

2018 Florida Youth Substance Abuse Survey

Volusia Data Tables

Table 1. Major demographic characteristics of surveyed Volusia and Florida Statewide, 2018

	Volusia		Florida Statewide	
	N	%	N	%
Sex				
Female	502	46.1	26,340	48.2
Male	568	52.2	27,468	50.3
Race/Ethnic group				
African American	137	12.6	12,088	22.1
American Indian	24	2.2	555	1.0
Asian	14	1.3	659	1.2
Hispanic/Latino	199	18.3	11,242	20.6
Native Hawaiian/Pacific Islander	2	0.2	79	0.1
Other/Multiple	219	20.1	6,899	12.6
White, non-Hispanic	486	44.7	22,618	41.4
Age				
10	0	0.0	50	0.1
11	74	6.8	3,339	6.1
12	183	16.8	7,363	13.5
13	190	17.5	7,738	14.2
14	190	17.5	7,864	14.4
15	126	11.6	7,982	14.6
16	120	11.0	7,926	14.5
17	130	11.9	7,725	14.1
18	62	5.7	3,990	7.3
19 or older	9	0.8	495	0.9
Grade				
6th	188	17.3	8,050	14.7
7th	188	17.3	7,706	14.1
8th	197	18.1	7,715	14.1
9th	149	13.7	8,024	14.7
10th	116	10.7	7,925	14.5
11th	126	11.6	7,775	14.2
12th	124	11.4	7,417	13.6
Overall Middle School	573	52.7	23,470	43.0
Overall High School	515	47.3	31,141	57.0
Total	1,088	100.0	54,611	100.0

Note: Some categories do not sum to 100% of the total due to missing values (e.g., not all survey questions were answered). In addition, rounding can produce totals that do not equal 100%. "N" represents the number of valid cases. In this table, county data are unweighted while statewide data are weighted.

Table 2. Percentages of Volusia and Florida Statewide youth who reported having used various drugs in their lifetimes, 2018

	Volusia							Florida Statewide						
	Middle School	High School	Female	Male	Ages 10-14	Ages 15-17	Total	Middle School	High School	Female	Male	Ages 10-14	Ages 15-17	Total
Alcohol	18.7	51.1	38.6	36.3	23.6	48.5	37.6	20.8	48.0	38.9	34.1	22.9	48.1	36.5
Blacking Out	--	15.0	17.7	11.9	--	12.4	--	--	14.2	15.0	13.5	--	14.0	--
