.62)                       | 3.97              | (3.00 - 5.23)                       |
| North Central                               | 8.64                | (6.38 - 11.61)                        | 2.81              | (1.96 - 4.01)                       | 3.92              | (3.03 - 5.07)                       |
| Northeast                                   | 8.74                | (6.57 - 11.53)                        | 3.26              | (2.33 - 4.53)                       | 4.09              | (3.17 - 5.25)                       |
| Northwest                                   | 7.90                | (5.74 - 10.77)                        | 2.64              | (1.84 - 3.78)                       | 3.37              | (2.55 - 4.44)                       |
| Southeast                                   | 9.01                | (6.69 - 12.02)                        | 3.20              | (2.28 - 4.46)                       | 4.13              | (3.19 - 5.32)                       |
| Southwest                                   | 8.34                | (6.06 - 11.37)                        | 3.05              | (2.11 - 4.39)                       | 3.72              | (2.78 - 4.96)                       |
| <b>Kansas</b>                               | 8.31                | (6.80 - 10.11)                        | 3.58              | (2.88 - 4.45)                       | 4.31              | (3.63 - 5.10)                       |
| Northeast                                   | 8.51                | (6.52 - 11.03)                        | 3.57              | (2.73 - 4.65)                       | 4.37              | (3.54 - 5.37)                       |
| Northwest and North Central                 | *                   | (* - *)                               | 3.24              | (2.24 - 4.67)                       | 3.96              | (2.94 - 5.31)                       |
| South Central                               | 8.03                | (5.97 - 10.72)                        | 3.81              | (2.78 - 5.20)                       | 4.42              | (3.44 - 5.67)                       |
| Southeast                                   | *                   | (* - *)                               | 3.63              | (2.56 - 5.13)                       | 4.29              | (3.25 - 5.66)                       |
| Southwest                                   | 7.60                | (5.39 - 10.63)                        | 2.96              | (2.07 - 4.23)                       | 3.69              | (2.79 - 4.87)                       |
| <b>Kentucky</b>                             | 8.40                | (6.96 - 10.11)                        | 4.02              | (3.21 - 5.03)                       | 4.64              | (3.87 - 5.56)                       |
| Adanta, Cumberland River, and<br>Lifeskills | 8.21                | (6.02 - 11.09)                        | 4.32              | (3.06 - 6.06)                       | 4.88              | (3.68 - 6.44)                       |
| Bluegrass, Comprehend, and<br>North Key     | 8.68                | (6.52 - 11.46)                        | 4.29              | (3.14 - 5.83)                       | 4.94              | (3.85 - 6.32)                       |
| Centerstone                                 | 8.11                | (5.89 - 11.08)                        | 3.51              | (2.53 - 4.85)                       | 4.12              | (3.15 - 5.38)                       |
| Communicare and River Valley                | 8.38                | (6.06 - 11.49)                        | 3.76              | (2.60 - 5.40)                       | 4.40              | (3.28 - 5.87)                       |
| Four Rivers and Pennyroyal                  | 8.18                | (5.92 - 11.21)                        | 3.90              | (2.73 - 5.53)                       | 4.53              | (3.41 - 5.99)                       |
| Kentucky River, Mountain, and<br>Pathways   | 8.68                | (6.23 - 11.97)                        | 4.30              | (3.05 - 6.03)                       | 4.88              | (3.67 - 6.46)                       |

See notes at end of table.

(continued)