Cigarettes	7.9	16.4	13.5	11.9	9.4	15.3	12.8	6.7	14.7	11.1	11.4	6.7	14.7	11.3
Vaporizer / E-Cigarette	16.6	40.0	32.6	26.7	19.7	37.5	30.1	15.1	36.0	26.5	27.6	16.7	36.4	27.1
Marijuana or Hashish	12.8	33.1	26.2	22.7	15.4	30.8	24.5	7.6	29.7	21.0	19.4	8.7	29.8	20.2
Synthetic Marijuana	--	4.5	6.4	1.9	--	4.9	--	--	3.5	3.7	3.3	--	3.5	--
Inhalants	7.4	3.6	5.6	4.7	6.6	3.6	5.2	7.8	4.3	6.7	4.9	7.6	4.3	5.8
Flakka	--	0.5	0.8	0.0	--	0.6	--	--	0.8	0.7	0.8	--	0.7	--
Club Drugs	1.0	2.1	1.5	1.7	0.8	2.0	1.6	0.7	1.8	1.2	1.4	0.7	1.7	1.3
LSD, PCP or Mushrooms	1.1	6.4	3.9	4.4	1.0	6.3	4.2	1.0	4.0	2.3	3.1	1.1	3.9	2.7
Methamphetamine	0.9	0.6	0.8	0.5	0.7	0.6	0.7	0.7	0.7	0.6	0.8	0.7	0.6	0.7
Cocaine or Crack Cocaine	0.7	2.5	1.5	1.8	0.7	2.8	1.7	0.8	1.9	1.3	1.6	0.8	1.7	1.4
Heroin	0.6	0.8	0.5	0.8	0.5	0.9	0.7	0.4	0.3	0.3	0.4	0.4	0.3	0.4
Prescription Depressants	2.5	7.6	5.5	5.3	3.0	7.3	5.5	2.3	5.9	4.4	4.3	2.5	5.9	4.4
Prescription Pain Relievers	2.0	6.6	5.5	3.2	2.2	6.3	4.6	2.6	5.0	4.4	3.6	2.8	4.9	4.0
Prescription Amphetamines	1.5	5.3	3.7	3.4	2.3	4.1	3.7	1.2	3.6	2.6	2.6	1.4	3.4	2.6
Steroids (without a doctor's order)	0.6	0.4	0.4	0.5	0.5	0.4	0.5	0.7	0.4	0.5	0.6	0.7	0.4	0.5
Over-the-Counter Drugs	3.5	6.1	4.9	5.0	3.7	6.2	5.0	3.2	4.9	4.3	4.1	3.4	4.9	4.2
Needle to Inject Illegal Drugs	--	0.8	0.7	0.6	--	0.9	--	--	0.6	0.5	0.8	--	0.6	--
Any illicit drug	19.5	38.3	33.6	26.7	21.6	37.1	30.4	16.5	34.8	28.7	25.2	17.4	34.9	26.9
Any illicit drug other than marijuana	11.5	19.4	16.5	15.1	11.7	19.7	16.0	12.6	16.2	15.5	13.7	12.8	16.2	14.6
Alcohol only	7.2	20.7	14.2	16.1	9.9	19.6	15.1	11.3	19.8	16.8	15.6	12.4	19.7	16.2
Alcohol or any illicit drug	26.3	58.8	47.7	41.9	30.9	56.7	45.0	27.5	54.4	45.2	40.5	29.5	54.5	42.9
Any illicit drug, but no alcohol	8.3	8.0	9.4	6.6	8.3	8.3	8.1	6.9	6.6	6.7	6.7	6.9	6.7	6.7