**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 7.30                | (6.02 - 8.82)                         | 3.64              | (2.87 - 4.60)                       | 4.18              | (3.45 - 5.05)                       |
| Regions 1 and 10      | 7.29                | (5.56 - 9.51)                         | 3.56              | (2.62 - 4.83)                       | 4.08              | (3.16 - 5.24)                       |
| Region 1              | 6.98                | (4.91 - 9.82)                         | 3.50              | (2.42 - 5.03)                       | 4.03              | (2.99 - 5.42)                       |
| Region 10 (Jefferson) | 7.73                | (5.53 - 10.72)                        | 3.63              | (2.51 - 5.24)                       | 4.13              | (3.02 - 5.61)                       |
| Regions 2 and 9       | 7.10                | (5.28 - 9.48)                         | 3.48              | (2.50 - 4.83)                       | 4.03              | (3.09 - 5.24)                       |
| Region 3              | 7.70                | (5.60 - 10.49)                        | 3.57              | (2.49 - 5.10)                       | 4.15              | (3.10 - 5.54)                       |
| Regions 4, 5, and 6   | 7.88                | (5.76 - 10.70)                        | 3.81              | (2.71 - 5.34)                       | 4.41              | (3.35 - 5.78)                       |
| Regions 7 and 8       | 6.69                | (4.92 - 9.03)                         | 3.73              | (2.68 - 5.17)                       | 4.18              | (3.20 - 5.44)                       |
| <b>Maine</b>          | 7.92                | (6.50 - 9.61)                         | 3.26              | (2.56 - 4.14)                       | 3.81              | (3.14 - 4.63)                       |
| Aroostook/Downeast    | 8.09                | (6.14 - 10.58)                        | 3.27              | (2.36 - 4.51)                       | 3.79              | (2.90 - 4.94)                       |
| Aroostook             | 8.22                | (5.79 - 11.55)                        | 2.98              | (2.05 - 4.32)                       | 3.57              | (2.63 - 4.84)                       |
| Downeast              | 7.97                | (5.69 - 11.05)                        | 3.49              | (2.36 - 5.15)                       | 3.97              | (2.86 - 5.48)                       |
| Central               | 8.43                | (6.04 - 11.63)                        | 3.45              | (2.40 - 4.93)                       | 4.03              | (3.00 - 5.39)                       |
| Cumberland            | 8.17                | (5.99 - 11.06)                        | 3.34              | (2.34 - 4.77)                       | 3.93              | (2.95 - 5.23)                       |
| Midcoast              | 7.92                | (5.60 - 11.08)                        | 2.97              | (2.06 - 4.28)                       | 3.47              | (2.55 - 4.69)                       |
| Penquis               | 7.35                | (5.26 - 10.18)                        | 3.33              | (2.34 - 4.72)                       | 3.92              | (2.96 - 5.17)                       |
| Western               | 7.89                | (5.75 - 10.75)                        | 3.20              | (2.25 - 4.53)                       | 3.78              | (2.85 - 5.00)                       |
| York                  | 7.61                | (5.52 - 10.41)                        | 3.16              | (2.22 - 4.50)                       | 3.66              | (2.73 - 4.90)                       |
| <b>Maryland</b>       | 8.16                | (6.78 - 9.79)                         | 3.20              | (2.55 - 4.02)                       | 3.88              | (3.24 - 4.64)                       |
| Anne Arundel          | 9.54                | (6.88 - 13.09)                        | 3.28              | (2.31 - 4.64)                       | 4.09              | (3.09 - 5.40)                       |
| Baltimore City        | 7.04                | (5.02 - 9.79)                         | 3.42              | (2.44 - 4.76)                       | 3.99              | (3.05 - 5.20)                       |
| Baltimore County      | 8.90                | (6.40 - 12.26)                        | 3.21              | (2.26 - 4.54)                       | 3.98              | (3.01 - 5.24)                       |
| Montgomery            | 7.47                | (5.38 - 10.27)                        | 3.03              | (2.18 - 4.21)                       | 3.54              | (2.69 - 4.65)                       |
| North Central         | 9.39                | (6.81 - 12.81)                        | 3.15              | (2.20 - 4.49)                       | 3.95              | (2.99 - 5.20)                       |
| Northeast             | 8.97                | (6.49 - 12.27)                        | 3.17              | (2.20 - 4.56)                       | 3.91              | (2.94 - 5.18)                       |
| Prince George's       | 6.99                | (5.01 - 9.69)                         | 2.93              | (2.07 - 4.13)                       | 3.56              | (2.69 - 4.68)                       |
| South                 | 8.46                | (6.13 - 11.57)                        | 3.48              | (2.45 - 4.92)                       | 4.22              | (3.19 - 5.55)                       |
| West                  | 8.39                | (6.05 - 11.54)                        | 3.44              | (2.43 - 4.86)                       | 4.10              | (3.09 - 5.42)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 8.05                | (6.62 - 9.75)                         | 3.28              | (2.59 - 4.14)                       | 3.98              | (3.32 - 4.77)                       |
| Boston                | 8.13                | (5.93 - 11.06)                        | 3.70              | (2.64 - 5.15)                       | 4.62              | (3.60 - 5.91)                       |
| Central               | 7.73                | (5.55 - 10.68)                        | 3.39              | (2.38 - 4.80)                       | 4.02              | (3.03 - 5.31)                       |
| Metrowest             | 8.43                | (6.16 - 11.42)                        | 3.14              | (2.26 - 4.35)                       | 3.85              | (2.97 - 4.99)                       |
| Northeast             | 7.79                | (5.65 - 10.66)                        | 3.06              | (2.20 - 4.25)                       | 3.69              | (2.85 - 4.77)                       |
| Southeast             | 8.04                | (5.85 - 10.97)                        | 3.15              | (2.23 - 4.42)                       | 3.78              | (2.87 - 4.95)                       |
| Western               | 7.97                | (5.81 - 10.85)                        | 3.58              | (2.49 - 5.11)                       | 4.31              | (3.26 - 5.69)                       |
| <b>Michigan</b>       | 8.31                | (7.24 - 9.50)                         | 3.28              | (2.76 - 3.90)                       | 4.01              | (3.51 - 4.58)                       |
| Region 1              | 8.25                | (5.93 - 11.37)                        | 3.23              | (2.30 - 4.51)                       | 3.94              | (3.02 - 5.13)                       |
| Region 2              | 9.54                | (7.02 - 12.83)                        | 3.00              | (2.12 - 4.22)                       | 3.70              | (2.82 - 4.85)                       |
| Region 3              | 8.50                | (6.51 - 11.03)                        | 3.88              | (2.88 - 5.21)                       | 4.58              | (3.64 - 5.76)                       |
| Region 4              | 8.32                | (6.27 - 10.97)                        | 3.70              | (2.73 - 5.01)                       | 4.40              | (3.45 - 5.59)                       |
| Region 5              | 8.86                | (6.96 - 11.21)                        | 3.44              | (2.63 - 4.49)                       | 4.36              | (3.56 - 5.31)                       |
| Region 6              | 8.50                | (6.34 - 11.31)                        | 3.44              | (2.48 - 4.74)                       | 4.28              | (3.34 - 5.46)                       |
| Region 7              | 7.51                | (5.74 - 9.76)                         | 2.79              | (2.07 - 3.76)                       | 3.49              | (2.77 - 4.40)                       |
| Region 8              | 7.94                | (5.96 - 10.50)                        | 2.78              | (2.05 - 3.74)                       | 3.41              | (2.69 - 4.32)                       |
| Region 9              | 8.35                | (6.29 - 11.00)                        | 3.17              | (2.32 - 4.31)                       | 3.82              | (2.99 - 4.87)                       |
| Region 10             | 7.98                | (5.85 - 10.79)                        | 3.73              | (2.68 - 5.16)                       | 4.30              | (3.29 - 5.59)                       |
| <b>Minnesota</b>      | 8.48                | (7.06 - 10.17)                        | 3.51              | (2.82 - 4.37)                       | 4.20              | (3.53 - 4.99)                       |
| Regions 1 and 2       | 8.75                | (6.64 - 11.44)                        | 3.56              | (2.63 - 4.81)                       | 4.25              | (3.32 - 5.42)                       |
| Region 1              | *                   | (* - *)                               | 3.24              | (2.23 - 4.67)                       | 4.00              | (2.98 - 5.36)                       |
| Region 2              | *                   | (* - *)                               | 3.76              | (2.65 - 5.30)                       | 4.39              | (3.30 - 5.83)                       |
| Regions 3 and 4       | 8.66                | (6.67 - 11.17)                        | 3.56              | (2.69 - 4.70)                       | 4.29              | (3.42 - 5.35)                       |
| Region 3              | *                   | (* - *)                               | 3.56              | (2.48 - 5.08)                       | 4.29              | (3.21 - 5.71)                       |
| Region 4              | 8.52                | (6.24 - 11.55)                        | 3.56              | (2.56 - 4.93)                       | 4.28              | (3.29 - 5.55)                       |
| Regions 5 and 6       | 8.63                | (6.67 - 11.08)                        | 3.51              | (2.63 - 4.66)                       | 4.25              | (3.38 - 5.33)                       |
| Region 5              | 8.30                | (6.12 - 11.17)                        | 3.30              | (2.32 - 4.66)                       | 4.03              | (3.07 - 5.27)                       |
| Region 6              | 8.96                | (6.40 - 12.41)                        | 3.72              | (2.60 - 5.29)                       | 4.48              | (3.37 - 5.93)                       |
| Region 7              | 8.32                | (6.71 - 10.29)                        | 3.49              | (2.73 - 4.46)                       | 4.14              | (3.41 - 5.03)                       |
| Region 7A (Hennepin)  | 8.44                | (6.20 - 11.38)                        | 3.68              | (2.69 - 5.01)                       | 4.30              | (3.33 - 5.53)                       |
| Region 7B (Ramsey)    | 7.85                | (5.58 - 10.93)                        | 3.68              | (2.64 - 5.11)                       | 4.34              | (3.30 - 5.68)                       |
| Region 7C             | 8.47                | (6.26 - 11.35)                        | 3.23              | (2.33 - 4.45)                       | 3.90              | (3.01 - 5.03)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                  | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 7.47                | (6.15 - 9.05)                         | 3.25              | (2.55 - 4.13)                       | 3.89              | (3.22 - 4.69)                       |
| Region 1                               | 7.86                | (5.81 - 10.55)                        | 3.17              | (2.25 - 4.46)                       | 3.88              | (2.97 - 5.05)                       |
| Region 2                               | 6.65                | (4.76 - 9.23)                         | 3.06              | (2.12 - 4.41)                       | 3.61              | (2.70 - 4.82)                       |
| Region 3                               | 7.51                | (5.41 - 10.32)                        | 3.23              | (2.27 - 4.59)                       | 3.96              | (3.02 - 5.19)                       |
| Region 4                               | 6.63                | (4.79 - 9.10)                         | 3.30              | (2.32 - 4.66)                       | 3.79              | (2.85 - 5.03)                       |
| Region 5                               | *                   | (* - *)                               | 3.08              | (2.14 - 4.41)                       | 3.76              | (2.80 - 5.03)                       |
| Region 6                               | 7.82                | (5.63 - 10.76)                        | 3.46              | (2.46 - 4.85)                       | 4.14              | (3.16 - 5.41)                       |
| Region 7                               | 8.12                | (5.79 - 11.28)                        | 3.37              | (2.37 - 4.76)                       | 4.03              | (3.05 - 5.32)                       |
| <b>Missouri</b>                        | 7.85                | (6.44 - 9.54)                         | 2.98              | (2.33 - 3.80)                       | 3.67              | (3.04 - 4.44)                       |
| Central                                | 8.07                | (5.85 - 11.03)                        | 3.07              | (2.14 - 4.37)                       | 3.94              | (3.00 - 5.16)                       |
| Eastern                                | 7.50                | (5.79 - 9.66)                         | 2.82              | (2.10 - 3.78)                       | 3.46              | (2.74 - 4.35)                       |
| Eastern (St. Louis City and<br>County) | 7.43                | (5.43 - 10.08)                        | 2.85              | (2.02 - 4.01)                       | 3.48              | (2.65 - 4.56)                       |
| Eastern (excluding St. Louis)          | 7.63                | (5.55 - 10.40)                        | 2.78              | (1.94 - 3.96)                       | 3.42              | (2.57 - 4.52)                       |
| Northwest                              | 7.96                | (6.09 - 10.34)                        | 2.89              | (2.16 - 3.87)                       | 3.60              | (2.86 - 4.52)                       |
| Northwest (Jackson)                    | 7.13                | (5.07 - 9.94)                         | 2.83              | (1.99 - 4.00)                       | 3.40              | (2.57 - 4.50)                       |
| Northwest (excluding Jackson)          | 8.62                | (6.24 - 11.78)                        | 2.95              | (2.07 - 4.19)                       | 3.76              | (2.87 - 4.92)                       |
| Southeast                              | 8.55                | (6.22 - 11.66)                        | 3.28              | (2.27 - 4.72)                       | 3.99              | (2.99 - 5.32)                       |
| Southwest                              | 7.68                | (5.53 - 10.56)                        | 3.17              | (2.23 - 4.50)                       | 3.81              | (2.89 - 5.00)                       |
| <b>Montana</b>                         | 9.18                | (7.70 - 10.91)                        | 4.19              | (3.34 - 5.25)                       | 4.89              | (4.10 - 5.83)                       |
| Region 1                               | *                   | (* - *)                               | 3.68              | (2.53 - 5.31)                       | 4.34              | (3.23 - 5.83)                       |
| Region 2                               | 8.34                | (6.10 - 11.30)                        | 4.49              | (3.19 - 6.28)                       | 5.05              | (3.83 - 6.63)                       |
| Region 3                               | 8.34                | (6.14 - 11.25)                        | 4.40              | (3.18 - 6.06)                       | 4.91              | (3.76 - 6.38)                       |
| Region 4                               | 9.81                | (7.50 - 12.73)                        | 4.03              | (2.91 - 5.55)                       | 4.89              | (3.83 - 6.24)                       |
| Region 5                               | 9.57                | (7.36 - 12.36)                        | 4.19              | (3.10 - 5.63)                       | 4.95              | (3.91 - 6.24)                       |
| <b>Nebraska</b>                        | 8.30                | (6.82 - 10.07)                        | 3.59              | (2.83 - 4.55)                       | 4.31              | (3.57 - 5.19)                       |
| Regions 1 and 2                        | 7.96                | (6.09 - 10.34)                        | 2.89              | (2.12 - 3.95)                       | 3.57              | (2.80 - 4.55)                       |
| Region 1                               | *                   | (* - *)                               | 2.96              | (2.02 - 4.32)                       | 3.68              | (2.74 - 4.92)                       |
| Region 2                               | *                   | (* - *)                               | 2.83              | (1.97 - 4.06)                       | 3.48              | (2.62 - 4.62)                       |
| Region 3                               | 8.30                | (6.03 - 11.33)                        | 3.32              | (2.32 - 4.72)                       | 4.06              | (3.08 - 5.33)                       |
| Region 4                               | 7.63                | (5.44 - 10.58)                        | 2.86              | (1.98 - 4.10)                       | 3.54              | (2.65 - 4.70)                       |
| Region 5                               | 7.93                | (5.74 - 10.85)                        | 3.43              | (2.43 - 4.82)                       | 4.19              | (3.19 - 5.48)                       |
| Region 6                               | 8.81                | (6.74 - 11.43)                        | 4.13              | (3.06 - 5.56)                       | 4.83              | (3.80 - 6.11)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region   | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 8.64                | (6.98 - 10.65)                        | 3.86              | (2.99 - 4.96)                       | 4.49              | (3.67 - 5.48)                       |
| Clark – Region 1        | 8.33                | (6.46 - 10.67)                        | 3.73              | (2.77 - 5.00)                       | 4.34              | (3.43 - 5.47)                       |
| Region 3                | 8.94                | (6.79 - 11.68)                        | 3.52              | (2.56 - 4.81)                       | 4.15              | (3.21 - 5.34)                       |
| Capital District        | *                   | (* - *)                               | 3.60              | (2.43 - 5.30)                       | 4.19              | (3.04 - 5.75)                       |
| Rural/Frontier          | *                   | (* - *)                               | 3.44              | (2.38 - 4.95)                       | 4.11              | (3.06 - 5.52)                       |
| Washoe – Region 2       | 9.86                | (7.27 - 13.23)                        | 4.75              | (3.34 - 6.70)                       | 5.44              | (4.10 - 7.18)                       |
| <b>New Hampshire</b>    | 11.02               | (9.11 - 13.27)                        | 4.32              | (3.41 - 5.45)                       | 5.23              | (4.35 - 6.27)                       |
| Central                 | 10.99               | (8.74 - 13.73)                        | 4.63              | (3.51 - 6.07)                       | 5.54              | (4.46 - 6.87)                       |
| Central 1               | 11.04               | (8.17 - 14.76)                        | 4.38              | (3.15 - 6.05)                       | 5.45              | (4.22 - 7.00)                       |
| Central 2               | 10.92               | (8.23 - 14.35)                        | 4.87              | (3.47 - 6.79)                       | 5.64              | (4.29 - 7.39)                       |
| Northern                | 10.29               | (7.57 - 13.85)                        | 4.07              | (2.84 - 5.81)                       | 4.95              | (3.73 - 6.54)                       |
| Southern                | 11.21               | (8.88 - 14.05)                        | 4.22              | (3.22 - 5.53)                       | 5.13              | (4.15 - 6.33)                       |
| Southern 1 (Rockingham) | 10.22               | (7.44 - 13.89)                        | 3.59              | (2.52 - 5.10)                       | 4.38              | (3.31 - 5.78)                       |
| Southern 2              | 11.74               | (8.95 - 15.25)                        | 4.63              | (3.40 - 6.27)                       | 5.60              | (4.41 - 7.10)                       |
| <b>New Jersey</b>       | 8.25                | (6.95 - 9.77)                         | 2.93              | (2.36 - 3.63)                       | 3.62              | (3.07 - 4.27)                       |
| Central                 | 8.98                | (6.82 - 11.76)                        | 2.80              | (2.02 - 3.86)                       | 3.58              | (2.80 - 4.56)                       |
| Metropolitan            | 7.88                | (5.92 - 10.42)                        | 3.05              | (2.21 - 4.20)                       | 3.72              | (2.90 - 4.77)                       |
| Northern                | 7.72                | (5.94 - 9.99)                         | 2.72              | (2.01 - 3.67)                       | 3.34              | (2.65 - 4.21)                       |
| Southern                | 8.69                | (6.50 - 11.53)                        | 3.28              | (2.41 - 4.44)                       | 4.00              | (3.13 - 5.09)                       |
| <b>New Mexico</b>       | 8.16                | (6.73 - 9.88)                         | 3.39              | (2.69 - 4.26)                       | 4.08              | (3.41 - 4.87)                       |
| Region 1                | 8.11                | (5.97 - 10.94)                        | 3.37              | (2.39 - 4.74)                       | 4.06              | (3.11 - 5.28)                       |
| Region 2                | 8.60                | (6.27 - 11.70)                        | 3.10              | (2.14 - 4.49)                       | 3.75              | (2.79 - 5.02)                       |
| Region 3 (Bernalillo)   | 8.37                | (6.28 - 11.07)                        | 3.76              | (2.79 - 5.05)                       | 4.41              | (3.48 - 5.57)                       |
| Region 4                | 7.86                | (5.66 - 10.83)                        | 3.21              | (2.28 - 4.50)                       | 3.95              | (3.03 - 5.14)                       |
| Region 5                | 7.86                | (6.04 - 10.19)                        | 3.12              | (2.33 - 4.17)                       | 3.88              | (3.10 - 4.85)                       |
| Region 5a               | 8.40                | (5.98 - 11.69)                        | 3.02              | (2.10 - 4.33)                       | 3.74              | (2.81 - 4.96)                       |
| Region 5b (Dona Ana)    | 7.51                | (5.35 - 10.44)                        | 3.21              | (2.26 - 4.56)                       | 4.01              | (3.05 - 5.25)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                       | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                             | 8.40                | (7.40 - 9.52)                         | 3.06              | (2.58 - 3.63)                       | 3.83              | (3.37 - 4.35)                       |
| Region 1: Long Island                       | 9.29                | (7.23 - 11.86)                        | 2.63              | (1.95 - 3.54)                       | 3.54              | (2.84 - 4.41)                       |
| Region 2: New York City                     | 7.90                | (6.72 - 9.28)                         | 3.06              | (2.49 - 3.75)                       | 3.73              | (3.20 - 4.36)                       |
| Region 2A (Bronx)                           | 7.58                | (5.69 - 10.03)                        | 2.72              | (1.97 - 3.75)                       | 3.54              | (2.80 - 4.47)                       |
| Region 2B (Kings)                           | 7.98                | (6.08 - 10.39)                        | 3.11              | (2.32 - 4.18)                       | 3.81              | (3.03 - 4.78)                       |
| Region 2C (New York)                        | 8.55                | (6.48 - 11.20)                        | 3.64              | (2.66 - 4.97)                       | 4.27              | (3.33 - 5.46)                       |
| Region 2D (Queens)                          | 7.34                | (5.48 - 9.76)                         | 2.70              | (1.97 - 3.69)                       | 3.29              | (2.57 - 4.20)                       |
| Region 2E (Richmond)                        | 9.01                | (6.64 - 12.12)                        | 3.29              | (2.36 - 4.59)                       | 4.08              | (3.14 - 5.29)                       |
| Region 3: Mid-Hudson                        | 8.42                | (6.39 - 11.01)                        | 3.01              | (2.21 - 4.08)                       | 3.79              | (2.98 - 4.80)                       |
| Region 4: Capital Region                    | 8.82                | (6.53 - 11.82)                        | 3.53              | (2.55 - 4.87)                       | 4.30              | (3.34 - 5.53)                       |
| Region 5: Mohawk Valley                     | *                   | (* - *)                               | 3.66              | (2.56 - 5.20)                       | 4.40              | (3.30 - 5.82)                       |
| Region 6: North Country                     | *                   | (* - *)                               | 3.51              | (2.52 - 4.86)                       | 4.24              | (3.28 - 5.47)                       |
| Region 7: Tug Hill Seaway                   | *                   | (* - *)                               | 3.59              | (2.59 - 4.96)                       | 4.49              | (3.48 - 5.77)                       |
| Region 8: Central                           | 8.36                | (6.25 - 11.10)                        | 3.45              | (2.52 - 4.72)                       | 4.24              | (3.33 - 5.39)                       |
| Region 9: Southern Tier                     | 8.54                | (6.27 - 11.52)                        | 3.49              | (2.54 - 4.77)                       | 4.44              | (3.47 - 5.66)                       |
| Region 10: Finger Lakes                     | 8.72                | (6.65 - 11.37)                        | 3.00              | (2.22 - 4.03)                       | 3.86              | (3.08 - 4.82)                       |
| Region 11: Western                          | 8.74                | (6.72 - 11.29)                        | 3.08              | (2.31 - 4.08)                       | 3.91              | (3.14 - 4.85)                       |
| <b>North Carolina</b>                       | 7.39                | (6.25 - 8.73)                         | 3.65              | (2.99 - 4.45)                       | 4.17              | (3.55 - 4.90)                       |
| Alliance Behavioral Healthcare 1            | 6.84                | (4.91 - 9.44)                         | 3.94              | (2.86 - 5.41)                       | 4.39              | (3.37 - 5.70)                       |
| Alliance Behavioral Healthcare 2            | 7.92                | (5.83 - 10.68)                        | 3.54              | (2.54 - 4.91)                       | 4.14              | (3.18 - 5.39)                       |
| Cardinal Innovations Healthcare Solutions 1 | 7.31                | (5.24 - 10.10)                        | 3.52              | (2.51 - 4.93)                       | 4.01              | (3.03 - 5.29)                       |
| Cardinal Innovations Healthcare Solutions 2 | 7.41                | (5.36 - 10.15)                        | 3.62              | (2.59 - 5.04)                       | 4.18              | (3.18 - 5.46)                       |
| Cardinal Innovations Healthcare Solutions 3 | 6.75                | (4.89 - 9.25)                         | 3.23              | (2.31 - 4.49)                       | 3.71              | (2.83 - 4.85)                       |
| CenterPoint Human Services                  | 7.08                | (5.09 - 9.76)                         | 3.53              | (2.47 - 5.01)                       | 4.00              | (2.99 - 5.33)                       |
| Eastpointe                                  | 6.91                | (5.07 - 9.35)                         | 3.73              | (2.70 - 5.14)                       | 4.17              | (3.19 - 5.44)                       |
| Partners Behavioral Health Management       | 8.07                | (5.89 - 10.96)                        | 3.84              | (2.74 - 5.35)                       | 4.37              | (3.32 - 5.74)                       |
| Sandhills Center 1                          | 7.19                | (5.16 - 9.94)                         | 3.61              | (2.53 - 5.13)                       | 4.07              | (3.02 - 5.46)                       |
| Sandhills Center 2                          | 7.20                | (5.21 - 9.88)                         | 3.74              | (2.69 - 5.16)                       | 4.27              | (3.28 - 5.55)                       |
| Smoky Mountain Center 1                     | 7.75                | (5.62 - 10.58)                        | 3.67              | (2.60 - 5.16)                       | 4.24              | (3.21 - 5.58)                       |
| Smoky Mountain Center 2                     | 8.73                | (6.34 - 11.90)                        | 3.83              | (2.71 - 5.39)                       | 4.36              | (3.29 - 5.77)                       |
| Trillium Health Resources 1                 | 7.38                | (5.40 - 10.01)                        | 3.57              | (2.53 - 5.02)                       | 4.17              | (3.18 - 5.46)                       |
| Trillium Health Resources 2                 | 7.50                | (5.36 - 10.41)                        | 3.91              | (2.78 - 5.47)                       | 4.50              | (3.42 - 5.91)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region         | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 8.23                | (6.91 - 9.78)                         | 3.09              | (2.46 - 3.89)                       | 4.02              | (3.41 - 4.73)                       |
| Badlands and West Central     | 8.09                | (6.21 - 10.48)                        | 2.90              | (2.17 - 3.87)                       | 3.66              | (2.93 - 4.57)                       |
| Badlands                      | *                   | (* - *)                               | 2.93              | (2.04 - 4.18)                       | 3.75              | (2.83 - 4.94)                       |
| West Central                  | 8.01                | (5.87 - 10.83)                        | 2.90              | (2.08 - 4.01)                       | 3.64              | (2.82 - 4.68)                       |
| Lake Region                   | *                   | (* - *)                               | 2.56              | (1.78 - 3.66)                       | 3.58              | (2.73 - 4.69)                       |
| North Central                 | 8.50                | (6.13 - 11.67)                        | 3.21              | (2.27 - 4.53)                       | 4.15              | (3.19 - 5.40)                       |
| Northeast                     | 8.58                | (6.38 - 11.45)                        | 3.39              | (2.42 - 4.75)                       | 4.68              | (3.68 - 5.94)                       |
| Northwest                     | *                   | (* - *)                               | 2.92              | (2.03 - 4.17)                       | 3.74              | (2.83 - 4.92)                       |
| South Central                 | *                   | (* - *)                               | 2.68              | (1.85 - 3.87)                       | 3.50              | (2.65 - 4.63)                       |
| Southeast                     | 7.76                | (5.98 - 10.03)                        | 3.37              | (2.47 - 4.59)                       | 4.27              | (3.43 - 5.32)                       |
| <b>Ohio</b>                   | 9.05                | (7.93 - 10.31)                        | 3.80              | (3.23 - 4.46)                       | 4.53              | (3.99 - 5.12)                       |
| Boards 2, 46, 55, and 68      | 9.37                | (6.81 - 12.76)                        | 3.63              | (2.63 - 4.99)                       | 4.41              | (3.42 - 5.67)                       |
| Boards 3, 52, and 85          | *                   | (* - *)                               | 3.87              | (2.81 - 5.31)                       | 4.59              | (3.54 - 5.95)                       |
| Boards 4 and 78               | 9.22                | (6.76 - 12.45)                        | 4.25              | (2.99 - 6.00)                       | 4.85              | (3.64 - 6.42)                       |
| Boards 5 and 60               | 9.38                | (6.88 - 12.66)                        | 4.19              | (3.00 - 5.82)                       | 5.10              | (3.96 - 6.55)                       |
| Boards 7, 15, 41, 79, and 84  | *                   | (* - *)                               | 4.36              | (3.12 - 6.05)                       | 4.95              | (3.76 - 6.50)                       |
| Boards 8, 13, and 83          | *                   | (* - *)                               | 3.33              | (2.41 - 4.60)                       | 4.02              | (3.09 - 5.22)                       |
| Board 9 (Butler)              | *                   | (* - *)                               | 3.79              | (2.76 - 5.18)                       | 4.71              | (3.67 - 6.03)                       |
| Board 12                      | 9.60                | (7.08 - 12.90)                        | 3.89              | (2.76 - 5.45)                       | 4.77              | (3.67 - 6.18)                       |
| Boards 18 and 47              | 9.33                | (7.15 - 12.10)                        | 3.37              | (2.52 - 4.49)                       | 4.16              | (3.32 - 5.21)                       |
| Boards 20, 32, 54, and 69     | 9.18                | (6.77 - 12.34)                        | 3.54              | (2.58 - 4.84)                       | 4.28              | (3.32 - 5.50)                       |
| Boards 21, 39, 51, 70, and 80 | 8.95                | (6.62 - 11.99)                        | 3.75              | (2.72 - 5.14)                       | 4.41              | (3.40 - 5.70)                       |
| Boards 22, 74, and 87         | 8.73                | (6.45 - 11.71)                        | 4.01              | (2.90 - 5.51)                       | 4.71              | (3.64 - 6.07)                       |
| Boards 23 and 45              | 8.81                | (6.51 - 11.82)                        | 3.65              | (2.65 - 5.01)                       | 4.38              | (3.40 - 5.62)                       |
| Board 25 (Franklin)           | 8.72                | (6.67 - 11.31)                        | 3.62              | (2.69 - 4.84)                       | 4.40              | (3.49 - 5.52)                       |
| Boards 27, 71, and 73         | 9.17                | (6.73 - 12.39)                        | 4.42              | (3.19 - 6.08)                       | 5.02              | (3.84 - 6.54)                       |
| Boards 28, 43, and 67         | 9.06                | (6.67 - 12.21)                        | 3.89              | (2.79 - 5.39)                       | 4.62              | (3.56 - 5.97)                       |
| Board 31 (Hamilton)           | 8.44                | (6.28 - 11.26)                        | 3.40              | (2.48 - 4.64)                       | 4.12              | (3.22 - 5.27)                       |
| Board 48 (Lucas)              | 8.65                | (6.34 - 11.69)                        | 4.32              | (3.12 - 5.95)                       | 4.96              | (3.82 - 6.43)                       |
| Boards 50 and 76              | 9.37                | (6.99 - 12.44)                        | 3.93              | (2.86 - 5.39)                       | 4.63              | (3.60 - 5.94)                       |
| Board 57 (Montgomery)         | 9.53                | (7.06 - 12.74)                        | 4.20              | (3.07 - 5.73)                       | 4.94              | (3.84 - 6.33)                       |
| Board 77 (Summit)             | 8.17                | (5.99 - 11.05)                        | 4.06              | (2.96 - 5.55)                       | 4.60              | (3.56 - 5.93)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                 | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 7.45                | (6.08 - 9.09)                         | 3.05              | (2.38 - 3.91)                       | 3.71              | (3.05 - 4.51)                       |
| Central                               | 8.11                | (5.83 - 11.17)                        | 2.98              | (2.09 - 4.24)                       | 3.80              | (2.90 - 4.97)                       |
| East Central                          | 7.65                | (5.43 - 10.68)                        | 2.97              | (2.03 - 4.34)                       | 3.64              | (2.69 - 4.91)                       |
| Northeast                             | 6.96                | (4.95 - 9.71)                         | 2.97              | (2.06 - 4.25)                       | 3.63              | (2.72 - 4.82)                       |
| Northwest and Southwest               | 7.85                | (5.66 - 10.80)                        | 3.02              | (2.10 - 4.33)                       | 3.77              | (2.84 - 4.99)                       |
| Oklahoma County                       | 6.75                | (4.89 - 9.25)                         | 2.88              | (2.03 - 4.07)                       | 3.43              | (2.60 - 4.53)                       |
| Southeast                             | 7.52                | (5.41 - 10.35)                        | 3.08              | (2.16 - 4.39)                       | 3.70              | (2.79 - 4.91)                       |
| Tulsa County                          | 7.55                | (5.45 - 10.39)                        | 3.44              | (2.42 - 4.88)                       | 4.03              | (3.02 - 5.35)                       |
| <b>Oregon</b>                         | 10.48               | (8.79 - 12.46)                        | 3.78              | (3.01 - 4.72)                       | 4.67              | (3.93 - 5.54)                       |
| Region 1 (Multnomah)                  | 10.15               | (7.56 - 13.49)                        | 4.28              | (3.14 - 5.79)                       | 5.00              | (3.91 - 6.38)                       |
| Region 2                              | 9.69                | (7.29 - 12.78)                        | 3.29              | (2.37 - 4.53)                       | 4.10              | (3.19 - 5.27)                       |
| Region 3                              | 11.23               | (8.67 - 14.42)                        | 3.97              | (2.89 - 5.44)                       | 5.08              | (4.00 - 6.41)                       |
| Region 4                              | 11.21               | (8.25 - 15.05)                        | 3.61              | (2.54 - 5.10)                       | 4.49              | (3.41 - 5.88)                       |
| Region 5 (Central)                    | *                   | (* - *)                               | 3.72              | (2.59 - 5.32)                       | 4.46              | (3.33 - 5.95)                       |
| Region 6 (Eastern)                    | *                   | (* - *)                               | 3.49              | (2.44 - 4.97)                       | 4.23              | (3.19 - 5.59)                       |
| <b>Pennsylvania</b>                   | 8.83                | (7.74 - 10.05)                        | 3.59              | (3.05 - 4.22)                       | 4.31              | (3.79 - 4.88)                       |
| Region 1 (Allegheny)                  | 10.50               | (7.96 - 13.72)                        | 3.60              | (2.65 - 4.86)                       | 4.46              | (3.52 - 5.64)                       |
| Regions 3, 8, 9, and 51               | 9.84                | (7.38 - 13.00)                        | 3.51              | (2.55 - 4.82)                       | 4.37              | (3.43 - 5.56)                       |
| Regions 4, 11, 37, and 49             | 8.34                | (6.19 - 11.16)                        | 3.87              | (2.79 - 5.34)                       | 4.46              | (3.44 - 5.78)                       |
| Regions 5, 18, 23, 24, and 46         | 9.86                | (7.45 - 12.94)                        | 3.73              | (2.75 - 5.04)                       | 4.51              | (3.55 - 5.72)                       |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 9.19                | (6.90 - 12.14)                        | 3.91              | (2.88 - 5.29)                       | 4.87              | (3.85 - 6.15)                       |
| Regions 7, 13, 20, and 33             | 8.02                | (6.20 - 10.32)                        | 3.01              | (2.27 - 3.97)                       | 3.65              | (2.94 - 4.53)                       |
| Regions 10, 15, 27, 32, 43, and 44    | 8.54                | (6.37 - 11.37)                        | 3.63              | (2.59 - 5.05)                       | 4.21              | (3.22 - 5.49)                       |
| Regions 17 and 21                     | 8.63                | (6.30 - 11.73)                        | 3.96              | (2.85 - 5.50)                       | 4.66              | (3.59 - 6.04)                       |
| Regions 19, 26, 28, and 42            | 9.31                | (7.13 - 12.06)                        | 4.38              | (3.25 - 5.87)                       | 5.01              | (3.93 - 6.37)                       |
| Regions 22, 38, 40, 41, and 48        | 8.74                | (6.47 - 11.69)                        | 3.13              | (2.28 - 4.30)                       | 3.76              | (2.92 - 4.84)                       |
| Regions 29 and 34                     | 8.25                | (6.06 - 11.12)                        | 3.56              | (2.60 - 4.85)                       | 4.19              | (3.25 - 5.40)                       |
| Regions 30 and 50                     | 8.44                | (6.22 - 11.36)                        | 4.00              | (2.88 - 5.55)                       | 4.56              | (3.48 - 5.95)                       |
| Region 36 (Philadelphia)              | 8.19                | (6.27 - 10.63)                        | 3.46              | (2.58 - 4.63)                       | 4.27              | (3.41 - 5.32)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                     | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 9.19                | (7.53 - 11.18)                        | 3.66              | (2.87 - 4.65)                       | 4.52              | (3.75 - 5.44)                       |
| Region 1: Southern Providence<br>County                   | 9.21                | (6.67 - 12.59)                        | 3.45              | (2.43 - 4.87)                       | 4.20              | (3.18 - 5.53)                       |
| Region 2: Northern Providence<br>County/Blackstone Valley | 8.84                | (6.49 - 11.93)                        | 3.76              | (2.64 - 5.34)                       | 4.41              | (3.32 - 5.83)                       |
| Region 3: Providence                                      | 9.66                | (7.04 - 13.11)                        | 4.39              | (3.04 - 6.30)                       | 5.78              | (4.43 - 7.51)                       |
| Region 4: Kent County                                     | 8.95                | (6.44 - 12.31)                        | 3.37              | (2.38 - 4.76)                       | 4.01              | (3.02 - 5.30)                       |
| Region 5: East Bay                                        | 8.87                | (6.33 - 12.29)                        | 3.74              | (2.60 - 5.34)                       | 4.44              | (3.32 - 5.91)                       |
| Region 6: Newport County                                  | *                   | (* - *)                               | 3.83              | (2.62 - 5.56)                       | 4.66              | (3.46 - 6.24)                       |
| Region 7: South County                                    | 8.59                | (6.23 - 11.72)                        | 3.16              | (2.21 - 4.51)                       | 4.09              | (3.13 - 5.34)                       |
| <b>South Carolina</b>                                     | 7.00                | (5.73 - 8.53)                         | 3.07              | (2.41 - 3.89)                       | 3.61              | (2.99 - 4.37)                       |
| Region 1                                                  | 7.25                | (5.42 - 9.63)                         | 3.36              | (2.40 - 4.67)                       | 3.90              | (2.99 - 5.08)                       |
| Region 2                                                  | 6.84                | (5.02 - 9.26)                         | 2.85              | (2.02 - 4.00)                       | 3.44              | (2.63 - 4.50)                       |
| Region 3                                                  | 6.91                | (5.01 - 9.47)                         | 3.03              | (2.12 - 4.31)                       | 3.53              | (2.65 - 4.68)                       |
| Region 4                                                  | 6.92                | (5.06 - 9.40)                         | 2.95              | (2.14 - 4.06)                       | 3.50              | (2.69 - 4.53)                       |
| <b>South Dakota</b>                                       | 7.43                | (6.09 - 9.03)                         | 3.29              | (2.61 - 4.13)                       | 3.90              | (3.25 - 4.67)                       |
| Region 1                                                  | 7.47                | (5.50 - 10.07)                        | 3.36              | (2.44 - 4.61)                       | 3.94              | (3.04 - 5.09)                       |
| Region 2                                                  | 7.86                | (5.54 - 11.03)                        | 2.91              | (2.02 - 4.18)                       | 3.58              | (2.67 - 4.78)                       |
| Region 3                                                  | 7.39                | (5.44 - 9.97)                         | 2.93              | (2.12 - 4.04)                       | 3.67              | (2.86 - 4.70)                       |
| Region 4                                                  | 7.54                | (5.43 - 10.38)                        | 3.12              | (2.19 - 4.43)                       | 3.83              | (2.90 - 5.03)                       |
| Region 5                                                  | 7.23                | (5.39 - 9.63)                         | 3.71              | (2.71 - 5.06)                       | 4.19              | (3.23 - 5.41)                       |
| <b>Tennessee</b>                                          | 7.97                | (6.55 - 9.66)                         | 3.95              | (3.16 - 4.93)                       | 4.51              | (3.76 - 5.40)                       |
| Region 1                                                  | 7.97                | (5.76 - 10.93)                        | 4.38              | (3.05 - 6.25)                       | 4.82              | (3.56 - 6.50)                       |
| Region 2                                                  | 8.18                | (5.84 - 11.35)                        | 4.40              | (3.18 - 6.06)                       | 4.89              | (3.73 - 6.40)                       |
| Region 3                                                  | 7.94                | (5.75 - 10.87)                        | 4.03              | (2.88 - 5.62)                       | 4.55              | (3.44 - 6.00)                       |
| Region 4 (Davidson)                                       | 7.89                | (5.67 - 10.88)                        | 3.86              | (2.76 - 5.37)                       | 4.46              | (3.41 - 5.83)                       |
| Region 5                                                  | 8.53                | (6.31 - 11.44)                        | 4.01              | (2.92 - 5.49)                       | 4.65              | (3.62 - 5.95)                       |
| Region 6                                                  | 7.58                | (5.41 - 10.53)                        | 3.52              | (2.48 - 4.97)                       | 4.09              | (3.08 - 5.42)                       |
| Region 7 (Shelby)                                         | 7.21                | (5.15 - 10.02)                        | 3.22              | (2.28 - 4.54)                       | 3.86              | (2.93 - 5.05)                       |

See notes at end of table.