Note: The first 19 data rows show results for alcohol, cigarettes, and other drugs. The last five data rows show results for various combinations of drugs. For "Blacking Out," respondents were asked on how many occasions in their lifetime they woke up after a night of drinking and did not remember the things they did or the places they went. Ecstasy, Rohypnol, GHB and ketamine are provided as examples in the question about club drugs. The symbol "--" indicates that data are not available.

Table 3. Percentages of Volusia and Florida Statewide youth who reported having used various drugs in the past 30 days, 2018

	Volusia							Florida Statewide						
	Middle School	High School	Female	Male	Ages 10-14	Ages 15-17	Total	Middle School	High School	Female	Male	Ages 10-14	Ages 15-17	Total
Alcohol	7.6	22.8	17.3	15.8	10.5	20.8	16.4	7.3	21.2	16.8	13.8	8.1	20.9	15.3
Binge Drinking	2.7	7.9	6.2	5.2	3.3	7.1	5.8	3.1	9.6	6.7	6.9	3.2	9.4	6.8
Cigarettes	1.8	4.4	2.6	3.8	2.3	4.2	3.3	1.2	3.5	2.6	2.4	1.2	3.3	2.5
Vaporizer / E-Cigarette	6.8	20.6	17.1	12.4	9.8	18.1	14.8	6.4	19.2	13.5	14.0	7.5	19.1	13.7
Marijuana or Hashish	7.3	19.2	14.3	13.8	7.3	19.3	14.1	3.7	16.3	11.0	10.7	4.2	16.2	10.9
Synthetic Marijuana	--	1.2	1.6	0.6	--	1.2	--	--	1.1	1.1	1.1	--	1.1	--
Inhalants	1.7	0.7	1.3	0.8	1.6	0.6	1.1	2.8	1.1	2.1	1.6	2.6	1.1	1.8
Flakka	--	0.1	0.0	0.0	--	0.0	--	--	0.4	0.3	0.4	--	0.3	--
Club Drugs	0.0	0.6	0.4	0.3	0.0	0.8	0.3	0.2	0.5	0.3	0.5	0.2	0.5	0.4
LSD, PCP or Mushrooms	0.0	1.6	0.5	1.2	0.3	1.5	0.9	0.4	1.1	0.7	0.9	0.4	1.2	0.8
Methamphetamine	0.0	0.4	0.3	0.0	0.0	0.3	0.2	0.4	0.4	0.3	0.5	0.4	0.4	0.4
Cocaine or Crack Cocaine	0.1	0.7	0.9	0.0	0.1	1.0	0.4	0.3	0.5	0.4	0.5	0.3	0.4	0.4
Heroin	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1
Prescription Depressants	0.6	3.2	2.0	1.9	0.9	3.4	2.1	0.9	1.6	1.4	1.2	0.9	1.6	1.3
Prescription Pain Relievers	0.5	1.8	1.7	0.5	1.1	1.3	1.3	1.0	1.4	1.5	0.9	1.0	1.5	1.2
Prescription Amphetamines	0.2	0.9	0.3	0.8	0.3	0.4	0.6	0.5	1.0	0.8	0.7	0.5	1.0	0.8
Steroids (without a doctor's order)	0.2	0.3	0.4	0.1	0.1	0.5	0.3	0.2	0.1	0.2	0.2	0.2	0.2	0.2
Over-the-Counter Drugs	1.1	2.0	1.2	1.9	0.9	2.5	1.6	1.4	1.8	1.7	1.5	1.5	1.8	1.6
Any illicit drug	9.7	21.7	17.4	15.4	9.6	22.2	16.7	7.9	19.0	15.0	13.4	8.3	19.1	14.3
Any illicit drug other than marijuana	3.6	7.3	5.9	4.9	3.9	7.1	5.7	5.5	6.0	6.5	5.1	5.5	6.1	5.8
Alcohol only	2.8	10.4	8.8	6.0	5.4	8.7	7.3	4.3	11.1	9.0	7.4	4.8	10.9	8.2
Alcohol or any illicit drug	12.5	32.0	26.3	21.0	15.1	30.8	23.7	12.1	29.5	23.7	20.4	12.9	29.4	22.0
Any illicit drug, but no alcohol	5.2	9.2	8.9	5.7	5.3	9.5	7.6	4.9	8.6	7.2	6.9	5.1	8.8	7.1

Note: The first 18 data rows show results for alcohol, cigarettes, and other drugs. The last five data rows show results for various combinations of drugs. Binge drinking is defined as having had five or more alcoholic drinks in a row in the past two weeks. Ecstasy, Rohypnol, GHB and ketamine are provided as examples in the question about club drugs. The symbol "--" indicates that data are not available.

Table 4. Lifetime trend in alcohol, tobacco and other drug use for Volusia, 2008 to 2018

	2008			2010			2012			2014			2016			2018		
	Middle School	High School	Total	Middle School	High School	Total	Middle School	High School	Total	Middle School	High School	Total	Middle School	High School	Total	Middle School	High School	Total
Alcohol	36.9	69.7	55.5	35.6	66.6	53.3	30.6	62.4	49.0	23.3	60.5	44.5	24.2	53.3	41.6	18.7	51.1	37.6
Blacking Out	--	--	--	--	--	--	--	--	--	--	20.6	--	--	20.8	--	--	15.0	--
Cigarettes	19.3	36.3	28.9	17.7	34.1	27.1	17.2	33.1	26.4	11.1	24.6	18.7	8.9	21.2	16.2	7.9	16.4	12.8
Vaporizer / E-Cigarette	--	--	--	--	--	--	--	--	--	--	--	--	19.7	38.7	30.9	16.6	40.0	30.1
Marijuana or Hashish	9.9	35.6	24.5	13.5	38.4	27.7	7.7	40.3	26.7	8.9	33.4	23.0	11.3	35.9	25.8	12.8	33.1	24.5
Synthetic Marijuana	--	--	--	--	--	--	--	16.4	--	--	9.8	--	--	6.0	--	--	4.5	--
Inhalants	12.4	10.2	11.2	12.4	9.2	10.5	6.9	7.1	7.0	7.0	5.6	6.2	6.2	5.4	5.7	7.4	3.6	5.2
Flakka	--	--	--	--	--	--	--	--	--	--	--	--	--	1.6	--	--	0.5	--
Club Drugs	1.5	--	--	2.2	7.5	5.3	1.0	5.1	3.4	1.0	3.9	2.7	0.7	3.7	2.5	1.0	2.1	1.6
LSD, PCP or Mushrooms	2.0	--	--	3.5	8.9	6.6	1.7	7.7	5.3	1.2	7.9	5.0	1.9	5.7	4.2	1.1	6.4	4.2
Methamphetamine	1.3	1.1	1.2	1.4	2.0	1.8	0.8	0.7	0.7	0.9	1.7	1.4	0.3	1.1	0.8	0.9	0.6	0.7
Cocaine or Crack	1.7	--	--	2.4	4.4	3.5	1.2	3.5	2.6	1.1	3.5	2.5	1.3	3.4	2.5	0.7	2.5	1.7
Heroin	0.9	0.9	0.9	1.4	1.7	1.5	0.5	1.2	0.9	0.7	1.3	1.0	0.4	0.4	0.4	0.6	0.8	0.7
Prescription Depressants	3.0	12.3	8.4	3.5	11.6	8.1	1.4	9.8	6.4	2.6	8.1	5.8	2.8	6.4	4.9	2.5	7.6	5.5
Prescription Pain Relievers	5.8	13.8	10.4	4.9	12.3	9.2	3.5	9.7	7.1	2.2	6.9	4.9	3.6	5.6	4.8	2.0	6.6	4.6
Prescription Amphetamines	1.7	6.7	4.5	1.4	5.5	3.8	1.4	5.0	3.5	1.2	4.0	2.8	1.3	5.4	3.7	1.5	5.3	3.7
Steroids (without a doctor's order)	0.8	0.9	0.9	1.2	1.0	1.1	1.3	1.7	1.6	1.1	1.0	1.1	0.0	0.5	0.3	0.6	0.4	0.5
Over-the-Counter Drugs	5.9	--	--	4.8	9.2	7.3	3.8	6.8	5.6	3.2	6.2	4.9	3.3	6.6	5.3	3.5	6.1	5.0
Needle to Inject Drugs	--	--	--	--	--	--	--	--	--	--	--	--	--	0.3	--	--	0.8	--
Any illicit drug	21.6	41.9	33.1	24.0	44.2	35.5	18.3	45.7	34.2	15.3	38.7	28.7	17.5	39.1	30.3	19.5	38.3	30.4
Any illicit drug other than marijuana	17.0	25.8	22.0	17.8	25.4	22.1	14.0	23.6	19.6	10.9	19.2	15.7	12.6	17.3	15.4	11.5	19.4	16.0
Alcohol only	20.5	31.1	26.6	17.1	25.6	22.0	17.7	20.5	19.4	14.0	25.7	20.7	12.9	19.5	16.9	7.2	20.7	15.1
Alcohol or any illicit drug	42.1	72.7	59.4	41.0	69.7	57.5	36.0	66.1	53.4	29.3	64.2	49.1	30.1	58.9	47.1	26.3	58.8	45.0
Any illicit drug, but no alcohol	5.4	3.1	4.1	5.5	3.4	4.3	5.5	3.7	4.5	5.7	3.8	4.6	6.2	5.6	5.9	8.3	8.0	8.1

Note: The first 19 data rows show results for alcohol, cigarettes, and other drugs. The last five data rows show results for various combinations of drugs. For "Blacking Out," respondents were asked on how many occasions in their lifetime they woke up after a night of drinking and did not remember the things they did or the places they went. Ecstasy, Rohypnol, GHB and ketamine are provided as examples in the question about club drugs. The symbol "--" indicates that data are not available.