(continued)



**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                                    | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                             | 7.71                | (6.78 - 8.76)                         | 2.62              | (2.21 - 3.10)                       | 3.41              | (3.01 - 3.87)                       |
| Region 1                                                 | 7.53                | (5.53 - 10.18)                        | 2.89              | (2.11 - 3.96)                       | 3.69              | (2.88 - 4.72)                       |
| Region 2                                                 | 8.00                | (5.88 - 10.79)                        | 2.99              | (2.17 - 4.12)                       | 3.78              | (2.95 - 4.83)                       |
| Region 3                                                 | 7.30                | (6.00 - 8.86)                         | 2.57              | (2.07 - 3.19)                       | 3.26              | (2.76 - 3.85)                       |
| Region 3a                                                | 7.35                | (5.74 - 9.38)                         | 2.57              | (1.97 - 3.34)                       | 3.26              | (2.66 - 4.00)                       |
| Region 3bc                                               | 7.21                | (5.50 - 9.40)                         | 2.57              | (1.93 - 3.43)                       | 3.25              | (2.59 - 4.07)                       |
| Region 4                                                 | 7.86                | (5.78 - 10.62)                        | 2.87              | (2.09 - 3.93)                       | 3.56              | (2.78 - 4.55)                       |
| Region 5                                                 | 7.29                | (5.27 - 10.01)                        | 2.79              | (2.01 - 3.85)                       | 3.45              | (2.67 - 4.45)                       |
| Region 6                                                 | 8.82                | (7.04 - 10.99)                        | 2.61              | (2.04 - 3.34)                       | 3.54              | (2.95 - 4.26)                       |
| Region 6a                                                | 8.99                | (7.07 - 11.36)                        | 2.62              | (2.01 - 3.41)                       | 3.59              | (2.95 - 4.36)                       |
| Region 6bc                                               | 7.22                | (5.23 - 9.89)                         | 2.53              | (1.84 - 3.47)                       | 3.17              | (2.46 - 4.08)                       |
| Region 7                                                 | 7.89                | (6.36 - 9.75)                         | 2.90              | (2.28 - 3.68)                       | 3.75              | (3.13 - 4.50)                       |
| Region 7a                                                | 8.33                | (6.26 - 11.01)                        | 2.69              | (2.01 - 3.61)                       | 3.56              | (2.84 - 4.46)                       |
| Region 7bcd                                              | 7.30                | (5.38 - 9.83)                         | 3.27              | (2.38 - 4.47)                       | 4.09              | (3.22 - 5.18)                       |
| Region 8                                                 | 6.98                | (5.29 - 9.17)                         | 2.24              | (1.64 - 3.04)                       | 2.97              | (2.35 - 3.74)                       |
| Region 9                                                 | 7.43                | (5.34 - 10.26)                        | 2.90              | (2.08 - 4.03)                       | 3.61              | (2.78 - 4.69)                       |
| Region 10                                                | 7.51                | (5.46 - 10.24)                        | 2.54              | (1.81 - 3.58)                       | 3.41              | (2.64 - 4.40)                       |
| Region 11                                                | 6.76                | (5.28 - 8.62)                         | 2.46              | (1.85 - 3.26)                       | 3.20              | (2.59 - 3.94)                       |
| Region 11abd                                             | 6.73                | (4.93 - 9.11)                         | 2.49              | (1.78 - 3.48)                       | 3.20              | (2.47 - 4.12)                       |
| Region 11c (Hidalgo)                                     | 6.82                | (4.90 - 9.41)                         | 2.41              | (1.72 - 3.37)                       | 3.21              | (2.48 - 4.14)                       |
| <b>Utah</b>                                              | 10.23               | (8.48 - 12.29)                        | 4.19              | (3.40 - 5.17)                       | 5.31              | (4.53 - 6.22)                       |
| Bear River, Northeastern,<br>Summit, Tooele, and Wasatch | 9.07                | (6.52 - 12.48)                        | 3.91              | (2.78 - 5.48)                       | 4.90              | (3.76 - 6.36)                       |
| Central, Four Corners, San Juan,<br>and Southwest        | 8.90                | (6.65 - 11.81)                        | 3.74              | (2.76 - 5.05)                       | 4.65              | (3.65 - 5.91)                       |
| Central, Four Corners, and<br>San Juan                   | *                   | (* - *)                               | 3.52              | (2.44 - 5.06)                       | 4.46              | (3.34 - 5.92)                       |
| Southwest                                                | 8.88                | (6.29 - 12.39)                        | 3.87              | (2.71 - 5.51)                       | 4.77              | (3.58 - 6.32)                       |
| Davis County                                             | 9.10                | (6.51 - 12.57)                        | 4.07              | (2.90 - 5.68)                       | 4.93              | (3.76 - 6.43)                       |
| Salt Lake County                                         | 11.69               | (8.92 - 15.18)                        | 4.29              | (3.24 - 5.66)                       | 5.49              | (4.42 - 6.80)                       |
| Utah County                                              | 10.18               | (7.60 - 13.51)                        | 4.56              | (3.37 - 6.14)                       | 5.98              | (4.77 - 7.47)                       |
| Weber, Morgan                                            | 9.28                | (6.72 - 12.69)                        | 4.26              | (3.02 - 5.99)                       | 5.10              | (3.88 - 6.67)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region                 | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 8.95                | (7.26 - 10.98)                        | 4.76              | (3.80 - 5.95)                       | 5.38              | (4.49 - 6.45)                       |
| Champlain Valley                      | 8.53                | (6.40 - 11.30)                        | 4.44              | (3.27 - 6.01)                       | 5.15              | (4.04 - 6.56)                       |
| Rural Northeast                       | 8.94                | (6.51 - 12.15)                        | 5.38              | (3.84 - 7.51)                       | 5.87              | (4.43 - 7.75)                       |
| Rural Southeast                       | 9.56                | (6.97 - 12.97)                        | 4.85              | (3.50 - 6.70)                       | 5.41              | (4.12 - 7.07)                       |
| Rural Southwest                       | 9.60                | (6.90 - 13.21)                        | 4.51              | (3.20 - 6.32)                       | 5.22              | (3.95 - 6.87)                       |
| <b>Virginia</b>                       | 8.50                | (7.26 - 9.92)                         | 3.30              | (2.70 - 4.02)                       | 4.03              | (3.46 - 4.69)                       |
| Region 1                              | 9.12                | (6.88 - 12.00)                        | 3.65              | (2.68 - 4.96)                       | 4.51              | (3.54 - 5.73)                       |
| Region 2                              | 8.33                | (6.38 - 10.81)                        | 2.97              | (2.21 - 3.99)                       | 3.60              | (2.85 - 4.54)                       |
| Region 3                              | 8.80                | (6.72 - 11.46)                        | 3.93              | (2.88 - 5.34)                       | 4.64              | (3.64 - 5.91)                       |
| Region 4                              | 7.32                | (5.43 - 9.80)                         | 3.03              | (2.21 - 4.16)                       | 3.65              | (2.84 - 4.68)                       |
| Region 5                              | 8.83                | (6.73 - 11.50)                        | 3.19              | (2.35 - 4.31)                       | 4.07              | (3.24 - 5.11)                       |
| <b>Washington</b>                     | 9.16                | (7.63 - 10.96)                        | 4.29              | (3.43 - 5.34)                       | 4.95              | (4.15 - 5.91)                       |
| Region 1                              | 8.72                | (6.80 - 11.12)                        | 4.49              | (3.33 - 6.02)                       | 5.16              | (4.08 - 6.51)                       |
| Greater Columbia and North<br>Central | 8.24                | (6.03 - 11.17)                        | 4.27              | (2.99 - 6.06)                       | 4.95              | (3.74 - 6.51)                       |
| Spokane                               | 9.56                | (6.94 - 13.01)                        | 4.79              | (3.37 - 6.76)                       | 5.47              | (4.13 - 7.21)                       |
| Region 2                              | 9.50                | (7.51 - 11.94)                        | 4.09              | (3.16 - 5.29)                       | 4.79              | (3.88 - 5.89)                       |
| King                                  | 9.33                | (6.97 - 12.39)                        | 4.01              | (2.97 - 5.40)                       | 4.67              | (3.66 - 5.95)                       |
| North Sound                           | 9.76                | (7.13 - 13.23)                        | 4.23              | (3.04 - 5.87)                       | 4.99              | (3.81 - 6.49)                       |
| Region 3                              | 9.03                | (7.25 - 11.20)                        | 4.44              | (3.46 - 5.68)                       | 5.06              | (4.13 - 6.18)                       |
| Pierce                                | 9.00                | (6.59 - 12.17)                        | 4.22              | (3.07 - 5.78)                       | 4.91              | (3.80 - 6.33)                       |
| Salish                                | *                   | (* - *)                               | 4.32              | (2.99 - 6.19)                       | 4.95              | (3.65 - 6.67)                       |
| SW WA and Great Rivers                | 8.99                | (6.53 - 12.24)                        | 4.70              | (3.31 - 6.65)                       | 5.25              | (3.92 - 7.00)                       |
| Thurston-Mason                        | *                   | (* - *)                               | *                 | (* - *)                             | 5.13              | (3.81 - 6.87)                       |

See notes at end of table.

(continued)

**Table 13** *Had Serious Thoughts of Suicide in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)*

| State/Substate Region         | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 8.27                | (6.77 - 10.06)                        | 3.59              | (2.82 - 4.55)                       | 4.19              | (3.47 - 5.06)                       |
| Region I                      | *                   | (* - *)                               | 3.69              | (2.52 - 5.37)                       | 4.24              | (3.13 - 5.72)                       |
| Region II                     | 7.62                | (5.44 - 10.57)                        | 3.48              | (2.43 - 4.95)                       | 4.01              | (2.98 - 5.38)                       |
| Region III                    | 8.33                | (5.96 - 11.54)                        | 3.86              | (2.64 - 5.63)                       | 4.36              | (3.16 - 5.98)                       |
| Region IV                     | 9.00                | (6.66 - 12.05)                        | 3.62              | (2.57 - 5.09)                       | 4.52              | (3.50 - 5.83)                       |
| Region V                      | 8.27                | (6.08 - 11.16)                        | 3.60              | (2.55 - 5.05)                       | 4.15              | (3.14 - 5.46)                       |
| Region VI                     | 7.49                | (5.47 - 10.19)                        | 3.42              | (2.44 - 4.78)                       | 3.88              | (2.94 - 5.11)                       |
| <b>Wisconsin</b>              | 8.74                | (7.27 - 10.47)                        | 3.43              | (2.73 - 4.30)                       | 4.18              | (3.51 - 4.97)                       |
| Milwaukee                     | 7.84                | (5.74 - 10.63)                        | 3.39              | (2.43 - 4.72)                       | 4.13              | (3.18 - 5.35)                       |
| Northeastern                  | 9.08                | (6.77 - 12.08)                        | 3.48              | (2.48 - 4.87)                       | 4.21              | (3.24 - 5.45)                       |
| Northern                      | 8.04                | (5.76 - 11.11)                        | 3.29              | (2.28 - 4.72)                       | 3.89              | (2.90 - 5.20)                       |
| Southeastern                  | 9.33                | (6.88 - 12.55)                        | 3.27              | (2.34 - 4.54)                       | 4.08              | (3.15 - 5.26)                       |
| Southern                      | 8.45                | (6.29 - 11.26)                        | 3.59              | (2.58 - 4.96)                       | 4.27              | (3.30 - 5.52)                       |
| Western                       | 9.42                | (6.93 - 12.68)                        | 3.47              | (2.45 - 4.90)                       | 4.38              | (3.37 - 5.67)                       |
| <b>Wyoming</b>                | 8.48                | (7.12 - 10.07)                        | 3.32              | (2.65 - 4.15)                       | 4.06              | (3.42 - 4.82)                       |
| Judicial District 1 (Laramie) | 8.09                | (5.94 - 10.93)                        | 3.69              | (2.64 - 5.14)                       | 4.28              | (3.26 - 5.60)                       |
| Judicial District 2           | 9.16                | (6.83 - 12.18)                        | 3.39              | (2.43 - 4.71)                       | 4.94              | (3.92 - 6.22)                       |
| Judicial District 3           | 8.46                | (6.19 - 11.45)                        | 3.57              | (2.54 - 5.00)                       | 4.24              | (3.24 - 5.54)                       |
| Judicial District 4           | *                   | (* - *)                               | 3.23              | (2.25 - 4.62)                       | 3.81              | (2.84 - 5.11)                       |
| Judicial District 5           | 7.95                | (5.71 - 10.98)                        | 2.85              | (1.99 - 4.07)                       | 3.47              | (2.60 - 4.62)                       |
| Judicial District 6           | 8.51                | (6.23 - 11.52)                        | 3.18              | (2.26 - 4.47)                       | 3.92              | (3.00 - 5.11)                       |
| Judicial District 7 (Natrona) | 8.44                | (6.17 - 11.45)                        | 3.61              | (2.60 - 5.01)                       | 4.25              | (3.26 - 5.53)                       |
| Judicial District 8           | 8.84                | (6.38 - 12.12)                        | 2.81              | (1.98 - 3.96)                       | 3.57              | (2.71 - 4.69)                       |
| Judicial District 9           | 8.20                | (5.90 - 11.29)                        | 3.03              | (2.12 - 4.30)                       | 3.65              | (2.75 - 4.82)                       |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: Respondents were asked, "At any time in the past 12 months, did you seriously think about trying to kill yourself?" If they answered "Yes," they were categorized as having serious thoughts of suicide in the past year.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs**