Table 5. Past-30-day trend in alcohol, tobacco and other drug use for Volusia, 2008 to 2018

	2008			2010			2012			2014			2016			2018		
	Middle School	High School	Total	Middle School	High School	Total	Middle School	High School	Total	Middle School	High School	Total	Middle School	High School	Total	Middle School	High School	Total
Alcohol	17.2	42.4	31.5	16.2	39.8	29.7	13.7	35.3	26.2	9.7	29.6	21.0	8.2	29.4	20.9	7.6	22.8	16.4
Binge Drinking	6.4	25.3	17.1	8.1	21.4	15.7	4.8	15.7	11.1	3.8	12.8	8.9	4.0	14.4	10.3	2.7	7.9	5.8
Cigarettes	5.4	13.8	10.2	5.0	12.8	9.4	4.5	14.0	10.0	3.7	6.6	5.3	2.1	6.9	4.9	1.8	4.4	3.3
Vaporizer / E-Cigarette	--	--	--	--	--	--	--	--	--	--	--	--	7.1	14.5	11.4	6.8	20.6	14.8
Marijuana or Hashish	5.8	19.8	13.8	7.1	21.8	15.5	4.8	20.3	14.0	6.1	19.0	13.5	5.6	20.5	14.4	7.3	19.2	14.1
Synthetic Marijuana	--	--	--	--	--	--	--	5.3	--	--	0.8	--	--	1.4	--	--	1.2	--
Inhalants	5.6	2.2	3.7	4.4	2.0	3.0	2.8	1.6	2.1	1.6	1.7	1.7	2.2	1.9	2.0	1.7	0.7	1.1
Flakka	--	--	--	--	--	--	--	--	--	--	--	--	--	0.5	--	--	0.1	--
Club Drugs	0.6	--	--	0.7	2.4	1.7	0.7	2.0	1.5	0.6	1.1	0.9	0.5	1.4	1.0	0.0	0.6	0.3
LSD, PCP or Mushrooms	0.8	--	--	0.8	2.3	1.7	0.7	2.6	1.8	0.7	2.8	1.9	0.2	1.9	1.2	0.0	1.6	0.9
Methamphetamine	0.6	0.4	0.5	0.7	0.9	0.8	0.5	0.1	0.3	0.8	0.5	0.6	0.0	0.0	0.0	0.0	0.4	0.2
Cocaine or Crack	0.7	--	--	0.9	1.0	1.0	1.0	0.7	0.8	0.7	1.3	1.0	0.3	0.9	0.7	0.1	0.7	0.4
Heroin	0.4	0.4	0.4	0.3	0.6	0.5	0.6	0.5	0.5	0.0	0.3	0.2	0.1	0.3	0.2	0.1	0.1	0.1
Prescription Depressants	1.2	5.1	3.4	1.4	4.3	3.1	0.3	2.5	1.6	2.0	3.2	2.7	0.9	3.2	2.3	0.6	3.2	2.1
Prescription Pain Relievers	2.5	5.1	4.0	2.9	5.6	4.4	1.1	2.6	2.0	1.4	2.6	2.1	2.2	1.4	1.7	0.5	1.8	1.3
Prescription Amphetamines	0.8	1.9	1.4	0.2	1.4	0.9	0.2	1.4	0.9	0.7	1.0	0.8	0.4	2.2	1.5	0.2	0.9	0.6
Steroids (without a doctor's order)	0.2	0.4	0.3	1.0	0.3	0.6	0.3	0.9	0.6	0.4	0.6	0.5	0.0	0.3	0.2	0.2	0.3	0.3
Over-the-Counter Drugs	2.7	--	--	1.9	3.0	2.6	2.1	2.9	2.6	1.8	2.2	2.0	2.0	2.5	2.3	1.1	2.0	1.6
Any illicit drug	11.9	23.3	18.4	12.5	25.1	19.7	9.2	24.4	18.1	8.0	22.3	16.1	9.5	23.1	17.6	9.7	21.7	16.7
Any illicit drug other than marijuana	8.8	11.0	10.1	8.7	12.0	10.6	6.3	9.7	8.3	4.7	9.1	7.2	6.2	10.0	8.5	3.6	7.3	5.7
Alcohol only	10.4	23.4	17.8	9.5	21.7	16.4	9.9	17.4	14.3	5.6	16.7	11.9	3.1	14.0	9.6	2.8	10.4	7.3
Alcohol or any illicit drug	22.2	46.3	35.9	21.8	46.6	36.0	19.1	41.4	32.0	13.6	38.1	27.6	13.5	37.5	27.7	12.5	32.0	23.7
Any illicit drug, but no alcohol	5.2	4.2	4.7	5.7	7.1	6.5	5.4	6.4	6.0	3.8	9.0	6.7	5.2	8.2	7.0	5.2	9.2	7.6