| State/Substate Region      | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Total United States</b> | 12.21               | (11.85 - 12.58)                       | 10.15               | (9.81 - 10.49)                        | 6.08              | (5.89 - 6.27)                       | 6.66              | (6.49 - 6.84)                       |
| <b>Northeast</b>           | 11.73               | (11.07 - 12.42)                       | 11.00               | (10.33 - 11.70)                       | 6.12              | (5.74 - 6.53)                       | 6.80              | (6.46 - 7.17)                       |
| <b>Midwest</b>             | 12.70               | (12.13 - 13.30)                       | 10.51               | (9.98 - 11.05)                        | 6.23              | (5.87 - 6.61)                       | 6.85              | (6.52 - 7.18)                       |
| <b>South</b>               | 11.60               | (11.10 - 12.12)                       | 9.35                | (8.90 - 9.82)                         | 6.02              | (5.71 - 6.35)                       | 6.50              | (6.22 - 6.78)                       |
| <b>West</b>                | 13.06               | (12.39 - 13.77)                       | 10.44               | (9.82 - 11.11)                        | 6.00              | (5.63 - 6.39)                       | 6.65              | (6.32 - 7.00)                       |
| <b>Alabama</b>             | 11.30               | (9.60 - 13.25)                        | 9.41                | (7.88 - 11.20)                        | 6.40              | (5.34 - 7.65)                       | 6.82              | (5.87 - 7.92)                       |
| Region 1                   | 12.44               | (9.96 - 15.42)                        | 9.85                | (7.56 - 12.75)                        | 6.55              | (5.05 - 8.46)                       | 6.98              | (5.60 - 8.66)                       |
| Region 2                   | 11.13               | (8.73 - 14.10)                        | 10.13               | (7.88 - 12.94)                        | 6.63              | (5.11 - 8.57)                       | 7.14              | (5.72 - 8.87)                       |
| Region 3                   | 10.11               | (7.83 - 12.96)                        | 8.35                | (6.34 - 10.93)                        | 5.80              | (4.36 - 7.68)                       | 6.24              | (4.92 - 7.87)                       |
| Region 4                   | 11.02               | (8.57 - 14.05)                        | 8.81                | (6.69 - 11.51)                        | 6.32              | (4.75 - 8.35)                       | 6.64              | (5.19 - 8.47)                       |
| <b>Alaska</b>              | 13.69               | (11.76 - 15.87)                       | 11.80               | (9.96 - 13.92)                        | 6.03              | (5.03 - 7.21)                       | 6.93              | (6.02 - 7.97)                       |
| Anchorage                  | 14.10               | (11.40 - 17.32)                       | 12.14               | (9.78 - 14.98)                        | 6.64              | (5.26 - 8.35)                       | 7.52              | (6.26 - 9.01)                       |
| Northern                   | 12.82               | (10.10 - 16.14)                       | 10.92               | (8.30 - 14.25)                        | 6.15              | (4.65 - 8.09)                       | 7.02              | (5.62 - 8.74)                       |
| South Central              | 13.65               | (10.94 - 16.92)                       | 11.45               | (8.76 - 14.85)                        | 4.99              | (3.77 - 6.59)                       | 5.91              | (4.72 - 7.38)                       |
| Southeast                  | 14.14               | (10.91 - 18.12)                       | 13.70               | (10.34 - 17.93)                       | 6.02              | (4.43 - 8.13)                       | 7.00              | (5.45 - 8.94)                       |
| <b>Arizona</b>             | 12.50               | (10.63 - 14.65)                       | 8.39                | (6.91 - 10.15)                        | 6.09              | (5.07 - 7.30)                       | 6.43              | (5.51 - 7.48)                       |
| Central                    | 12.11               | (9.82 - 14.85)                        | 8.12                | (6.32 - 10.38)                        | 5.76              | (4.57 - 7.23)                       | 6.11              | (5.02 - 7.41)                       |
| North                      | 12.42               | (9.44 - 16.18)                        | 9.17                | (6.77 - 12.31)                        | 5.71              | (4.17 - 7.77)                       | 6.19              | (4.74 - 8.03)                       |
| South                      | 13.44               | (11.00 - 16.32)                       | 8.63                | (6.78 - 10.93)                        | 6.96              | (5.45 - 8.83)                       | 7.20              | (5.85 - 8.84)                       |
| South A                    | 13.96               | (10.81 - 17.83)                       | 9.43                | (7.00 - 12.59)                        | 7.24              | (5.42 - 9.59)                       | 7.56              | (5.90 - 9.62)                       |
| South B                    | 12.91               | (10.07 - 16.40)                       | 7.67                | (5.68 - 10.28)                        | 6.61              | (4.85 - 8.95)                       | 6.77              | (5.17 - 8.81)                       |
| <b>Arkansas</b>            | 12.81               | (11.00 - 14.88)                       | 10.18               | (8.60 - 12.02)                        | 7.62              | (6.45 - 8.98)                       | 7.98              | (6.94 - 9.17)                       |
| Catchment Area 1           | 13.02               | (10.08 - 16.65)                       | 10.16               | (7.63 - 13.42)                        | 7.84              | (5.96 - 10.24)                      | 8.21              | (6.51 - 10.31)                      |
| Catchment Area 2           | 13.25               | (10.21 - 17.03)                       | 11.63               | (8.75 - 15.30)                        | 7.86              | (5.84 - 10.50)                      | 8.32              | (6.44 - 10.70)                      |
| Catchment Area 3           | 12.12               | (9.48 - 15.39)                        | 9.65                | (7.31 - 12.63)                        | 7.26              | (5.53 - 9.48)                       | 7.61              | (6.01 - 9.59)                       |
| Catchment Area 4           | 13.80               | (10.79 - 17.49)                       | 9.71                | (7.33 - 12.75)                        | 7.55              | (5.62 - 10.08)                      | 7.85              | (6.07 - 10.09)                      |
| Catchment Area 5           | 13.12               | (10.26 - 16.62)                       | 10.73               | (8.18 - 13.95)                        | 7.70              | (5.87 - 10.05)                      | 8.19              | (6.51 - 10.26)                      |
| Catchment Area 6           | 11.67               | (8.98 - 15.04)                        | 8.36                | (6.19 - 11.18)                        | 6.44              | (4.78 - 8.63)                       | 6.72              | (5.18 - 8.67)                       |
| Catchment Area 7           | 11.66               | (8.88 - 15.16)                        | *                   | (* - *)                               | 7.13              | (5.20 - 9.70)                       | 7.38              | (5.60 - 9.67)                       |
| Catchment Area 8           | 13.03               | (10.18 - 16.53)                       | 10.67               | (8.00 - 14.09)                        | 8.10              | (6.16 - 10.58)                      | 8.43              | (6.64 - 10.65)                      |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>California</b>           | 12.63               | (11.61 - 13.73)                       | 10.27               | (9.30 - 11.34)                        | 5.36              | (4.83 - 5.94)                       | 6.10              | (5.61 - 6.62)                       |
| Region 1R                   | 14.57               | (11.55 - 18.22)                       | 12.11               | (9.36 - 15.53)                        | 5.74              | (4.39 - 7.48)                       | 6.65              | (5.32 - 8.27)                       |
| Region 2R                   | 14.07               | (11.39 - 17.25)                       | 11.30               | (8.73 - 14.50)                        | 5.86              | (4.47 - 7.64)                       | 6.68              | (5.35 - 8.31)                       |
| Region 3R (Sacramento)      | 13.04               | (10.39 - 16.24)                       | 9.54                | (7.38 - 12.23)                        | 5.23              | (4.04 - 6.74)                       | 5.86              | (4.73 - 7.23)                       |
| Region 4R                   | 13.53               | (10.83 - 16.77)                       | 10.86               | (8.34 - 14.03)                        | 5.08              | (3.91 - 6.58)                       | 5.82              | (4.69 - 7.21)                       |
| Region 5R (San Francisco)   | *                   | (* - *)                               | 13.46               | (10.23 - 17.50)                       | 6.40              | (4.90 - 8.31)                       | 7.09              | (5.64 - 8.89)                       |
| Region 6 (Santa Clara)      | 12.04               | (9.63 - 14.95)                        | 11.56               | (9.03 - 14.68)                        | 4.82              | (3.73 - 6.20)                       | 5.69              | (4.61 - 7.00)                       |
| Region 7R (Contra Costa)    | 11.99               | (9.49 - 15.04)                        | 11.35               | (8.78 - 14.55)                        | 5.15              | (3.92 - 6.72)                       | 5.96              | (4.78 - 7.42)                       |
| Region 8R (Alameda)         | 13.23               | (10.40 - 16.69)                       | 14.18               | (10.99 - 18.10)                       | 5.89              | (4.55 - 7.61)                       | 6.99              | (5.64 - 8.64)                       |
| Region 9R (San Mateo)       | 11.94               | (9.42 - 15.02)                        | 12.26               | (9.41 - 15.82)                        | 4.80              | (3.61 - 6.35)                       | 5.63              | (4.45 - 7.10)                       |
| Region 10                   | 13.23               | (10.56 - 16.44)                       | 10.32               | (7.97 - 13.26)                        | 5.80              | (4.39 - 7.62)                       | 6.54              | (5.21 - 8.18)                       |
| Region 11 (Los Angeles)     | 11.74               | (10.47 - 13.15)                       | 10.20               | (8.98 - 11.57)                        | 5.19              | (4.53 - 5.94)                       | 5.95              | (5.33 - 6.63)                       |
| LA SPA 1 and 5              | 12.09               | (9.53 - 15.23)                        | 11.76               | (9.17 - 14.98)                        | 5.87              | (4.47 - 7.67)                       | 6.76              | (5.42 - 8.39)                       |
| LA SPA 2                    | 12.17               | (9.85 - 14.95)                        | 10.57               | (8.34 - 13.32)                        | 5.52              | (4.27 - 7.10)                       | 6.22              | (5.03 - 7.67)                       |
| LA SPA 3                    | 11.78               | (9.34 - 14.76)                        | 9.90                | (7.66 - 12.71)                        | 4.43              | (3.37 - 5.81)                       | 5.24              | (4.19 - 6.52)                       |
| LA SPA 4                    | 11.88               | (9.26 - 15.13)                        | 10.27               | (7.91 - 13.24)                        | 6.29              | (4.76 - 8.27)                       | 6.82              | (5.39 - 8.59)                       |
| LA SPA 6                    | 11.10               | (8.72 - 14.03)                        | 9.95                | (7.57 - 12.97)                        | 4.58              | (3.45 - 6.04)                       | 5.65              | (4.51 - 7.05)                       |
| LA SPA 7                    | 11.30               | (8.96 - 14.16)                        | 9.38                | (7.18 - 12.16)                        | 4.47              | (3.37 - 5.90)                       | 5.28              | (4.22 - 6.60)                       |
| LA SPA 8                    | 11.74               | (9.28 - 14.74)                        | 9.82                | (7.58 - 12.64)                        | 5.19              | (4.01 - 6.69)                       | 5.85              | (4.71 - 7.25)                       |
| Region 12R                  | 13.85               | (10.97 - 17.35)                       | 9.14                | (6.94 - 11.95)                        | 5.44              | (4.11 - 7.16)                       | 6.01              | (4.75 - 7.57)                       |
| Regions 13 and 19R          | 14.28               | (11.59 - 17.48)                       | 8.82                | (6.89 - 11.22)                        | 5.81              | (4.54 - 7.41)                       | 6.31              | (5.13 - 7.74)                       |
| Region 14 (Orange)          | 12.41               | (10.02 - 15.28)                       | 11.42               | (9.02 - 14.34)                        | 5.22              | (4.08 - 6.65)                       | 6.11              | (5.02 - 7.43)                       |
| Region 15R (Fresno)         | 12.88               | (10.16 - 16.20)                       | 8.33                | (6.35 - 10.86)                        | 5.29              | (4.00 - 6.96)                       | 5.83              | (4.64 - 7.30)                       |
| Region 16R (San Diego)      | 12.31               | (10.05 - 14.99)                       | 10.27               | (8.14 - 12.87)                        | 5.39              | (4.31 - 6.72)                       | 6.15              | (5.11 - 7.38)                       |
| Region 17R                  | 11.84               | (9.51 - 14.64)                        | 7.92                | (6.10 - 10.22)                        | 4.90              | (3.76 - 6.36)                       | 5.43              | (4.37 - 6.72)                       |
| Region 18R (San Bernardino) | 13.18               | (10.68 - 16.16)                       | 8.43                | (6.51 - 10.84)                        | 5.56              | (4.32 - 7.14)                       | 6.06              | (4.90 - 7.46)                       |
| Region 20R                  | 12.86               | (10.19 - 16.09)                       | 8.42                | (6.41 - 11.01)                        | 5.58              | (4.24 - 7.29)                       | 6.06              | (4.81 - 7.59)                       |
| Region 21R                  | 12.57               | (10.00 - 15.70)                       | 10.26               | (7.83 - 13.33)                        | 5.33              | (4.08 - 6.95)                       | 6.15              | (4.94 - 7.64)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Colorado</b>                           | 14.09               | (12.24 - 16.17)                       | 11.46               | (9.70 - 13.48)                        | 6.83              | (5.78 - 8.06)                       | 7.50              | (6.54 - 8.58)                       |
| Region 1                                  | 14.39               | (11.26 - 18.21)                       | 11.49               | (8.70 - 15.01)                        | 6.66              | (5.02 - 8.77)                       | 7.35              | (5.80 - 9.27)                       |
| Region 2                                  | 14.54               | (11.27 - 18.56)                       | 10.80               | (8.01 - 14.42)                        | 7.10              | (5.21 - 9.62)                       | 7.67              | (5.90 - 9.93)                       |
| Region 3                                  | 14.30               | (11.51 - 17.64)                       | 11.77               | (9.22 - 14.92)                        | 7.01              | (5.40 - 9.05)                       | 7.67              | (6.18 - 9.47)                       |
| Region 4                                  | 15.48               | (11.89 - 19.91)                       | 10.48               | (7.80 - 13.94)                        | 6.31              | (4.60 - 8.59)                       | 6.88              | (5.29 - 8.91)                       |
| Region 5                                  | 12.29               | (9.50 - 15.76)                        | 11.86               | (9.05 - 15.40)                        | 7.00              | (5.29 - 9.20)                       | 7.65              | (6.05 - 9.64)                       |
| Region 6                                  | 13.82               | (10.90 - 17.35)                       | 13.18               | (10.06 - 17.08)                       | 6.63              | (5.05 - 8.68)                       | 7.56              | (6.04 - 9.42)                       |
| Region 7                                  | 14.03               | (11.07 - 17.63)                       | 9.40                | (7.01 - 12.51)                        | 6.93              | (5.20 - 9.20)                       | 7.33              | (5.74 - 9.32)                       |
| <b>Connecticut</b>                        | 11.38               | (9.61 - 13.42)                        | 11.20               | (9.41 - 13.29)                        | 5.90              | (4.88 - 7.11)                       | 6.64              | (5.69 - 7.74)                       |
| Eastern                                   | 12.64               | (9.71 - 16.29)                        | 12.16               | (9.22 - 15.86)                        | 6.42              | (4.79 - 8.56)                       | 7.42              | (5.86 - 9.36)                       |
| North Central                             | 10.90               | (8.50 - 13.89)                        | 10.83               | (8.31 - 13.99)                        | 5.88              | (4.47 - 7.71)                       | 6.54              | (5.20 - 8.20)                       |
| Northwestern                              | 11.78               | (9.17 - 15.01)                        | 11.39               | (8.60 - 14.93)                        | 5.90              | (4.39 - 7.89)                       | 6.59              | (5.14 - 8.42)                       |
| South Central                             | 11.99               | (9.33 - 15.29)                        | 12.45               | (9.58 - 16.04)                        | 6.28              | (4.69 - 8.37)                       | 7.16              | (5.64 - 9.04)                       |
| Southwest                                 | 10.38               | (7.92 - 13.49)                        | 9.17                | (6.95 - 12.02)                        | 5.13              | (3.75 - 6.98)                       | 5.67              | (4.36 - 7.34)                       |
| <b>Delaware</b>                           | 11.22               | (9.55 - 13.14)                        | 10.29               | (8.66 - 12.19)                        | 6.04              | (5.02 - 7.26)                       | 6.62              | (5.68 - 7.70)                       |
| Kent                                      | 11.60               | (9.11 - 14.66)                        | 7.83                | (5.83 - 10.46)                        | 5.78              | (4.27 - 7.78)                       | 6.09              | (4.71 - 7.84)                       |
| New Castle (excluding<br>Wilmington City) | 11.13               | (9.00 - 13.69)                        | 11.55               | (9.34 - 14.19)                        | 6.38              | (5.04 - 8.04)                       | 7.13              | (5.88 - 8.61)                       |
| Sussex                                    | 11.76               | (9.20 - 14.92)                        | 10.12               | (7.66 - 13.27)                        | 5.55              | (4.11 - 7.45)                       | 6.01              | (4.65 - 7.75)                       |
| Wilmington City                           | 9.60                | (7.22 - 12.65)                        | 8.28                | (6.10 - 11.13)                        | 5.96              | (4.38 - 8.06)                       | 6.28              | (4.80 - 8.17)                       |
| <b>District of Columbia</b>               | 9.52                | (8.02 - 11.26)                        | 11.84               | (9.94 - 14.05)                        | 6.16              | (5.23 - 7.25)                       | 7.14              | (6.27 - 8.12)                       |
| Ward 1                                    | *                   | (* - *)                               | 10.86               | (8.18 - 14.28)                        | 6.70              | (5.09 - 8.78)                       | 7.45              | (5.96 - 9.29)                       |
| Ward 2                                    | *                   | (* - *)                               | 15.72               | (12.06 - 20.23)                       | 8.01              | (6.16 - 10.37)                      | 10.03             | (8.18 - 12.23)                      |
| Ward 3                                    | 11.95               | (9.21 - 15.37)                        | 14.93               | (11.37 - 19.35)                       | 7.10              | (5.37 - 9.32)                       | 8.39              | (6.72 - 10.43)                      |
| Ward 4                                    | 9.74                | (7.41 - 12.71)                        | 10.32               | (7.63 - 13.81)                        | 5.16              | (3.81 - 6.96)                       | 5.74              | (4.43 - 7.41)                       |
| Ward 5                                    | 9.16                | (6.93 - 12.01)                        | 11.26               | (8.30 - 15.09)                        | 4.91              | (3.61 - 6.66)                       | 5.98              | (4.67 - 7.63)                       |
| Ward 6                                    | 8.85                | (6.60 - 11.78)                        | 11.71               | (8.94 - 15.21)                        | 7.29              | (5.61 - 9.42)                       | 7.84              | (6.25 - 9.78)                       |
| Ward 7                                    | 8.66                | (6.54 - 11.37)                        | 7.88                | (5.81 - 10.61)                        | 4.54              | (3.35 - 6.12)                       | 5.09              | (3.97 - 6.50)                       |
| Ward 8                                    | 8.73                | (6.68 - 11.32)                        | 8.38                | (6.23 - 11.19)                        | 5.23              | (3.89 - 6.99)                       | 5.84              | (4.60 - 7.39)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                                   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Florida</b>                                                          | 11.94               | (10.81 - 13.17)                       | 9.72                | (8.69 - 10.86)                        | 5.45              | (4.79 - 6.18)                       | 5.98              | (5.39 - 6.64)                       |
| Broward (Circuit 17)                                                    | 11.14               | (8.92 - 13.84)                        | 9.87                | (7.75 - 12.49)                        | 4.96              | (3.75 - 6.54)                       | 5.55              | (4.40 - 6.99)                       |
| Central I                                                               | 12.88               | (10.98 - 15.05)                       | 9.26                | (7.68 - 11.12)                        | 5.72              | (4.68 - 6.97)                       | 6.22              | (5.25 - 7.36)                       |
| Circuit 9                                                               | 12.62               | (10.32 - 15.36)                       | 8.79                | (6.90 - 11.14)                        | 5.70              | (4.45 - 7.27)                       | 6.18              | (5.03 - 7.58)                       |
| Circuit 18                                                              | 13.29               | (10.71 - 16.38)                       | 10.15               | (7.87 - 13.00)                        | 5.75              | (4.35 - 7.56)                       | 6.28              | (4.95 - 7.94)                       |
| Central II                                                              | 11.70               | (10.25 - 13.33)                       | 10.05               | (8.65 - 11.64)                        | 5.53              | (4.69 - 6.51)                       | 6.04              | (5.25 - 6.93)                       |
| Circuit 6                                                               | 11.95               | (9.61 - 14.78)                        | 10.13               | (7.83 - 13.00)                        | 5.59              | (4.24 - 7.33)                       | 6.04              | (4.76 - 7.64)                       |
| Circuit 10                                                              | 11.92               | (9.47 - 14.91)                        | 8.60                | (6.64 - 11.06)                        | 5.31              | (3.97 - 7.08)                       | 5.72              | (4.46 - 7.31)                       |
| Circuit 12                                                              | 11.78               | (9.25 - 14.90)                        | 10.01               | (7.64 - 13.00)                        | 5.24              | (3.86 - 7.09)                       | 5.69              | (4.36 - 7.39)                       |
| Circuit 13 (Hillsborough)                                               | 11.25               | (8.98 - 14.00)                        | 10.61               | (8.31 - 13.46)                        | 6.25              | (4.84 - 8.04)                       | 6.86              | (5.53 - 8.48)                       |
| Circuit 20                                                              | 11.80               | (9.19 - 15.04)                        | 10.25               | (7.75 - 13.45)                        | 5.08              | (3.73 - 6.88)                       | 5.60              | (4.30 - 7.25)                       |
| Northeast                                                               | 12.89               | (11.17 - 14.84)                       | 9.93                | (8.45 - 11.64)                        | 5.67              | (4.74 - 6.77)                       | 6.21              | (5.35 - 7.19)                       |
| Circuit 4                                                               | 11.57               | (9.18 - 14.48)                        | 9.01                | (7.00 - 11.53)                        | 6.10              | (4.64 - 7.99)                       | 6.50              | (5.16 - 8.17)                       |
| Circuit 5                                                               | 13.73               | (10.86 - 17.22)                       | 10.56               | (8.11 - 13.65)                        | 5.13              | (3.84 - 6.84)                       | 5.64              | (4.38 - 7.23)                       |
| Circuit 7                                                               | 13.96               | (11.07 - 17.45)                       | 10.59               | (8.13 - 13.68)                        | 5.54              | (4.14 - 7.38)                       | 6.12              | (4.78 - 7.80)                       |
| Circuit 8 plus Columbia,<br>Dixie, Hamilton, Lafayette,<br>and Suwannee | 12.76               | (10.03 - 16.10)                       | 10.02               | (7.63 - 13.04)                        | 6.15              | (4.66 - 8.08)                       | 6.91              | (5.52 - 8.61)                       |
| Northwest                                                               | 13.39               | (11.34 - 15.74)                       | 9.78                | (8.20 - 11.62)                        | 6.29              | (5.15 - 7.65)                       | 6.84              | (5.82 - 8.04)                       |
| Circuit 1                                                               | 14.41               | (11.51 - 17.90)                       | 9.20                | (7.13 - 11.78)                        | 6.44              | (4.87 - 8.47)                       | 6.83              | (5.38 - 8.62)                       |
| Circuit 2 plus Madison and<br>Taylor                                    | 11.37               | (8.87 - 14.46)                        | 9.81                | (7.58 - 12.60)                        | 5.94              | (4.44 - 7.92)                       | 6.76              | (5.39 - 8.46)                       |
| Circuit 14                                                              | *                   | (* - *)                               | 11.25               | (8.58 - 14.62)                        | 6.40              | (4.73 - 8.60)                       | 7.00              | (5.42 - 9.01)                       |
| South (Circuits 11 and 16)                                              | 10.06               | (8.15 - 12.37)                        | 9.41                | (7.51 - 11.72)                        | 4.73              | (3.69 - 6.04)                       | 5.33              | (4.35 - 6.50)                       |
| Southeast                                                               | 11.84               | (9.90 - 14.10)                        | 9.41                | (7.69 - 11.46)                        | 5.31              | (4.23 - 6.63)                       | 5.75              | (4.74 - 6.96)                       |
| Circuit 15 (Palm Beach)                                                 | 11.63               | (9.33 - 14.42)                        | 9.15                | (7.13 - 11.68)                        | 5.01              | (3.79 - 6.60)                       | 5.47              | (4.31 - 6.92)                       |
| Circuit 19                                                              | 12.27               | (9.69 - 15.41)                        | 9.99                | (7.55 - 13.11)                        | 5.95              | (4.41 - 7.98)                       | 6.38              | (4.90 - 8.26)                       |
| <b>Georgia</b>                                                          | 10.14               | (8.74 - 11.73)                        | 8.94                | (7.63 - 10.44)                        | 6.08              | (5.20 - 7.11)                       | 6.51              | (5.72 - 7.39)                       |
| Region 1                                                                | 10.63               | (8.49 - 13.23)                        | 9.49                | (7.34 - 12.19)                        | 6.02              | (4.69 - 7.70)                       | 6.48              | (5.25 - 7.97)                       |
| Region 2                                                                | 10.70               | (8.38 - 13.56)                        | 9.38                | (7.24 - 12.07)                        | 6.77              | (5.18 - 8.81)                       | 7.20              | (5.75 - 8.98)                       |
| Region 3                                                                | 9.49                | (7.58 - 11.83)                        | 9.15                | (7.25 - 11.48)                        | 5.67              | (4.42 - 7.25)                       | 6.17              | (5.03 - 7.55)                       |
| Region 4                                                                | 10.07               | (7.73 - 13.01)                        | 7.56                | (5.53 - 10.26)                        | 6.38              | (4.76 - 8.50)                       | 6.57              | (5.09 - 8.44)                       |
| Region 5                                                                | 10.31               | (8.00 - 13.19)                        | 8.33                | (6.39 - 10.79)                        | 6.36              | (4.76 - 8.45)                       | 6.68              | (5.25 - 8.47)                       |
| Region 6                                                                | 9.97                | (7.79 - 12.67)                        | 8.35                | (6.30 - 11.01)                        | 6.14              | (4.66 - 8.03)                       | 6.47              | (5.12 - 8.15)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region           | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Hawaii</b>                   | 10.21               | (8.54 - 12.16)                        | 8.71                | (7.10 - 10.65)                        | 4.86              | (3.95 - 5.97)                       | 5.36              | (4.52 - 6.36)                       |
| Hawaii Island                   | 10.81               | (8.29 - 13.98)                        | 8.32                | (6.11 - 11.24)                        | 5.05              | (3.71 - 6.83)                       | 5.45              | (4.19 - 7.06)                       |
| Honolulu                        | 10.01               | (8.11 - 12.30)                        | 8.70                | (6.87 - 10.97)                        | 4.80              | (3.76 - 6.12)                       | 5.33              | (4.35 - 6.51)                       |
| Kauai                           | 11.15               | (8.34 - 14.74)                        | 9.25                | (6.67 - 12.71)                        | 5.12              | (3.66 - 7.11)                       | 5.58              | (4.17 - 7.43)                       |
| Maui                            | 10.24               | (7.75 - 13.41)                        | 9.05                | (6.62 - 12.26)                        | 4.91              | (3.55 - 6.76)                       | 5.39              | (4.09 - 7.07)                       |
| <b>Idaho</b>                    | 14.82               | (12.80 - 17.10)                       | 10.68               | (9.03 - 12.59)                        | 6.85              | (5.81 - 8.06)                       | 7.40              | (6.46 - 8.46)                       |
| Region 1                        | 14.28               | (11.18 - 18.08)                       | 10.87               | (8.17 - 14.31)                        | 6.37              | (4.83 - 8.36)                       | 6.90              | (5.44 - 8.73)                       |
| Region 2                        | *                   | (* - *)                               | 11.60               | (8.67 - 15.37)                        | 6.69              | (4.93 - 9.03)                       | 7.55              | (5.89 - 9.62)                       |
| Region 3                        | 14.58               | (11.54 - 18.24)                       | 10.12               | (7.73 - 13.14)                        | 6.71              | (5.10 - 8.78)                       | 7.20              | (5.69 - 9.06)                       |
| Region 4                        | 16.39               | (13.14 - 20.26)                       | 11.94               | (9.32 - 15.17)                        | 7.41              | (5.81 - 9.42)                       | 8.01              | (6.51 - 9.81)                       |
| Region 5                        | 14.05               | (10.99 - 17.78)                       | 9.26                | (6.95 - 12.23)                        | 6.62              | (5.01 - 8.71)                       | 6.99              | (5.50 - 8.83)                       |
| Region 6                        | 14.31               | (11.05 - 18.34)                       | *                   | (* - *)                               | 6.92              | (5.17 - 9.21)                       | 7.40              | (5.78 - 9.42)                       |
| Region 7                        | 13.83               | (10.81 - 17.53)                       | 9.95                | (7.50 - 13.08)                        | 6.54              | (4.93 - 8.63)                       | 7.17              | (5.70 - 8.99)                       |
| <b>Illinois</b>                 | 11.61               | (10.35 - 13.01)                       | 9.43                | (8.29 - 10.72)                        | 5.25              | (4.60 - 5.98)                       | 5.84              | (5.24 - 6.50)                       |
| Region 1 (Cook)                 | 10.46               | (8.98 - 12.15)                        | 9.44                | (8.03 - 11.06)                        | 4.93              | (4.18 - 5.80)                       | 5.55              | (4.85 - 6.35)                       |
| Region 1.1 (Far North Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 5.55              | (4.15 - 7.38)                       | 6.16              | (4.80 - 7.87)                       |
| Region 1.2 (Northwest Side)     | *                   | (* - *)                               | *                   | (* - *)                               | 5.51              | (4.03 - 7.48)                       | 6.03              | (4.64 - 7.81)                       |
| Region 1.3 (North Central Side) | *                   | (* - *)                               | *                   | (* - *)                               | 6.87              | (5.19 - 9.03)                       | 7.56              | (5.95 - 9.56)                       |
| Region 1.4 (West Side)          | 10.46               | (8.01 - 13.55)                        | 8.66                | (6.57 - 11.32)                        | 5.19              | (3.86 - 6.93)                       | 5.76              | (4.51 - 7.32)                       |
| Region 1.5 (South Side)         | 10.01               | (7.68 - 12.95)                        | 9.14                | (6.86 - 12.08)                        | 4.37              | (3.23 - 5.90)                       | 5.10              | (3.98 - 6.50)                       |
| Region 1.6 (Southwest Side)     | 10.06               | (7.70 - 13.04)                        | 7.85                | (5.87 - 10.42)                        | 4.58              | (3.34 - 6.27)                       | 5.13              | (3.96 - 6.62)                       |
| Region 1.7 (Suburban Cook)      | 10.32               | (8.27 - 12.81)                        | 9.26                | (7.28 - 11.71)                        | 4.49              | (3.50 - 5.75)                       | 5.11              | (4.15 - 6.26)                       |
| Region 2                        | 12.31               | (10.64 - 14.20)                       | 9.18                | (7.72 - 10.88)                        | 5.05              | (4.26 - 5.99)                       | 5.64              | (4.90 - 6.48)                       |
| Region 2a (DuPage)              | 11.75               | (9.36 - 14.64)                        | 10.62               | (8.13 - 13.75)                        | 5.18              | (3.95 - 6.78)                       | 5.91              | (4.71 - 7.39)                       |
| Region 2b                       | 12.04               | (9.86 - 14.62)                        | 8.50                | (6.69 - 10.75)                        | 4.68              | (3.69 - 5.93)                       | 5.24              | (4.30 - 6.36)                       |
| Region 2c (Winnebago)           | *                   | (* - *)                               | *                   | (* - *)                               | 5.92              | (4.36 - 8.00)                       | 6.43              | (4.94 - 8.33)                       |
| Region 2d                       | 13.87               | (10.91 - 17.48)                       | 9.28                | (7.06 - 12.10)                        | 5.69              | (4.33 - 7.45)                       | 6.23              | (4.96 - 7.80)                       |
| Region 3                        | 11.77               | (9.54 - 14.44)                        | 9.43                | (7.60 - 11.65)                        | 6.37              | (5.01 - 8.07)                       | 6.87              | (5.64 - 8.35)                       |
| Region 3a (Champaign)           | *                   | (* - *)                               | 9.78                | (7.48 - 12.69)                        | 5.99              | (4.45 - 8.01)                       | 7.05              | (5.63 - 8.80)                       |
| Region 3b                       | 11.79               | (9.37 - 14.74)                        | 9.31                | (7.17 - 12.02)                        | 6.43              | (4.94 - 8.32)                       | 6.84              | (5.49 - 8.51)                       |
| Region 4                        | 13.26               | (10.85 - 16.11)                       | 10.21               | (8.06 - 12.86)                        | 5.80              | (4.60 - 7.29)                       | 6.40              | (5.27 - 7.75)                       |
| Region 4a (Sangamon)            | *                   | (* - *)                               | *                   | (* - *)                               | 5.69              | (4.18 - 7.70)                       | 6.23              | (4.78 - 8.07)                       |
| Region 4b                       | 13.57               | (10.74 - 17.01)                       | 10.27               | (7.81 - 13.39)                        | 5.83              | (4.47 - 7.58)                       | 6.45              | (5.16 - 8.03)                       |
| Region 5                        | 12.35               | (10.21 - 14.87)                       | 9.72                | (7.87 - 11.95)                        | 5.53              | (4.46 - 6.83)                       | 6.10              | (5.08 - 7.31)                       |
| Region 5a                       | 12.53               | (9.82 - 15.86)                        | 9.35                | (7.11 - 12.20)                        | 5.82              | (4.38 - 7.70)                       | 6.30              | (4.93 - 8.01)                       |
| Region 5b                       | 12.19               | (9.52 - 15.48)                        | 10.01               | (7.62 - 13.04)                        | 5.29              | (4.01 - 6.94)                       | 5.94              | (4.72 - 7.45)                       |

See notes at end of table.

(continued)



**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Indiana</b>                              | 14.11               | (12.13 - 16.35)                       | 11.37               | (9.69 - 13.31)                        | 6.93              | (5.81 - 8.24)                       | 7.59              | (6.60 - 8.72)                       |
| Central                                     | 13.97               | (11.16 - 17.36)                       | 11.93               | (9.33 - 15.12)                        | 7.05              | (5.45 - 9.07)                       | 7.73              | (6.24 - 9.53)                       |
| East                                        | 13.36               | (10.31 - 17.15)                       | 11.67               | (8.78 - 15.34)                        | 6.48              | (4.79 - 8.71)                       | 7.31              | (5.72 - 9.29)                       |
| North Central                               | 14.72               | (11.48 - 18.68)                       | 10.36               | (7.82 - 13.59)                        | 6.65              | (4.95 - 8.89)                       | 7.19              | (5.63 - 9.14)                       |
| Northeast                                   | 13.77               | (10.62 - 17.66)                       | 10.69               | (8.00 - 14.13)                        | 7.04              | (5.29 - 9.31)                       | 7.56              | (5.93 - 9.60)                       |
| Northwest                                   | 13.39               | (10.44 - 17.01)                       | 10.09               | (7.55 - 13.36)                        | 6.60              | (4.83 - 8.96)                       | 7.09              | (5.45 - 9.18)                       |
| Southeast                                   | 14.34               | (11.30 - 18.02)                       | 12.91               | (9.91 - 16.65)                        | 6.94              | (5.11 - 9.37)                       | 7.69              | (5.94 - 9.89)                       |
| Southwest                                   | *                   | (* - *)                               | 12.23               | (9.20 - 16.09)                        | 7.09              | (5.20 - 9.60)                       | 7.80              | (6.01 - 10.06)                      |
| West                                        | *                   | (* - *)                               | 11.23               | (8.48 - 14.73)                        | 7.45              | (5.54 - 9.94)                       | 8.28              | (6.56 - 10.40)                      |
| <b>Iowa</b>                                 | 12.94               | (11.19 - 14.90)                       | 10.10               | (8.57 - 11.87)                        | 6.12              | (5.14 - 7.27)                       | 6.72              | (5.85 - 7.72)                       |
| Central                                     | 13.18               | (10.38 - 16.59)                       | 10.49               | (7.97 - 13.69)                        | 6.12              | (4.63 - 8.06)                       | 6.75              | (5.34 - 8.49)                       |
| North Central                               | 13.55               | (10.59 - 17.17)                       | 10.38               | (7.81 - 13.67)                        | 6.12              | (4.57 - 8.15)                       | 6.93              | (5.48 - 8.73)                       |
| Northeast                                   | 12.59               | (9.94 - 15.83)                        | 10.67               | (8.29 - 13.65)                        | 6.47              | (4.88 - 8.52)                       | 7.10              | (5.66 - 8.88)                       |
| Northwest                                   | 12.39               | (9.70 - 15.69)                        | 8.22                | (6.13 - 10.94)                        | 5.13              | (3.79 - 6.92)                       | 5.56              | (4.31 - 7.15)                       |
| Southeast                                   | 13.31               | (10.54 - 16.67)                       | 10.37               | (7.98 - 13.38)                        | 6.43              | (4.93 - 8.33)                       | 7.06              | (5.67 - 8.75)                       |
| Southwest                                   | 12.76               | (9.76 - 16.51)                        | 9.54                | (7.13 - 12.64)                        | 6.14              | (4.56 - 8.22)                       | 6.57              | (5.10 - 8.43)                       |
| <b>Kansas</b>                               | 12.02               | (10.23 - 14.07)                       | 9.92                | (8.34 - 11.77)                        | 6.77              | (5.69 - 8.04)                       | 7.25              | (6.30 - 8.35)                       |
| Northeast                                   | 11.14               | (8.96 - 13.78)                        | 10.41               | (8.35 - 12.91)                        | 7.01              | (5.58 - 8.77)                       | 7.56              | (6.27 - 9.09)                       |
| Northwest and North Central                 | 12.47               | (9.49 - 16.22)                        | *                   | (* - *)                               | 6.30              | (4.57 - 8.63)                       | 6.79              | (5.18 - 8.85)                       |
| South Central                               | 13.18               | (10.47 - 16.46)                       | 9.56                | (7.35 - 12.34)                        | 6.65              | (5.12 - 8.59)                       | 7.07              | (5.67 - 8.79)                       |
| Southeast                                   | 12.72               | (9.70 - 16.50)                        | *                   | (* - *)                               | 6.86              | (5.01 - 9.32)                       | 7.24              | (5.54 - 9.40)                       |
| Southwest                                   | 12.13               | (9.35 - 15.60)                        | 7.73                | (5.63 - 10.54)                        | 5.87              | (4.25 - 8.04)                       | 6.16              | (4.68 - 8.06)                       |
| <b>Kentucky</b>                             | 11.10               | (9.45 - 13.01)                        | 10.65               | (9.00 - 12.57)                        | 6.87              | (5.77 - 8.16)                       | 7.40              | (6.41 - 8.54)                       |
| Adanta, Cumberland River,<br>and Lifeskills | 10.27               | (7.90 - 13.24)                        | 10.97               | (8.26 - 14.41)                        | 7.20              | (5.42 - 9.50)                       | 7.74              | (6.09 - 9.80)                       |
| Bluegrass, Comprehend, and<br>North Key     | 11.02               | (8.65 - 13.93)                        | 11.10               | (8.75 - 13.99)                        | 6.57              | (5.04 - 8.53)                       | 7.25              | (5.84 - 8.96)                       |
| Centerstone                                 | 11.51               | (9.12 - 14.43)                        | 10.25               | (7.81 - 13.35)                        | 6.76              | (5.18 - 8.79)                       | 7.23              | (5.76 - 9.04)                       |
| Communicare and River Valley                | 10.99               | (8.23 - 14.53)                        | 9.23                | (6.90 - 12.24)                        | 6.52              | (4.75 - 8.89)                       | 6.90              | (5.25 - 9.01)                       |
| Four Rivers and Pennyroyal                  | 11.46               | (8.75 - 14.86)                        | 9.90                | (7.43 - 13.08)                        | 6.89              | (5.09 - 9.27)                       | 7.33              | (5.67 - 9.43)                       |
| Kentucky River, Mountain,<br>and Pathways   | 11.60               | (8.94 - 14.93)                        | 11.81               | (8.88 - 15.53)                        | 7.66              | (5.66 - 10.30)                      | 8.21              | (6.32 - 10.60)                      |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Louisiana</b>      | 10.49               | (8.80 - 12.46)                        | 7.49                | (6.09 - 9.17)                         | 6.36              | (5.30 - 7.61)                       | 6.52              | (5.58 - 7.61)                       |
| Regions 1 and 10      | 10.03               | (7.94 - 12.59)                        | 8.40                | (6.47 - 10.84)                        | 6.87              | (5.36 - 8.77)                       | 7.08              | (5.70 - 8.77)                       |
| Region 1              | 9.44                | (6.98 - 12.64)                        | 8.13                | (5.90 - 11.09)                        | 6.46              | (4.74 - 8.75)                       | 6.71              | (5.14 - 8.72)                       |
| Region 10 (Jefferson) | 10.64               | (8.01 - 14.00)                        | 8.79                | (6.43 - 11.90)                        | 7.31              | (5.33 - 9.94)                       | 7.49              | (5.66 - 9.85)                       |
| Regions 2 and 9       | 10.53               | (8.12 - 13.53)                        | 8.06                | (6.04 - 10.67)                        | 5.71              | (4.34 - 7.47)                       | 6.06              | (4.81 - 7.62)                       |
| Region 3              | 10.42               | (7.84 - 13.73)                        | 7.31                | (5.31 - 9.98)                         | 5.90              | (4.30 - 8.06)                       | 6.10              | (4.63 - 8.00)                       |
| Regions 4, 5, and 6   | 11.07               | (8.64 - 14.09)                        | 6.98                | (5.07 - 9.53)                         | 6.93              | (5.25 - 9.10)                       | 6.94              | (5.42 - 8.83)                       |
| Regions 7 and 8       | 10.09               | (7.68 - 13.14)                        | 6.59                | (4.85 - 8.90)                         | 6.16              | (4.62 - 8.18)                       | 6.23              | (4.84 - 7.97)                       |
| <b>Maine</b>          | 12.96               | (11.21 - 14.93)                       | 12.50               | (10.67 - 14.59)                       | 6.77              | (5.67 - 8.05)                       | 7.45              | (6.45 - 8.60)                       |
| Aroostook/Downeast    | 13.41               | (10.85 - 16.46)                       | 11.74               | (9.30 - 14.71)                        | 6.86              | (5.30 - 8.84)                       | 7.39              | (5.93 - 9.19)                       |
| Aroostook             | 13.62               | (10.47 - 17.54)                       | 12.19               | (9.13 - 16.08)                        | 6.59              | (4.85 - 8.90)                       | 7.23              | (5.56 - 9.34)                       |
| Downeast              | *                   | (* - *)                               | 11.35               | (8.49 - 15.02)                        | 7.08              | (5.09 - 9.76)                       | 7.53              | (5.66 - 9.95)                       |
| Central               | 13.60               | (10.58 - 17.33)                       | 13.26               | (10.12 - 17.19)                       | 7.27              | (5.39 - 9.73)                       | 7.96              | (6.18 - 10.20)                      |
| Cumberland            | 13.09               | (10.42 - 16.33)                       | 13.50               | (10.49 - 17.22)                       | 6.50              | (4.94 - 8.51)                       | 7.36              | (5.87 - 9.19)                       |
| Midcoast              | 12.87               | (9.95 - 16.48)                        | 12.11               | (9.15 - 15.84)                        | 6.85              | (5.06 - 9.22)                       | 7.38              | (5.66 - 9.56)                       |
| Penquis               | 12.63               | (9.84 - 16.08)                        | 11.80               | (9.03 - 15.27)                        | 7.00              | (5.22 - 9.32)                       | 7.69              | (6.05 - 9.73)                       |
| Western               | 12.69               | (9.96 - 16.05)                        | 12.32               | (9.40 - 15.98)                        | 6.75              | (5.00 - 9.06)                       | 7.44              | (5.77 - 9.55)                       |
| York                  | 12.45               | (9.69 - 15.87)                        | 12.07               | (9.26 - 15.57)                        | 6.39              | (4.70 - 8.63)                       | 7.03              | (5.43 - 9.06)                       |
| <b>Maryland</b>       | 11.86               | (10.13 - 13.84)                       | 11.29               | (9.59 - 13.23)                        | 5.65              | (4.75 - 6.72)                       | 6.42              | (5.59 - 7.36)                       |
| Anne Arundel          | 12.55               | (9.60 - 16.25)                        | 13.87               | (10.48 - 18.13)                       | 6.31              | (4.70 - 8.43)                       | 7.29              | (5.72 - 9.25)                       |
| Baltimore City        | 9.20                | (6.94 - 12.12)                        | 9.55                | (7.19 - 12.58)                        | 5.48              | (4.08 - 7.32)                       | 6.12              | (4.80 - 7.77)                       |
| Baltimore County      | 11.74               | (9.01 - 15.17)                        | 11.44               | (8.55 - 15.14)                        | 5.82              | (4.27 - 7.88)                       | 6.58              | (5.10 - 8.44)                       |
| Montgomery            | 12.11               | (9.42 - 15.45)                        | 12.03               | (9.15 - 15.67)                        | 5.33              | (4.02 - 7.03)                       | 6.10              | (4.83 - 7.68)                       |
| North Central         | 12.43               | (9.59 - 15.95)                        | 12.12               | (9.24 - 15.75)                        | 5.70              | (4.18 - 7.72)                       | 6.52              | (5.07 - 8.37)                       |
| Northeast             | 13.57               | (10.47 - 17.42)                       | 12.45               | (9.24 - 16.58)                        | 5.94              | (4.36 - 8.06)                       | 6.77              | (5.24 - 8.70)                       |
| Prince George's       | 9.99                | (7.53 - 13.13)                        | 8.99                | (6.82 - 11.77)                        | 4.70              | (3.45 - 6.36)                       | 5.36              | (4.20 - 6.82)                       |
| South                 | 12.56               | (9.67 - 16.16)                        | 10.62               | (7.97 - 14.02)                        | 6.14              | (4.58 - 8.18)                       | 6.80              | (5.33 - 8.64)                       |
| West                  | 13.36               | (10.38 - 17.03)                       | 13.11               | (9.93 - 17.11)                        | 6.26              | (4.64 - 8.41)                       | 7.18              | (5.61 - 9.14)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Massachusetts</b>  | 12.91               | (11.10 - 14.96)                       | 12.30               | (10.42 - 14.46)                       | 6.65              | (5.60 - 7.88)                       | 7.49              | (6.53 - 8.57)                       |
| Boston                | 13.25               | (10.20 - 17.04)                       | 13.73               | (10.34 - 18.02)                       | 8.07              | (6.05 - 10.70)                      | 9.25              | (7.34 - 11.59)                      |
| Central               | 12.26               | (9.46 - 15.73)                        | 11.33               | (8.60 - 14.79)                        | 6.43              | (4.83 - 8.51)                       | 7.14              | (5.63 - 9.02)                       |
| Metrowest             | 12.37               | (9.73 - 15.61)                        | 12.62               | (9.67 - 16.30)                        | 6.11              | (4.64 - 8.00)                       | 6.99              | (5.58 - 8.72)                       |
| Northeast             | 13.43               | (10.72 - 16.70)                       | 12.04               | (9.33 - 15.41)                        | 6.66              | (5.09 - 8.67)                       | 7.37              | (5.89 - 9.19)                       |
| Southeast             | 13.04               | (10.29 - 16.40)                       | 11.80               | (8.91 - 15.46)                        | 6.42              | (4.84 - 8.48)                       | 7.11              | (5.62 - 8.97)                       |
| Western               | 13.34               | (10.34 - 17.04)                       | 11.74               | (8.91 - 15.33)                        | 6.87              | (5.12 - 9.16)                       | 7.69              | (6.05 - 9.72)                       |
| <b>Michigan</b>       | 12.24               | (10.98 - 13.62)                       | 10.81               | (9.61 - 12.14)                        | 5.89              | (5.19 - 6.67)                       | 6.60              | (5.97 - 7.30)                       |
| Region 1              | 12.31               | (9.62 - 15.61)                        | 11.96               | (9.17 - 15.45)                        | 6.46              | (4.80 - 8.66)                       | 7.24              | (5.68 - 9.19)                       |
| Region 2              | 12.56               | (9.78 - 15.99)                        | 12.57               | (9.58 - 16.34)                        | 5.64              | (4.20 - 7.54)                       | 6.39              | (4.99 - 8.14)                       |
| Region 3              | 12.82               | (10.44 - 15.65)                       | 10.55               | (8.30 - 13.32)                        | 6.67              | (5.26 - 8.43)                       | 7.27              | (5.96 - 8.84)                       |
| Region 4              | 11.90               | (9.36 - 15.01)                        | 11.65               | (9.22 - 14.61)                        | 6.17              | (4.81 - 7.89)                       | 7.00              | (5.73 - 8.52)                       |
| Region 5              | 12.86               | (10.63 - 15.49)                       | 11.18               | (9.03 - 13.77)                        | 6.41              | (5.13 - 7.99)                       | 7.22              | (6.03 - 8.63)                       |
| Region 6              | 12.27               | (9.74 - 15.34)                        | 12.27               | (9.60 - 15.55)                        | 5.41              | (4.09 - 7.12)                       | 6.55              | (5.28 - 8.09)                       |
| Region 7              | 11.19               | (9.12 - 13.67)                        | 9.09                | (7.24 - 11.36)                        | 5.25              | (4.13 - 6.65)                       | 5.82              | (4.78 - 7.07)                       |
| Region 8              | 11.45               | (9.17 - 14.20)                        | 10.62               | (8.28 - 13.51)                        | 5.20              | (3.98 - 6.77)                       | 5.87              | (4.70 - 7.31)                       |
| Region 9              | 12.64               | (10.06 - 15.78)                       | 10.31               | (7.94 - 13.29)                        | 5.92              | (4.53 - 7.70)                       | 6.47              | (5.17 - 8.08)                       |
| Region 10             | 13.54               | (10.80 - 16.86)                       | 10.95               | (8.57 - 13.89)                        | 6.20              | (4.72 - 8.10)                       | 6.84              | (5.45 - 8.54)                       |
| <b>Minnesota</b>      | 13.32               | (11.56 - 15.30)                       | 10.87               | (9.20 - 12.80)                        | 6.71              | (5.70 - 7.88)                       | 7.28              | (6.36 - 8.32)                       |
| Regions 1 and 2       | 13.45               | (11.01 - 16.34)                       | 10.77               | (8.42 - 13.69)                        | 6.40              | (5.00 - 8.15)                       | 6.98              | (5.68 - 8.55)                       |
| Region 1              | *                   | (* - *)                               | *                   | (* - *)                               | 6.34              | (4.63 - 8.63)                       | 6.78              | (5.16 - 8.86)                       |
| Region 2              | 13.49               | (10.48 - 17.21)                       | *                   | (* - *)                               | 6.43              | (4.75 - 8.66)                       | 7.10              | (5.51 - 9.09)                       |
| Regions 3 and 4       | 14.34               | (11.76 - 17.37)                       | 10.44               | (8.26 - 13.12)                        | 6.68              | (5.34 - 8.32)                       | 7.21              | (5.97 - 8.68)                       |
| Region 3              | 13.73               | (10.56 - 17.67)                       | *                   | (* - *)                               | 6.71              | (4.91 - 9.10)                       | 7.21              | (5.54 - 9.34)                       |
| Region 4              | 14.62               | (11.56 - 18.33)                       | 10.44               | (7.90 - 13.69)                        | 6.66              | (5.06 - 8.71)                       | 7.21              | (5.71 - 9.06)                       |
| Regions 5 and 6       | 13.35               | (10.98 - 16.15)                       | 9.96                | (7.93 - 12.45)                        | 6.59              | (5.19 - 8.35)                       | 7.08              | (5.79 - 8.64)                       |
| Region 5              | 13.29               | (10.31 - 16.97)                       | 9.88                | (7.50 - 12.91)                        | 6.54              | (4.85 - 8.78)                       | 7.03              | (5.47 - 9.00)                       |
| Region 6              | 13.41               | (10.49 - 17.00)                       | 10.05               | (7.48 - 13.37)                        | 6.64              | (4.91 - 8.93)                       | 7.14              | (5.53 - 9.16)                       |
| Region 7              | 12.96               | (10.93 - 15.31)                       | 11.36               | (9.37 - 13.71)                        | 6.82              | (5.64 - 8.22)                       | 7.43              | (6.34 - 8.68)                       |
| Region 7A (Hennepin)  | 12.18               | (9.58 - 15.36)                        | 12.51               | (9.62 - 16.11)                        | 7.12              | (5.52 - 9.14)                       | 7.83              | (6.31 - 9.67)                       |
| Region 7B (Ramsey)    | 12.14               | (9.42 - 15.53)                        | 9.63                | (7.21 - 12.75)                        | 6.98              | (5.24 - 9.26)                       | 7.40              | (5.79 - 9.41)                       |
| Region 7C             | 13.88               | (11.05 - 17.31)                       | 11.11               | (8.54 - 14.32)                        | 6.44              | (4.89 - 8.42)                       | 7.04              | (5.59 - 8.83)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                  | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|----------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Mississippi</b>                     | 10.78               | (9.21 - 12.57)                        | 8.09                | (6.75 - 9.68)                         | 5.69              | (4.76 - 6.80)                       | 6.06              | (5.22 - 7.02)                       |
| Region 1                               | 11.11               | (8.73 - 14.05)                        | 8.57                | (6.51 - 11.21)                        | 5.93              | (4.53 - 7.72)                       | 6.33              | (5.04 - 7.92)                       |
| Region 2                               | 9.28                | (7.05 - 12.14)                        | 7.05                | (5.18 - 9.54)                         | 5.47              | (4.02 - 7.40)                       | 5.71              | (4.37 - 7.43)                       |
| Region 3                               | 10.69               | (8.23 - 13.77)                        | 8.09                | (5.97 - 10.88)                        | 5.62              | (4.16 - 7.55)                       | 6.04              | (4.70 - 7.72)                       |
| Region 4                               | 9.74                | (7.52 - 12.51)                        | 6.87                | (5.16 - 9.11)                         | 4.90              | (3.63 - 6.57)                       | 5.19              | (4.03 - 6.66)                       |
| Region 5                               | 10.33               | (7.88 - 13.45)                        | *                   | (* - *)                               | 5.70              | (4.12 - 7.82)                       | 6.04              | (4.57 - 7.95)                       |
| Region 6                               | 11.92               | (9.29 - 15.17)                        | 8.60                | (6.37 - 11.53)                        | 6.63              | (4.92 - 8.88)                       | 6.94              | (5.37 - 8.92)                       |
| Region 7                               | 12.23               | (9.47 - 15.65)                        | 9.31                | (7.01 - 12.27)                        | 5.92              | (4.38 - 7.95)                       | 6.39              | (4.97 - 8.19)                       |
| <b>Missouri</b>                        | 12.97               | (11.23 - 14.93)                       | 9.87                | (8.35 - 11.63)                        | 6.49              | (5.43 - 7.74)                       | 6.97              | (6.02 - 8.07)                       |
| Central                                | 12.59               | (9.79 - 16.05)                        | 9.68                | (7.28 - 12.76)                        | 6.05              | (4.51 - 8.09)                       | 6.69              | (5.25 - 8.48)                       |
| Eastern                                | 12.78               | (10.58 - 15.36)                       | 9.76                | (7.82 - 12.11)                        | 6.39              | (5.07 - 8.02)                       | 6.85              | (5.63 - 8.31)                       |
| Eastern (St. Louis City and<br>County) | 11.88               | (9.27 - 15.10)                        | 9.85                | (7.52 - 12.80)                        | 6.38              | (4.82 - 8.40)                       | 6.86              | (5.41 - 8.67)                       |
| Eastern (excluding St. Louis)          | 14.08               | (11.19 - 17.58)                       | 9.59                | (7.17 - 12.71)                        | 6.40              | (4.79 - 8.50)                       | 6.82              | (5.32 - 8.71)                       |
| Northwest                              | 12.57               | (10.32 - 15.24)                       | 9.43                | (7.43 - 11.90)                        | 6.45              | (5.11 - 8.11)                       | 6.86              | (5.63 - 8.35)                       |
| Northwest (Jackson)                    | 11.90               | (9.14 - 15.34)                        | 9.09                | (6.74 - 12.15)                        | 6.10              | (4.57 - 8.10)                       | 6.50              | (5.06 - 8.31)                       |
| Northwest (excluding Jackson)          | 13.11               | (10.28 - 16.58)                       | 9.69                | (7.22 - 12.90)                        | 6.75              | (5.04 - 8.98)                       | 7.17              | (5.58 - 9.17)                       |
| Southeast                              | 12.93               | (10.01 - 16.54)                       | 10.28               | (7.71 - 13.57)                        | 6.92              | (5.10 - 9.34)                       | 7.38              | (5.67 - 9.54)                       |
| Southwest                              | 14.36               | (11.34 - 18.02)                       | 10.69               | (8.18 - 13.84)                        | 6.82              | (5.11 - 9.06)                       | 7.37              | (5.78 - 9.33)                       |
| <b>Montana</b>                         | 12.55               | (10.78 - 14.56)                       | 10.18               | (8.62 - 11.98)                        | 6.78              | (5.69 - 8.06)                       | 7.26              | (6.29 - 8.37)                       |
| Region 1                               | 11.55               | (8.77 - 15.05)                        | *                   | (* - *)                               | 5.87              | (4.23 - 8.09)                       | 6.24              | (4.70 - 8.24)                       |
| Region 2                               | 12.09               | (9.38 - 15.45)                        | 8.93                | (6.72 - 11.77)                        | 6.46              | (4.84 - 8.58)                       | 6.82              | (5.34 - 8.68)                       |
| Region 3                               | 12.75               | (10.00 - 16.11)                       | 8.98                | (6.80 - 11.79)                        | 6.33              | (4.76 - 8.37)                       | 6.67              | (5.22 - 8.49)                       |
| Region 4                               | 12.80               | (10.12 - 16.07)                       | 11.25               | (8.85 - 14.21)                        | 7.35              | (5.63 - 9.54)                       | 7.93              | (6.37 - 9.85)                       |
| Region 5                               | 12.72               | (10.13 - 15.84)                       | 10.82               | (8.47 - 13.73)                        | 6.98              | (5.41 - 8.97)                       | 7.53              | (6.08 - 9.28)                       |
| <b>Nebraska</b>                        | 12.34               | (10.62 - 14.29)                       | 10.63               | (9.00 - 12.51)                        | 6.35              | (5.30 - 7.60)                       | 7.00              | (6.05 - 8.09)                       |
| Regions 1 and 2                        | 13.73               | (11.08 - 16.88)                       | 9.87                | (7.69 - 12.59)                        | 5.84              | (4.50 - 7.56)                       | 6.39              | (5.13 - 7.93)                       |
| Region 1                               | *                   | (* - *)                               | *                   | (* - *)                               | 5.87              | (4.26 - 8.05)                       | 6.43              | (4.91 - 8.39)                       |
| Region 2                               | *                   | (* - *)                               | *                   | (* - *)                               | 5.82              | (4.17 - 8.08)                       | 6.35              | (4.78 - 8.37)                       |
| Region 3                               | 12.35               | (9.57 - 15.78)                        | 10.16               | (7.56 - 13.52)                        | 5.80              | (4.27 - 7.83)                       | 6.45              | (5.02 - 8.25)                       |
| Region 4                               | 12.07               | (9.35 - 15.46)                        | 8.72                | (6.51 - 11.58)                        | 5.76              | (4.24 - 7.80)                       | 6.19              | (4.77 - 7.99)                       |
| Region 5                               | 12.69               | (10.07 - 15.86)                       | 10.93               | (8.45 - 14.04)                        | 6.69              | (5.10 - 8.75)                       | 7.41              | (5.93 - 9.23)                       |