Note: The first 18 data rows show results for alcohol, cigarettes, and other drugs. The last five data rows show results for various combinations of drugs. Binge drinking is defined as having had five or more alcoholic drinks in a row in the past two weeks. Ecstasy, Rohypnol, GHB and ketamine are provided as examples in the question about club drugs. The symbol "--" indicates that data are not available.

Table 6. Percentages of Volusia and Florida Statewide youth who reported early ATOD use, perceived risk of harm, personal disapproval, parental disapproval and peer disapproval, 2018

	Volusia							Florida Statewide						
	Middle School	High School	Female	Male	Ages 10-14	Ages 15-17	Total	Middle School	High School	Female	Male	Ages 10-14	Ages 15-17	Total
Early ATOD use														
More than a sip of alcohol	--	20.7	23.6	17.9	--	18.0	--	--	17.6	17.1	18.1	--	17.1	--
Drinking at least once a month	--	2.9	3.3	2.6	--	2.9	--	--	2.5	2.4	2.5	--	2.5	--
Smoke cigarettes	--	8.9	11.1	6.3	--	8.5	--	--	7.4	6.9	7.9	--	7.6	--
Smoke marijuana	--	10.7	10.3	10.6	--	10.3	--	--	9.3	8.0	10.6	--	9.1	--
Great risk of harm														
1 or 2 drinks nearly every day	49.2	37.2	45.3	40.0	46.0	39.3	42.3	49.3	43.3	49.1	42.8	48.7	43.6	45.9
5+ drinks once or twice a week	64.9	50.0	56.7	56.3	61.2	52.1	56.3	62.1	55.0	61.3	54.9	61.9	55.3	58.0
1+ packs of cigarettes per day	68.7	65.5	66.1	67.9	66.9	66.2	66.9	66.8	67.1	67.6	66.6	67.3	67.2	67.0
Marijuana once or twice a week	49.5	21.5	33.6	33.5	45.7	21.5	33.4	49.1	23.3	35.2	33.7	47.1	23.1	34.4
Try marijuana once or twice	34.7	14.5	23.3	22.8	31.8	14.7	23.1	33.2	15.8	22.8	23.6	31.5	15.7	23.2
Use prescription drugs	70.6	70.1	71.0	69.2	69.9	72.2	70.3	68.2	67.1	69.5	65.9	68.2	67.0	67.6
Think it would be wrong to...														
Smoke cigarettes	97.1	88.5	92.4	92.1	97.1	88.8	92.2	95.6	89.8	92.6	92.1	95.6	90.8	92.3
Drink alcohol regularly	89.0	66.2	76.9	75.0	87.6	66.0	75.9	88.4	67.2	75.9	76.7	87.1	67.7	76.3
Smoke marijuana	87.3	56.1	67.8	71.3	84.7	56.6	69.5	88.5	60.9	72.9	72.8	86.7	61.1	72.8
Smoke synthetic marijuana	93.4	86.8	90.9	88.7	92.6	87.5	89.6	92.3	88.3	90.0	90.1	91.9	88.4	90.0
Use other illicit drugs	98.4	94.1	96.9	95.1	98.8	93.5	96.0	97.3	94.3	96.2	95.1	97.2	94.6	95.6
Parents think it would be wrong to...														
1 or 2 drinks nearly every day	97.4	95.1	96.1	96.0	97.5	95.5	96.1	97.6	94.2	95.7	95.5	97.3	94.4	95.6
Smoke cigarettes	98.6	96.1	96.1	98.1	99.1	96.4	97.1	98.8	97.4	98.1	97.9	98.8	97.7	98.0
Smoke marijuana	94.5	83.2	86.1	89.9	94.3	82.1	87.9	96.4	87.9	91.8	91.2	96.0	88.2	91.5
Use prescription drugs	98.7	96.1	96.3	98.0	98.9	95.5	97.2	98.1	97.1	97.3	97.8	98.0	97.1	97.5
Friends think it would be wrong to...														
1 or 2 drinks nearly every day	87.5	79.7	86.1	80.3	86.0	80.5	83.0	90.9	81.2	87.1	83.7	90.0	81.3	85.3
Smoke tobacco	95.6	88.8	93.3	90.6	95.6	89.1	91.7	94.4	88.7	92.1	90.2	94.1	89.3	91.1
Smoke marijuana	84.1	52.9	65.8	66.6	80.9	52.7	66.1	87.0	59.1	71.5	70.6	84.7	59.3	71.0
Use prescription drugs	94.6	92.5	95.1	91.5	94.2	92.9	93.4	95.0	91.8	94.1	92.3	94.7	91.9	93.2