| Region 6                               | 11.91               | (9.65 - 14.61)                        | 11.21               | (8.93 - 13.99)                        | 6.60              | (5.19 - 8.35)                       | 7.28              | (5.99 - 8.83)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region   | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Nevada</b>           | 15.08               | (12.94 - 17.50)                       | 10.15               | (8.42 - 12.19)                        | 6.69              | (5.52 - 8.09)                       | 7.14              | (6.08 - 8.39)                       |
| Clark – Region 1        | 14.93               | (12.47 - 17.79)                       | 9.91                | (7.93 - 12.32)                        | 6.70              | (5.36 - 8.34)                       | 7.13              | (5.90 - 8.59)                       |
| Region 3                | 15.50               | (12.56 - 18.97)                       | 10.72               | (8.32 - 13.71)                        | 6.32              | (4.91 - 8.11)                       | 6.84              | (5.50 - 8.47)                       |
| Capital District        | *                   | (* - *)                               | *                   | (* - *)                               | 6.15              | (4.46 - 8.43)                       | 6.70              | (5.09 - 8.78)                       |
| Rural/Frontier          | *                   | (* - *)                               | *                   | (* - *)                               | 6.48              | (4.76 - 8.77)                       | 6.96              | (5.33 - 9.04)                       |
| Washoe – Region 2       | 15.44               | (12.11 - 19.48)                       | 10.84               | (8.32 - 13.99)                        | 6.94              | (5.19 - 9.23)                       | 7.47              | (5.84 - 9.50)                       |
| <b>New Hampshire</b>    | 13.56               | (11.67 - 15.70)                       | 13.91               | (11.77 - 16.38)                       | 7.76              | (6.54 - 9.18)                       | 8.59              | (7.47 - 9.86)                       |
| Central                 | 12.87               | (10.53 - 15.64)                       | 13.22               | (10.67 - 16.27)                       | 7.95              | (6.38 - 9.87)                       | 8.71              | (7.28 - 10.40)                      |
| Central 1               | 13.11               | (10.07 - 16.89)                       | 13.42               | (10.28 - 17.32)                       | 8.44              | (6.35 - 11.13)                      | 9.24              | (7.32 - 11.59)                      |
| Central 2               | 12.65               | (9.83 - 16.15)                        | 12.98               | (10.00 - 16.68)                       | 7.49              | (5.66 - 9.85)                       | 8.19              | (6.48 - 10.30)                      |
| Northern                | 13.11               | (10.14 - 16.78)                       | 12.73               | (9.62 - 16.65)                        | 7.82              | (5.84 - 10.39)                      | 8.51              | (6.67 - 10.79)                      |
| Southern                | 13.94               | (11.74 - 16.48)                       | 14.57               | (11.96 - 17.64)                       | 7.65              | (6.25 - 9.33)                       | 8.55              | (7.24 - 10.07)                      |
| Southern 1 (Rockingham) | 14.15               | (11.09 - 17.88)                       | 13.75               | (10.42 - 17.94)                       | 7.63              | (5.74 - 10.07)                      | 8.35              | (6.56 - 10.58)                      |
| Southern 2              | 13.81               | (11.21 - 16.89)                       | 15.01               | (11.97 - 18.66)                       | 7.66              | (6.02 - 9.71)                       | 8.67              | (7.13 - 10.51)                      |
| <b>New Jersey</b>       | 10.12               | (8.77 - 11.66)                        | 10.31               | (8.82 - 12.02)                        | 5.91              | (5.02 - 6.96)                       | 6.49              | (5.67 - 7.41)                       |
| Central                 | 9.90                | (7.87 - 12.38)                        | 10.29               | (8.02 - 13.09)                        | 5.89              | (4.52 - 7.62)                       | 6.44              | (5.17 - 7.99)                       |
| Metropolitan            | 9.50                | (7.45 - 12.04)                        | 9.44                | (7.31 - 12.10)                        | 5.61              | (4.23 - 7.40)                       | 6.14              | (4.85 - 7.74)                       |
| Northern                | 9.57                | (7.67 - 11.89)                        | 11.00               | (8.71 - 13.80)                        | 5.79              | (4.56 - 7.32)                       | 6.44              | (5.28 - 7.83)                       |
| Southern                | 11.94               | (9.59 - 14.77)                        | 10.39               | (8.07 - 13.28)                        | 6.50              | (5.03 - 8.36)                       | 7.01              | (5.66 - 8.67)                       |
| <b>New Mexico</b>       | 12.35               | (10.56 - 14.41)                       | 8.88                | (7.38 - 10.64)                        | 6.40              | (5.34 - 7.65)                       | 6.75              | (5.80 - 7.86)                       |
| Region 1                | 12.80               | (10.04 - 16.19)                       | 8.28                | (6.18 - 11.01)                        | 6.66              | (5.03 - 8.77)                       | 6.90              | (5.39 - 8.77)                       |
| Region 2                | 11.66               | (9.10 - 14.82)                        | 9.81                | (7.23 - 13.18)                        | 5.51              | (4.06 - 7.44)                       | 6.02              | (4.64 - 7.78)                       |
| Region 3 (Bernalillo)   | 12.27               | (9.75 - 15.34)                        | 9.93                | (7.74 - 12.65)                        | 6.87              | (5.30 - 8.86)                       | 7.30              | (5.86 - 9.06)                       |
| Region 4                | 12.95               | (10.13 - 16.42)                       | 8.02                | (5.87 - 10.85)                        | 6.79              | (5.04 - 9.09)                       | 6.99              | (5.40 - 9.00)                       |
| Region 5                | 11.98               | (9.67 - 14.74)                        | 7.93                | (6.20 - 10.09)                        | 5.76              | (4.49 - 7.36)                       | 6.10              | (4.96 - 7.49)                       |
| Region 5a               | 11.90               | (9.19 - 15.27)                        | 8.59                | (6.36 - 11.49)                        | 5.43              | (3.96 - 7.39)                       | 5.85              | (4.49 - 7.59)                       |
| Region 5b (Dona Ana)    | 12.04               | (9.25 - 15.53)                        | 7.50                | (5.49 - 10.16)                        | 6.08              | (4.46 - 8.22)                       | 6.34              | (4.89 - 8.17)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                          | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>New York</b>                                | 11.71               | (10.57 - 12.95)                       | 10.57               | (9.42 - 11.84)                        | 5.86              | (5.19 - 6.59)                       | 6.53              | (5.93 - 7.20)                       |
| Region 1: Long Island                          | 11.79               | (9.74 - 14.20)                        | 10.67               | (8.52 - 13.29)                        | 5.34              | (4.21 - 6.75)                       | 6.06              | (4.99 - 7.35)                       |
| Region 2: New York City                        | 10.76               | (9.35 - 12.35)                        | 10.04               | (8.67 - 11.60)                        | 5.75              | (4.93 - 6.70)                       | 6.35              | (5.60 - 7.19)                       |
| Region 2A: Bronx                               | 10.68               | (8.46 - 13.39)                        | 7.47                | (5.76 - 9.63)                         | 5.18              | (3.92 - 6.80)                       | 5.56              | (4.42 - 6.98)                       |
| Region 2B: Kings                               | 10.42               | (8.35 - 12.94)                        | 9.31                | (7.33 - 11.76)                        | 5.53              | (4.35 - 7.00)                       | 6.07              | (4.97 - 7.39)                       |
| Region 2C: New York                            | 11.72               | (9.11 - 14.96)                        | 12.21               | (9.60 - 15.41)                        | 7.17              | (5.56 - 9.19)                       | 7.81              | (6.30 - 9.64)                       |
| Region 2D: Queens                              | 10.27               | (8.09 - 12.95)                        | 10.83               | (8.42 - 13.83)                        | 5.15              | (3.95 - 6.69)                       | 5.87              | (4.72 - 7.28)                       |
| Region 2E: Richmond                            | 12.78               | (10.01 - 16.17)                       | 11.99               | (9.11 - 15.62)                        | 6.16              | (4.60 - 8.21)                       | 6.96              | (5.47 - 8.83)                       |
| Region 3: Mid-Hudson                           | 11.56               | (9.35 - 14.21)                        | 10.13               | (7.96 - 12.82)                        | 5.34              | (4.18 - 6.81)                       | 6.03              | (4.92 - 7.38)                       |
| Region 4: Capital Region                       | 12.28               | (9.72 - 15.42)                        | 11.48               | (8.96 - 14.59)                        | 6.58              | (5.04 - 8.55)                       | 7.30              | (5.85 - 9.07)                       |
| Region 5: Mohawk Valley                        | *                   | (* - *)                               | *                   | (* - *)                               | 6.52              | (4.88 - 8.66)                       | 7.26              | (5.70 - 9.20)                       |
| Region 6: North Country                        | *                   | (* - *)                               | *                   | (* - *)                               | 6.25              | (4.70 - 8.26)                       | 7.03              | (5.52 - 8.91)                       |
| Region 7: Tug Hill Seaway                      | 13.64               | (10.64 - 17.32)                       | *                   | (* - *)                               | 6.94              | (5.23 - 9.15)                       | 7.45              | (5.89 - 9.38)                       |
| Region 8: Central                              | 12.70               | (10.28 - 15.58)                       | 10.94               | (8.45 - 14.05)                        | 6.53              | (5.01 - 8.47)                       | 7.24              | (5.81 - 8.99)                       |
| Region 9: Southern Tier                        | 13.45               | (10.50 - 17.07)                       | 11.80               | (8.92 - 15.45)                        | 6.89              | (5.17 - 9.12)                       | 7.81              | (6.21 - 9.78)                       |
| Region 10: Finger Lakes                        | 13.96               | (11.25 - 17.19)                       | 11.81               | (9.20 - 15.04)                        | 6.35              | (4.96 - 8.10)                       | 7.18              | (5.84 - 8.79)                       |
| Region 11: Western                             | 12.42               | (10.11 - 15.18)                       | 11.25               | (8.84 - 14.22)                        | 6.21              | (4.92 - 7.80)                       | 6.95              | (5.73 - 8.40)                       |
| <b>North Carolina</b>                          | 11.92               | (10.42 - 13.61)                       | 9.34                | (8.02 - 10.85)                        | 6.85              | (5.91 - 7.93)                       | 7.20              | (6.37 - 8.13)                       |
| Alliance Behavioral<br>Healthcare 1            | 12.79               | (10.06 - 16.12)                       | 8.75                | (6.55 - 11.59)                        | 8.00              | (6.07 - 10.46)                      | 8.11              | (6.37 - 10.27)                      |
| Alliance Behavioral<br>Healthcare 2            | 11.83               | (9.21 - 15.09)                        | 9.29                | (7.00 - 12.24)                        | 6.56              | (4.93 - 8.68)                       | 6.94              | (5.44 - 8.81)                       |
| Cardinal Innovations<br>Healthcare Solutions 1 | 11.84               | (9.27 - 15.01)                        | 9.52                | (7.09 - 12.68)                        | 6.74              | (5.01 - 9.02)                       | 7.10              | (5.48 - 9.15)                       |
| Cardinal Innovations<br>Healthcare Solutions 2 | 11.76               | (9.07 - 15.12)                        | 9.70                | (7.32 - 12.74)                        | 6.19              | (4.62 - 8.25)                       | 6.71              | (5.25 - 8.53)                       |
| Cardinal Innovations<br>Healthcare Solutions 3 | 11.41               | (8.85 - 14.58)                        | 8.82                | (6.67 - 11.56)                        | 6.87              | (5.24 - 8.95)                       | 7.13              | (5.63 - 8.99)                       |
| CenterPoint Human Services                     | 10.82               | (8.36 - 13.89)                        | 8.88                | (6.67 - 11.73)                        | 6.56              | (4.85 - 8.83)                       | 6.87              | (5.30 - 8.88)                       |
| Eastpointe                                     | 11.58               | (9.08 - 14.66)                        | 7.63                | (5.78 - 10.00)                        | 6.18              | (4.67 - 8.14)                       | 6.38              | (5.01 - 8.09)                       |
| Partners Behavioral Health<br>Management       | 11.64               | (9.03 - 14.90)                        | 9.77                | (7.37 - 12.86)                        | 6.94              | (5.19 - 9.22)                       | 7.30              | (5.67 - 9.34)                       |
| Sandhills Center 1                             | *                   | (* - *)                               | 8.65                | (6.37 - 11.64)                        | 7.03              | (5.15 - 9.54)                       | 7.24              | (5.51 - 9.47)                       |
| Sandhills Center 2                             | 12.06               | (9.27 - 15.55)                        | 9.52                | (7.09 - 12.67)                        | 7.07              | (5.31 - 9.36)                       | 7.45              | (5.83 - 9.48)                       |
| Smoky Mountain Center 1                        | 12.69               | (9.79 - 16.29)                        | 11.03               | (8.29 - 14.53)                        | 6.66              | (4.95 - 8.91)                       | 7.27              | (5.66 - 9.30)                       |
| Smoky Mountain Center 2                        | *                   | (* - *)                               | 11.77               | (8.83 - 15.52)                        | 6.75              | (5.02 - 9.01)                       | 7.29              | (5.64 - 9.39)                       |
| Trillium Health Resources 1                    | 11.83               | (9.18 - 15.12)                        | 8.76                | (6.62 - 11.51)                        | 6.95              | (5.21 - 9.22)                       | 7.24              | (5.66 - 9.22)                       |
| Trillium Health Resources 2                    | *                   | (* - *)                               | 10.11               | (7.62 - 13.29)                        | 7.55              | (5.63 - 10.04)                      | 7.97              | (6.24 - 10.12)                      |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>North Dakota</b>           | 10.85               | (9.16 - 12.82)                        | 10.04               | (8.47 - 11.86)                        | 5.72              | (4.77 - 6.85)                       | 6.50              | (5.64 - 7.48)                       |
| Badlands and West Central     | 10.92               | (8.76 - 13.53)                        | 9.97                | (7.79 - 12.69)                        | 5.37              | (4.20 - 6.83)                       | 6.04              | (4.94 - 7.37)                       |
| Badlands                      | *                   | (* - *)                               | *                   | (* - *)                               | 6.17              | (4.54 - 8.33)                       | 6.81              | (5.26 - 8.79)                       |
| West Central                  | 10.85               | (8.45 - 13.82)                        | 9.82                | (7.36 - 12.99)                        | 5.13              | (3.86 - 6.80)                       | 5.81              | (4.59 - 7.33)                       |
| Lake Region                   | 10.04               | (7.53 - 13.26)                        | *                   | (* - *)                               | 4.84              | (3.52 - 6.63)                       | 5.49              | (4.21 - 7.14)                       |
| North Central                 | 11.22               | (8.59 - 14.52)                        | 9.17                | (6.87 - 12.15)                        | 6.00              | (4.43 - 8.06)                       | 6.56              | (5.13 - 8.35)                       |
| Northeast                     | 11.19               | (8.52 - 14.56)                        | 9.94                | (7.59 - 12.92)                        | 6.31              | (4.77 - 8.32)                       | 7.21              | (5.79 - 8.94)                       |
| Northwest                     | *                   | (* - *)                               | *                   | (* - *)                               | 5.81              | (4.24 - 7.91)                       | 6.42              | (4.94 - 8.31)                       |
| South Central                 | 10.36               | (7.77 - 13.69)                        | *                   | (* - *)                               | 5.23              | (3.80 - 7.17)                       | 6.03              | (4.64 - 7.79)                       |
| Southeast                     | 10.65               | (8.33 - 13.53)                        | 10.49               | (8.28 - 13.21)                        | 6.01              | (4.60 - 7.83)                       | 6.93              | (5.64 - 8.50)                       |
| <b>Ohio</b>                   | 13.08               | (11.79 - 14.48)                       | 11.04               | (9.78 - 12.44)                        | 6.97              | (6.16 - 7.88)                       | 7.54              | (6.81 - 8.33)                       |
| Boards 2, 46, 55, and 68      | 12.32               | (9.69 - 15.55)                        | 9.94                | (7.43 - 13.18)                        | 6.69              | (5.02 - 8.86)                       | 7.13              | (5.56 - 9.11)                       |
| Boards 3, 52, and 85          | 12.72               | (9.99 - 16.08)                        | *                   | (* - *)                               | 6.57              | (4.93 - 8.70)                       | 7.04              | (5.50 - 8.96)                       |
| Boards 4 and 78               | 12.75               | (10.01 - 16.12)                       | 10.86               | (8.28 - 14.11)                        | 6.80              | (5.12 - 8.99)                       | 7.29              | (5.71 - 9.27)                       |
| Boards 5 and 60               | *                   | (* - *)                               | 12.13               | (9.35 - 15.61)                        | 7.45              | (5.62 - 9.80)                       | 8.27              | (6.57 - 10.35)                      |
| Boards 7, 15, 41, 79, and 84  | 13.99               | (11.07 - 17.53)                       | 12.13               | (9.15 - 15.90)                        | 7.16              | (5.37 - 9.48)                       | 7.75              | (6.06 - 9.87)                       |
| Boards 8, 13, and 83          | 12.80               | (10.18 - 15.97)                       | *                   | (* - *)                               | 6.43              | (4.83 - 8.52)                       | 6.91              | (5.41 - 8.80)                       |
| Board 9 (Butler)              | 12.98               | (10.17 - 16.44)                       | *                   | (* - *)                               | 7.07              | (5.33 - 9.32)                       | 7.54              | (5.92 - 9.56)                       |
| Board 12                      | 12.86               | (10.00 - 16.40)                       | 10.95               | (8.32 - 14.29)                        | 6.91              | (5.17 - 9.18)                       | 7.54              | (5.91 - 9.57)                       |
| Boards 18 and 47              | 12.58               | (10.16 - 15.47)                       | 11.34               | (8.98 - 14.23)                        | 6.65              | (5.18 - 8.50)                       | 7.28              | (5.91 - 8.94)                       |
| Boards 20, 32, 54, and 69     | 13.30               | (10.58 - 16.58)                       | 9.97                | (7.47 - 13.19)                        | 6.99              | (5.24 - 9.28)                       | 7.38              | (5.74 - 9.46)                       |
| Boards 21, 39, 51, 70, and 80 | 13.69               | (10.85 - 17.13)                       | 12.23               | (9.40 - 15.77)                        | 7.14              | (5.39 - 9.40)                       | 7.79              | (6.13 - 9.86)                       |
| Boards 22, 74, and 87         | 12.68               | (10.04 - 15.90)                       | 11.38               | (8.78 - 14.64)                        | 7.12              | (5.38 - 9.37)                       | 7.76              | (6.16 - 9.73)                       |
| Boards 23 and 45              | 13.84               | (10.97 - 17.31)                       | 10.41               | (7.99 - 13.46)                        | 7.98              | (6.08 - 10.40)                      | 8.32              | (6.60 - 10.44)                      |
| Board 25 (Franklin)           | 12.78               | (10.25 - 15.83)                       | 11.69               | (9.38 - 14.49)                        | 7.17              | (5.63 - 9.08)                       | 7.86              | (6.46 - 9.53)                       |
| Boards 27, 71, and 73         | 13.45               | (10.65 - 16.86)                       | 11.60               | (8.80 - 15.13)                        | 7.31              | (5.52 - 9.63)                       | 7.86              | (6.18 - 9.94)                       |
| Boards 28, 43, and 67         | 13.75               | (10.77 - 17.39)                       | 11.24               | (8.58 - 14.58)                        | 6.65              | (5.04 - 8.73)                       | 7.30              | (5.78 - 9.19)                       |
| Board 31 (Hamilton)           | 13.00               | (10.33 - 16.24)                       | 10.10               | (7.76 - 13.05)                        | 7.22              | (5.55 - 9.35)                       | 7.64              | (6.09 - 9.54)                       |
| Board 48 (Lucas)              | 12.40               | (9.70 - 15.73)                        | 9.66                | (7.26 - 12.74)                        | 7.07              | (5.30 - 9.37)                       | 7.46              | (5.84 - 9.48)                       |
| Boards 50 and 76              | 12.98               | (10.32 - 16.21)                       | 10.95               | (8.35 - 14.22)                        | 6.21              | (4.72 - 8.13)                       | 6.82              | (5.41 - 8.55)                       |
| Board 57 (Montgomery)         | 13.54               | (10.70 - 16.99)                       | 11.50               | (8.81 - 14.88)                        | 7.46              | (5.61 - 9.84)                       | 8.01              | (6.30 - 10.14)                      |
| Board 77 (Summit)             | 13.24               | (10.39 - 16.72)                       | 11.56               | (8.84 - 14.98)                        | 7.09              | (5.33 - 9.38)                       | 7.67              | (6.01 - 9.75)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Oklahoma</b>                       | 12.92               | (11.06 - 15.04)                       | 9.50                | (7.97 - 11.30)                        | 6.61              | (5.56 - 7.85)                       | 7.04              | (6.11 - 8.11)                       |
| Central                               | 13.49               | (10.50 - 17.18)                       | 11.10               | (8.36 - 14.60)                        | 6.95              | (5.26 - 9.14)                       | 7.62              | (6.03 - 9.57)                       |
| East Central                          | 13.26               | (10.31 - 16.89)                       | 9.43                | (7.07 - 12.46)                        | 6.20              | (4.59 - 8.34)                       | 6.66              | (5.17 - 8.54)                       |
| Northeast                             | 13.17               | (10.11 - 16.99)                       | 9.42                | (7.00 - 12.56)                        | 6.54              | (4.84 - 8.80)                       | 7.02              | (5.47 - 8.97)                       |
| Northwest and Southwest               | 13.08               | (10.16 - 16.68)                       | 9.16                | (6.89 - 12.08)                        | 6.67              | (4.99 - 8.85)                       | 7.05              | (5.53 - 8.95)                       |
| Oklahoma County                       | 12.26               | (9.44 - 15.77)                        | 9.07                | (6.87 - 11.89)                        | 6.63              | (4.99 - 8.76)                       | 6.98              | (5.49 - 8.84)                       |
| Southeast                             | 12.48               | (9.63 - 16.01)                        | 8.82                | (6.56 - 11.77)                        | 6.36              | (4.77 - 8.45)                       | 6.71              | (5.23 - 8.57)                       |
| Tulsa County                          | 13.07               | (10.11 - 16.72)                       | 9.62                | (7.23 - 12.70)                        | 6.82              | (5.11 - 9.05)                       | 7.22              | (5.65 - 9.18)                       |
| <b>Oregon</b>                         | 15.14               | (13.20 - 17.32)                       | 12.98               | (11.15 - 15.06)                       | 7.18              | (6.08 - 8.47)                       | 7.95              | (6.95 - 9.09)                       |
| Region 1 (Multnomah)                  | 15.64               | (12.45 - 19.45)                       | 14.36               | (11.13 - 18.33)                       | 8.84              | (6.84 - 11.35)                      | 9.52              | (7.67 - 11.77)                      |
| Region 2                              | 15.54               | (12.68 - 18.92)                       | 12.00               | (9.40 - 15.21)                        | 6.60              | (5.10 - 8.51)                       | 7.29              | (5.88 - 9.01)                       |
| Region 3                              | 14.89               | (11.99 - 18.34)                       | 13.19               | (10.47 - 16.49)                       | 7.35              | (5.68 - 9.45)                       | 8.24              | (6.69 - 10.11)                      |
| Region 4                              | 15.37               | (12.13 - 19.29)                       | 13.70               | (10.50 - 17.69)                       | 6.22              | (4.63 - 8.31)                       | 7.09              | (5.57 - 8.97)                       |
| Region 5 (Central)                    | *                   | (* - *)                               | *                   | (* - *)                               | 6.15              | (4.41 - 8.52)                       | 6.87              | (5.19 - 9.05)                       |
| Region 6 (Eastern)                    | 14.15               | (10.77 - 18.38)                       | *                   | (* - *)                               | 6.24              | (4.61 - 8.39)                       | 6.77              | (5.23 - 8.71)                       |
| <b>Pennsylvania</b>                   | 12.02               | (10.76 - 13.42)                       | 10.88               | (9.68 - 12.21)                        | 6.13              | (5.41 - 6.93)                       | 6.78              | (6.12 - 7.49)                       |
| Region 1 (Allegheny)                  | 12.09               | (9.65 - 15.05)                        | 12.35               | (9.68 - 15.63)                        | 6.31              | (4.85 - 8.16)                       | 7.06              | (5.69 - 8.74)                       |
| Regions 3, 8, 9, and 51               | 12.32               | (9.77 - 15.41)                        | 11.82               | (9.15 - 15.13)                        | 6.81              | (5.21 - 8.85)                       | 7.49              | (5.97 - 9.35)                       |
| Regions 4, 11, 37, and 49             | 13.19               | (10.44 - 16.54)                       | 10.81               | (8.34 - 13.91)                        | 6.28              | (4.83 - 8.14)                       | 6.89              | (5.51 - 8.58)                       |
| Regions 5, 18, 23, 24, and 46         | 12.72               | (10.05 - 15.97)                       | 12.54               | (9.73 - 16.03)                        | 7.03              | (5.38 - 9.14)                       | 7.74              | (6.18 - 9.65)                       |
| Regions 6, 12, 16, 31, 35, 45, and 47 | 13.28               | (10.40 - 16.80)                       | 11.08               | (8.55 - 14.24)                        | 6.52              | (4.96 - 8.53)                       | 7.35              | (5.89 - 9.13)                       |
| Regions 7, 13, 20, and 33             | 11.22               | (9.09 - 13.77)                        | 10.04               | (8.01 - 12.51)                        | 5.43              | (4.28 - 6.86)                       | 6.02              | (4.94 - 7.32)                       |
| Regions 10, 15, 27, 32, 43, and 44    | 11.80               | (9.26 - 14.90)                        | 11.08               | (8.49 - 14.35)                        | 5.67              | (4.25 - 7.53)                       | 6.32              | (4.95 - 8.02)                       |
| Regions 17 and 21                     | 12.61               | (9.73 - 16.19)                        | 10.28               | (7.84 - 13.36)                        | 6.41              | (4.79 - 8.52)                       | 6.99              | (5.47 - 8.88)                       |
| Regions 19, 26, 28, and 42            | 12.00               | (9.62 - 14.86)                        | 10.42               | (8.22 - 13.13)                        | 6.64              | (5.22 - 8.41)                       | 7.13              | (5.80 - 8.74)                       |
| Regions 22, 38, 40, 41, and 48        | 11.94               | (9.39 - 15.08)                        | 11.28               | (8.64 - 14.59)                        | 5.18              | (3.89 - 6.86)                       | 5.86              | (4.61 - 7.43)                       |
| Regions 29 and 34                     | 12.45               | (9.78 - 15.72)                        | 10.27               | (7.79 - 13.43)                        | 5.52              | (4.10 - 7.38)                       | 6.16              | (4.82 - 7.85)                       |
| Regions 30 and 50                     | 13.03               | (10.21 - 16.48)                       | 11.02               | (8.40 - 14.32)                        | 5.72              | (4.30 - 7.58)                       | 6.39              | (5.01 - 8.10)                       |
| Region 36 (Philadelphia)              | 11.10               | (8.85 - 13.83)                        | 10.41               | (8.32 - 12.96)                        | 6.67              | (5.19 - 8.53)                       | 7.31              | (5.95 - 8.94)                       |

See notes at end of table.

(continued)



**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                     | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-----------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Rhode Island</b>                                       | 12.97               | (11.14 - 15.05)                       | 10.69               | (8.95 - 12.73)                        | 6.49              | (5.44 - 7.73)                       | 7.14              | (6.19 - 8.22)                       |
| Region 1: Southern Providence<br>County                   | 12.57               | (9.79 - 16.01)                        | 10.03               | (7.54 - 13.21)                        | 5.91              | (4.39 - 7.91)                       | 6.45              | (5.02 - 8.24)                       |
| Region 2: Northern Providence<br>County/Blackstone Valley | 12.71               | (10.04 - 15.97)                       | 10.35               | (7.78 - 13.65)                        | 6.36              | (4.79 - 8.39)                       | 6.87              | (5.40 - 8.70)                       |
| Region 3: Providence                                      | 11.05               | (8.43 - 14.37)                        | 10.32               | (7.82 - 13.51)                        | 7.31              | (5.39 - 9.83)                       | 8.10              | (6.41 - 10.18)                      |
| Region 4: Kent County                                     | 14.02               | (11.10 - 17.55)                       | 11.78               | (8.87 - 15.48)                        | 6.17              | (4.63 - 8.19)                       | 6.81              | (5.33 - 8.66)                       |
| Region 5: East Bay                                        | 13.96               | (10.71 - 18.01)                       | 11.45               | (8.46 - 15.34)                        | 7.76              | (5.71 - 10.47)                      | 8.26              | (6.34 - 10.71)                      |
| Region 6: Newport County                                  | 13.03               | (9.91 - 16.96)                        | *                   | (* - *)                               | 5.84              | (4.30 - 7.90)                       | 6.59              | (5.10 - 8.47)                       |
| Region 7: South County                                    | 14.78               | (11.57 - 18.70)                       | 10.89               | (8.18 - 14.36)                        | 6.53              | (4.85 - 8.73)                       | 7.28              | (5.71 - 9.23)                       |
| <b>South Carolina</b>                                     | 10.71               | (9.09 - 12.57)                        | 8.81                | (7.37 - 10.50)                        | 6.16              | (5.15 - 7.36)                       | 6.53              | (5.62 - 7.57)                       |
| Region 1                                                  | 11.10               | (8.77 - 13.95)                        | 8.97                | (6.93 - 11.53)                        | 6.28              | (4.81 - 8.17)                       | 6.66              | (5.31 - 8.32)                       |
| Region 2                                                  | 11.14               | (8.76 - 14.07)                        | 8.83                | (6.79 - 11.40)                        | 6.56              | (5.00 - 8.55)                       | 6.89              | (5.48 - 8.64)                       |
| Region 3                                                  | 10.75               | (8.34 - 13.75)                        | 8.95                | (6.79 - 11.71)                        | 5.97              | (4.47 - 7.92)                       | 6.35              | (4.97 - 8.08)                       |
| Region 4                                                  | 9.79                | (7.59 - 12.52)                        | 8.52                | (6.47 - 11.15)                        | 5.79              | (4.40 - 7.58)                       | 6.17              | (4.88 - 7.76)                       |
| <b>South Dakota</b>                                       | 10.95               | (9.31 - 12.84)                        | 9.40                | (7.82 - 11.26)                        | 5.78              | (4.78 - 6.97)                       | 6.31              | (5.41 - 7.36)                       |
| Region 1                                                  | 12.02               | (9.48 - 15.11)                        | 9.40                | (7.10 - 12.35)                        | 5.98              | (4.53 - 7.86)                       | 6.47              | (5.12 - 8.13)                       |
| Region 2                                                  | 10.32               | (7.84 - 13.48)                        | 8.83                | (6.52 - 11.85)                        | 5.60              | (4.04 - 7.73)                       | 6.04              | (4.57 - 7.94)                       |
| Region 3                                                  | 10.63               | (8.32 - 13.49)                        | 9.00                | (6.81 - 11.81)                        | 5.31              | (3.95 - 7.10)                       | 5.92              | (4.66 - 7.50)                       |
| Region 4                                                  | 10.97               | (8.45 - 14.14)                        | 9.34                | (6.93 - 12.48)                        | 5.71              | (4.23 - 7.68)                       | 6.29              | (4.90 - 8.05)                       |
| Region 5                                                  | 10.48               | (8.22 - 13.28)                        | 10.02               | (7.71 - 12.93)                        | 6.06              | (4.64 - 7.89)                       | 6.60              | (5.27 - 8.24)                       |
| <b>Tennessee</b>                                          | 11.48               | (9.82 - 13.37)                        | 10.38               | (8.78 - 12.23)                        | 6.52              | (5.47 - 7.75)                       | 7.06              | (6.12 - 8.12)                       |
| Region 1                                                  | 11.54               | (8.76 - 15.05)                        | 12.21               | (9.22 - 16.01)                        | 6.20              | (4.56 - 8.38)                       | 6.95              | (5.38 - 8.93)                       |
| Region 2                                                  | 12.32               | (9.55 - 15.75)                        | 12.08               | (9.19 - 15.71)                        | 7.06              | (5.40 - 9.19)                       | 7.72              | (6.17 - 9.62)                       |
| Region 3                                                  | 11.72               | (9.08 - 15.02)                        | 11.62               | (8.84 - 15.13)                        | 6.49              | (4.85 - 8.65)                       | 7.18              | (5.64 - 9.10)                       |
| Region 4 (Davidson)                                       | 10.37               | (7.87 - 13.56)                        | 10.58               | (7.85 - 14.12)                        | 6.80              | (5.04 - 9.11)                       | 7.37              | (5.76 - 9.38)                       |
| Region 5                                                  | 12.04               | (9.56 - 15.07)                        | 9.84                | (7.50 - 12.81)                        | 6.76              | (5.13 - 8.86)                       | 7.19              | (5.70 - 9.04)                       |
| Region 6                                                  | 11.32               | (8.66 - 14.66)                        | 9.59                | (7.21 - 12.64)                        | 6.15              | (4.55 - 8.28)                       | 6.64              | (5.15 - 8.52)                       |
| Region 7 (Shelby)                                         | 10.00               | (7.67 - 12.94)                        | 7.75                | (5.78 - 10.32)                        | 5.59              | (4.15 - 7.48)                       | 5.93              | (4.63 - 7.57)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                                       | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Texas</b>                                                | 11.73               | (10.56 - 13.01)                       | 8.12                | (7.19 - 9.15)                         | 5.06              | (4.46 - 5.73)                       | 5.53              | (4.99 - 6.12)                       |
| Region 1                                                    | 13.06               | (10.21 - 16.57)                       | 8.41                | (6.47 - 10.86)                        | 6.08              | (4.59 - 8.02)                       | 6.48              | (5.11 - 8.20)                       |
| Region 2                                                    | 13.42               | (10.50 - 17.01)                       | 8.26                | (6.16 - 10.98)                        | 6.00              | (4.48 - 8.01)                       | 6.36              | (4.95 - 8.13)                       |
| Region 3                                                    | 11.22               | (9.62 - 13.04)                        | 7.69                | (6.37 - 9.26)                         | 4.82              | (4.01 - 5.78)                       | 5.24              | (4.49 - 6.10)                       |
| Region 3a                                                   | 10.77               | (8.81 - 13.11)                        | 7.44                | (5.79 - 9.50)                         | 4.55              | (3.61 - 5.73)                       | 4.97              | (4.09 - 6.03)                       |
| Region 3bc                                                  | 12.01               | (9.85 - 14.57)                        | 8.13                | (6.44 - 10.22)                        | 5.29              | (4.17 - 6.68)                       | 5.70              | (4.67 - 6.94)                       |
| Region 4                                                    | 12.42               | (9.96 - 15.39)                        | 8.82                | (6.71 - 11.51)                        | 5.64              | (4.33 - 7.31)                       | 6.07              | (4.83 - 7.61)                       |
| Region 5                                                    | 11.13               | (8.67 - 14.19)                        | 7.91                | (5.95 - 10.46)                        | 5.00              | (3.77 - 6.59)                       | 5.43              | (4.27 - 6.88)                       |
| Region 6                                                    | 11.98               | (10.09 - 14.18)                       | 8.41                | (6.82 - 10.34)                        | 5.20              | (4.23 - 6.37)                       | 5.68              | (4.78 - 6.74)                       |
| Region 6a                                                   | 11.99               | (9.96 - 14.37)                        | 8.43                | (6.73 - 10.51)                        | 5.22              | (4.18 - 6.50)                       | 5.71              | (4.74 - 6.86)                       |
| Region 6bc                                                  | 11.93               | (9.28 - 15.21)                        | 8.25                | (6.19 - 10.93)                        | 5.03              | (3.73 - 6.74)                       | 5.47              | (4.25 - 7.02)                       |
| Region 7                                                    | 12.01               | (10.01 - 14.34)                       | 9.23                | (7.59 - 11.19)                        | 5.56              | (4.53 - 6.80)                       | 6.19              | (5.24 - 7.29)                       |
| Region 7a                                                   | 11.96               | (9.45 - 15.02)                        | 9.84                | (7.67 - 12.54)                        | 5.30              | (4.09 - 6.83)                       | 6.00              | (4.85 - 7.40)                       |
| Region 7bcd                                                 | 12.09               | (9.64 - 15.06)                        | 8.43                | (6.46 - 10.93)                        | 6.03              | (4.62 - 7.85)                       | 6.52              | (5.27 - 8.03)                       |
| Region 8                                                    | 11.69               | (9.41 - 14.44)                        | 7.73                | (6.02 - 9.89)                         | 4.58              | (3.58 - 5.84)                       | 5.07              | (4.12 - 6.21)                       |
| Region 9                                                    | 13.60               | (10.61 - 17.28)                       | 8.12                | (6.09 - 10.75)                        | 5.55              | (4.11 - 7.46)                       | 5.96              | (4.62 - 7.64)                       |
| Region 10                                                   | 12.03               | (9.40 - 15.27)                        | 7.28                | (5.51 - 9.58)                         | 4.42              | (3.27 - 5.96)                       | 4.92              | (3.85 - 6.28)                       |
| Region 11                                                   | 10.86               | (9.00 - 13.05)                        | 7.21                | (5.80 - 8.92)                         | 4.40              | (3.48 - 5.55)                       | 4.88              | (4.04 - 5.89)                       |
| Region 11abd                                                | 11.14               | (8.85 - 13.94)                        | 7.43                | (5.68 - 9.66)                         | 4.53              | (3.39 - 6.01)                       | 5.01              | (3.96 - 6.31)                       |
| Region 11c (Hidalgo)                                        | 10.44               | (8.09 - 13.37)                        | 6.85                | (5.07 - 9.20)                         | 4.17              | (3.10 - 5.60)                       | 4.66              | (3.64 - 5.94)                       |
| <b>Utah</b>                                                 | 13.66               | (11.82 - 15.73)                       | 10.19               | (8.52 - 12.13)                        | 6.93              | (5.91 - 8.11)                       | 7.53              | (6.62 - 8.56)                       |
| Bear River, Northeastern,<br>Summit, Tooele, and<br>Wasatch | 12.78               | (9.82 - 16.46)                        | 10.03               | (7.44 - 13.40)                        | 7.24              | (5.39 - 9.66)                       | 7.77              | (6.10 - 9.86)                       |
| Central, Four Corners, San<br>Juan, and Southwest           | 14.17               | (11.54 - 17.28)                       | 8.90                | (6.87 - 11.44)                        | 6.68              | (5.25 - 8.48)                       | 7.07              | (5.77 - 8.65)                       |
| Central, Four Corners, and<br>San Juan                      | *                   | (* - *)                               | *                   | (* - *)                               | 6.34              | (4.63 - 8.64)                       | 6.75              | (5.18 - 8.77)                       |
| Southwest                                                   | 14.58               | (11.27 - 18.66)                       | 9.00                | (6.61 - 12.15)                        | 6.89              | (5.09 - 9.28)                       | 7.27              | (5.62 - 9.35)                       |
| Davis County                                                | 14.23               | (11.10 - 18.07)                       | 10.15               | (7.51 - 13.58)                        | 6.79              | (5.08 - 9.03)                       | 7.36              | (5.77 - 9.36)                       |
| Salt Lake County                                            | 14.30               | (11.68 - 17.38)                       | 10.05               | (7.83 - 12.81)                        | 6.84              | (5.48 - 8.49)                       | 7.36              | (6.11 - 8.84)                       |
| Utah County                                                 | 12.40               | (9.63 - 15.84)                        | 11.17               | (8.52 - 14.53)                        | 7.28              | (5.55 - 9.48)                       | 8.26              | (6.69 - 10.15)                      |
| Weber, Morgan                                               | 13.72               | (10.66 - 17.47)                       | 9.86                | (7.32 - 13.15)                        | 6.78              | (5.08 - 9.00)                       | 7.29              | (5.70 - 9.29)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region                 | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|---------------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>Vermont</b>                        | 11.94               | (10.14 - 14.01)                       | 11.48               | (9.55 - 13.74)                        | 7.39              | (6.20 - 8.78)                       | 7.99              | (6.91 - 9.23)                       |
| Champlain Valley                      | 11.35               | (9.02 - 14.19)                        | 11.00               | (8.64 - 13.91)                        | 6.97              | (5.43 - 8.90)                       | 7.67              | (6.25 - 9.37)                       |
| Rural Northeast                       | 12.80               | (10.04 - 16.17)                       | 11.91               | (8.97 - 15.64)                        | 8.64              | (6.50 - 11.40)                      | 9.09              | (7.11 - 11.55)                      |
| Rural Southeast                       | 12.57               | (9.85 - 15.90)                        | 11.49               | (8.64 - 15.13)                        | 7.37              | (5.60 - 9.65)                       | 7.86              | (6.20 - 9.92)                       |
| Rural Southwest                       | 11.28               | (8.62 - 14.62)                        | 12.36               | (9.12 - 16.55)                        | 6.54              | (4.83 - 8.79)                       | 7.35              | (5.73 - 9.39)                       |
| <b>Virginia</b>                       | 12.41               | (10.82 - 14.20)                       | 11.13               | (9.62 - 12.85)                        | 7.22              | (6.22 - 8.35)                       | 7.77              | (6.88 - 8.76)                       |
| Region 1                              | 12.89               | (10.25 - 16.08)                       | 11.62               | (8.97 - 14.93)                        | 6.72              | (5.17 - 8.70)                       | 7.49              | (6.04 - 9.25)                       |
| Region 2                              | 12.24               | (9.98 - 14.94)                        | 12.04               | (9.50 - 15.14)                        | 7.16              | (5.67 - 9.00)                       | 7.73              | (6.35 - 9.38)                       |
| Region 3                              | 13.54               | (10.73 - 16.95)                       | 11.71               | (9.15 - 14.87)                        | 8.61              | (6.65 - 11.07)                      | 9.06              | (7.30 - 11.20)                      |
| Region 4                              | 11.44               | (9.05 - 14.35)                        | 11.23               | (8.86 - 14.12)                        | 6.74              | (5.16 - 8.75)                       | 7.38              | (5.92 - 9.17)                       |
| Region 5                              | 12.28               | (9.84 - 15.23)                        | 9.45                | (7.37 - 12.04)                        | 6.94              | (5.51 - 8.70)                       | 7.33              | (6.03 - 8.88)                       |
| <b>Washington</b>                     | 13.12               | (11.22 - 15.28)                       | 12.07               | (10.31 - 14.08)                       | 7.15              | (6.02 - 8.47)                       | 7.82              | (6.80 - 8.98)                       |
| Region 1                              | 12.58               | (10.25 - 15.33)                       | 10.62               | (8.38 - 13.37)                        | 6.90              | (5.42 - 8.75)                       | 7.49              | (6.13 - 9.13)                       |
| Greater Columbia and North<br>Central | 12.37               | (9.63 - 15.75)                        | 10.24               | (7.68 - 13.51)                        | 6.77              | (5.04 - 9.03)                       | 7.36              | (5.77 - 9.34)                       |
| Spokane                               | 12.93               | (9.92 - 16.68)                        | 11.29               | (8.38 - 15.03)                        | 7.08              | (5.21 - 9.55)                       | 7.68              | (5.92 - 9.89)                       |
| Region 2                              | 12.89               | (10.59 - 15.59)                       | 13.23               | (10.85 - 16.04)                       | 7.22              | (5.83 - 8.90)                       | 7.99              | (6.71 - 9.49)                       |
| King                                  | 12.39               | (9.73 - 15.66)                        | 14.13               | (11.17 - 17.72)                       | 7.13              | (5.52 - 9.16)                       | 8.00              | (6.48 - 9.83)                       |
| North Sound                           | 13.67               | (10.61 - 17.46)                       | 11.76               | (9.02 - 15.20)                        | 7.38              | (5.55 - 9.74)                       | 7.97              | (6.29 - 10.06)                      |
| Region 3                              | 13.81               | (11.54 - 16.43)                       | 11.62               | (9.62 - 13.95)                        | 7.21              | (5.88 - 8.82)                       | 7.80              | (6.58 - 9.23)                       |
| Pierce                                | 13.40               | (10.44 - 17.04)                       | 11.87               | (9.09 - 15.36)                        | 7.59              | (5.70 - 10.05)                      | 8.21              | (6.46 - 10.39)                      |
| Salish                                | *                   | (* - *)                               | *                   | (* - *)                               | 7.05              | (5.10 - 9.68)                       | 7.65              | (5.82 - 9.99)                       |
| SW WA and Great Rivers                | 14.20               | (11.03 - 18.09)                       | 10.97               | (8.23 - 14.47)                        | 6.99              | (5.16 - 9.40)                       | 7.50              | (5.79 - 9.66)                       |
| Thurston-Mason                        | *                   | (* - *)                               | *                   | (* - *)                               | *                 | (* - *)                             | 7.63              | (5.86 - 9.87)                       |

See notes at end of table.

(continued)

**Table 14 Major Depressive Episode in the Past Year, by Age Group and Substate Region: Percentages, Annual Averages Based on 2014, 2015, and 2016 NSDUHs (continued)**

| State/Substate Region         | 12-17<br>(Estimate) | 12-17<br>(95% Confidence<br>Interval) | 18-25<br>(Estimate) | 18-25<br>(95% Confidence<br>Interval) | 26+<br>(Estimate) | 26+<br>(95% Confidence<br>Interval) | 18+<br>(Estimate) | 18+<br>(95% Confidence<br>Interval) |
|-------------------------------|---------------------|---------------------------------------|---------------------|---------------------------------------|-------------------|-------------------------------------|-------------------|-------------------------------------|
| <b>West Virginia</b>          | 13.65               | (11.78 - 15.76)                       | 11.05               | (9.24 - 13.16)                        | 7.90              | (6.61 - 9.42)                       | 8.31              | (7.15 - 9.64)                       |
| Region I                      | 13.83               | (10.66 - 17.75)                       | *                   | (* - *)                               | 7.81              | (5.69 - 10.62)                      | 8.23              | (6.27 - 10.72)                      |
| Region II                     | 13.06               | (10.32 - 16.41)                       | 9.97                | (7.40 - 13.31)                        | 7.22              | (5.41 - 9.57)                       | 7.57              | (5.90 - 9.66)                       |
| Region III                    | 14.73               | (11.45 - 18.76)                       | 12.86               | (9.63 - 16.97)                        | 8.17              | (6.01 - 11.03)                      | 8.69              | (6.66 - 11.28)                      |
| Region IV                     | 14.52               | (11.59 - 18.05)                       | 11.32               | (8.72 - 14.58)                        | 8.10              | (6.16 - 10.58)                      | 8.64              | (6.90 - 10.77)                      |
| Region V                      | 13.07               | (10.39 - 16.32)                       | 10.71               | (8.18 - 13.90)                        | 7.78              | (5.91 - 10.18)                      | 8.12              | (6.39 - 10.28)                      |
| Region VI                     | 13.49               | (10.63 - 16.99)                       | 11.04               | (8.47 - 14.28)                        | 8.29              | (6.32 - 10.80)                      | 8.60              | (6.77 - 10.87)                      |
| <b>Wisconsin</b>              | 13.51               | (11.67 - 15.59)                       | 11.32               | (9.61 - 13.28)                        | 5.89              | (4.86 - 7.13)                       | 6.66              | (5.72 - 7.74)                       |
| Milwaukee                     | 12.49               | (9.66 - 16.00)                        | 9.73                | (7.37 - 12.74)                        | 5.96              | (4.43 - 7.97)                       | 6.58              | (5.17 - 8.35)                       |
| Northeastern                  | 14.14               | (11.18 - 17.74)                       | 11.70               | (8.95 - 15.16)                        | 5.76              | (4.34 - 7.61)                       | 6.54              | (5.19 - 8.21)                       |
| Northern                      | 13.91               | (10.74 - 17.83)                       | 11.15               | (8.27 - 14.86)                        | 5.55              | (4.04 - 7.58)                       | 6.25              | (4.79 - 8.11)                       |
| Southeastern                  | 13.40               | (10.71 - 16.63)                       | 11.51               | (8.84 - 14.85)                        | 5.70              | (4.28 - 7.56)                       | 6.48              | (5.13 - 8.15)                       |
| Southern                      | 12.76               | (10.00 - 16.13)                       | 11.97               | (9.32 - 15.25)                        | 6.24              | (4.61 - 8.39)                       | 7.05              | (5.52 - 8.98)                       |
| Western                       | 14.85               | (11.66 - 18.73)                       | 11.80               | (8.97 - 15.38)                        | 6.04              | (4.46 - 8.13)                       | 6.92              | (5.42 - 8.79)                       |
| <b>Wyoming</b>                | 14.45               | (12.42 - 16.74)                       | 11.46               | (9.70 - 13.49)                        | 6.87              | (5.79 - 8.14)                       | 7.53              | (6.55 - 8.64)                       |
| Judicial District 1 (Laramie) | 15.21               | (11.91 - 19.21)                       | 11.33               | (8.56 - 14.85)                        | 7.26              | (5.50 - 9.54)                       | 7.80              | (6.15 - 9.85)                       |
| Judicial District 2           | 14.93               | (11.45 - 19.25)                       | 13.02               | (10.05 - 16.71)                       | 7.61              | (5.70 - 10.08)                      | 9.06              | (7.33 - 11.15)                      |
| Judicial District 3           | 14.81               | (11.62 - 18.70)                       | 11.15               | (8.34 - 14.75)                        | 7.44              | (5.60 - 9.82)                       | 7.94              | (6.23 - 10.08)                      |
| Judicial District 4           | 14.37               | (11.13 - 18.35)                       | *                   | (* - *)                               | 6.35              | (4.60 - 8.72)                       | 6.94              | (5.28 - 9.07)                       |
| Judicial District 5           | 13.83               | (10.60 - 17.84)                       | 11.08               | (8.21 - 14.78)                        | 5.62              | (4.15 - 7.58)                       | 6.29              | (4.87 - 8.08)                       |
| Judicial District 6           | 14.21               | (11.04 - 18.10)                       | 10.12               | (7.57 - 13.39)                        | 6.34              | (4.67 - 8.57)                       | 6.86              | (5.29 - 8.86)                       |
| Judicial District 7 (Natrona) | 14.12               | (11.07 - 17.83)                       | 10.89               | (8.20 - 14.32)                        | 7.11              | (5.33 - 9.42)                       | 7.61              | (5.95 - 9.69)                       |
| Judicial District 8           | 13.46               | (10.29 - 17.43)                       | 11.49               | (8.54 - 15.29)                        | 5.87              | (4.29 - 8.00)                       | 6.58              | (5.06 - 8.52)                       |
| Judicial District 9           | 14.30               | (11.06 - 18.30)                       | 11.52               | (8.64 - 15.19)                        | 7.23              | (5.36 - 9.69)                       | 7.75              | (5.97 - 9.99)                       |

SPA = service planning area.

\* Low precision; no estimate reported.

NOTE: For substate region definitions, see the "2014-2016 National Survey on Drug Use and Health Substate Region Definitions" at <https://www.samhsa.gov/data/>.

NOTE: Substate, state, and census region estimates, along with the 95 percent confidence (credible) intervals, are based on a survey-weighted hierarchical Bayes estimation approach and are generated by Markov Chain Monte Carlo techniques. For the "Total U.S." row, design-based (direct) estimates and corresponding 95 percent confidence intervals are given.

NOTE: Major depressive episode (MDE) is defined as in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV), which specifies a period of at least 2 weeks when an individual experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms. For details, see Section B of the "2015-2016 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2014, 2015, and 2016.



# Suppression Criterion for Substate Region by Age Group Tables from the 2014-2016 National Surveys on Drug Use and Health

The suppression criterion used for the 1999-2001, 2002-2004, 2004-2006, 2006-2008, 2008-2010, 2010-2012, and 2012-2014 substate by age group small area estimates also has been used for the 2014-2016 substate by age group estimates. Suppressed estimates are noted by an asterisk (\*). The suppression criterion is based on a combination of the relative standard error (RSE) of  $[-\ln(p)]$  or  $[-\ln(1-p)]$  and the effective sample size (EFN), where  $p$  denotes the substate by age group level unbenchmarked small area estimate and  $\ln(p)$  denotes the natural logarithm of  $p$ . For  $p \leq 50$  percent, an RSE of  $[-\ln(p)]$  is used, and for  $p > 50$  percent, an RSE of  $[-\ln(1-p)]$  is used. The separate formulas for  $p \leq 50$  percent and  $p > 50$  percent produce a symmetric suppression rule; that is, if  $p$  is suppressed, then so will  $(1-p)$ . By using the first-order Taylor series approximation method, an estimate of an RSE of  $[-\ln(p)]$  and an RSE of  $[-\ln(1-p)]$  is given by

$$\begin{aligned} \text{RSE of } [-\ln(p)] &= \frac{\sqrt{\text{var}(p)}}{p[-\ln(p)]} \text{ and} \\ \text{RSE of } [-\ln(1-p)] &= \frac{\sqrt{\text{var}(1-p)}}{(1-p)[- \ln(1-p)]}, \end{aligned}$$

where  $\text{var}(p)$  denotes the posterior variance of  $p$ . The EFN is defined as  $\text{EFN} = \frac{n}{\text{design effect}}$ ,

where  $n$  denotes the raw sample size and design effect is defined as

$\text{design effect} = \frac{\text{var}(p)}{[p(1-p)/n]}$ ; hence,  $\text{EFN} = \frac{p(1-p)}{\text{var}(p)}$ . A lower bound of 0.2 also was imposed on

the design effects (i.e., all design effects that were less than 0.2 were changed to 0.2) to avoid publishing substate by age group estimates with very small sample sizes.

The following criterion was used in [Tables 1 to 14](#):

When  $p < 5.23$  percent, then suppress if an RSE of  $[-\ln(p)] > 10$  percent;  
 when  $5.23 \text{ percent} \leq p \leq 94.77 \text{ percent}$ , then suppress if the  $\text{EFN} \leq 208$ ; and  
 when  $p > 94.77 \text{ percent}$ , then suppress if an RSE of  $[-\ln(1-p)] > 10$  percent.

A graph is shown in Figure 1 in order to describe the relationship between  $p$  and the EFN for an RSE of  $[-\ln(p)] = 10$  percent when  $p \leq 50$  percent and for an RSE of  $[-\ln(1-p)] = 10$  percent when  $p > 50$  percent. The suppression criterion switches to EFN between 5.23 and 94.77 percent so that the EFN is not allowed to fall below the EFN of 208 required at  $p = 50$  percent.

**Figure 1. Small Area Estimate versus Effective Sample Size When the Relative Standard Error Equals 10 Percent**