Note: Early ATOD use is defined as the percentage of high school students who started using at age 13 or younger. The symbol "--" indicates that data are not available.

Table 7. Trends in early ATOD use and attitudes toward substance use for Volusia, 2008 to 2018

	2008			2010			2012			2014			2016			2018		
	Middle School	High School	Total	Middle School	High School	Total	Middle School	High School	Total	Middle School	High School	Total	Middle School	High School	Total	Middle School	High School	Total
Early ATOD use																		
Try alcohol	--	33.3	--	--	28.6	--	--	32.6	--	--	21.0	--	--	20.0	--	--	20.7	--
Drink monthly	--	6.7	--	--	5.7	--	--	7.9	--	--	4.4	--	--	4.0	--	--	2.9	--
Smoke cigarettes	--	22.0	--	--	17.0	--	--	17.3	--	--	14.1	--	--	9.9	--	--	8.9	--
Smoke marijuana	--	13.3	--	--	13.4	--	--	16.2	--	--	11.2	--	--	13.5	--	--	10.7	--
Great risk of harm																		
Daily alcohol use	41.9	37.4	39.3	39.4	38.8	39.1	44.0	36.8	39.8	45.7	34.9	39.5	46.9	35.0	39.8	49.2	37.2	42.3
5+ drinks daily	--	--	--	--	--	--	--	--	--	60.9	49.5	54.4	59.5	46.3	51.7	64.9	50.0	56.3
Daily cigarette use	67.7	69.0	68.4	67.7	66.0	66.7	65.9	68.3	67.3	66.6	70.9	69.0	69.1	60.3	64.0	68.7	65.5	66.9
Marijuana weekly*	--	--	--	--	--	--	--	--	--	53.2	23.0	35.9	52.1	22.3	34.5	49.5	21.5	33.4
Try marijuana	41.9	20.5	29.8	33.2	18.2	24.6	38.6	17.9	26.6	34.5	12.7	22.0	32.7	15.2	22.4	34.7	14.5	23.1
Prescription drugs	--	--	--	--	--	--	--	72.2	72.2	78.3	77.0	77.5	72.4	70.2	71.1	70.6	70.1	70.3
Think it wrong																		
Smoke cigarettes	89.2	70.1	78.3	89.9	74.3	81.0	91.9	75.7	82.6	94.9	82.5	87.8	95.3	84.8	89.1	97.1	88.5	92.2
Drink regularly	80.6	49.2	62.8	80.0	54.3	65.3	86.1	56.7	69.3	89.7	59.4	72.4	86.1	58.7	70.0	89.0	66.2	75.9
Smoke marijuana	89.6	67.4	77.0	86.2	66.2	74.8	90.6	61.2	73.7	89.4	60.0	72.6	87.3	57.9	70.1	87.3	56.1	69.5
Smoke synthetic marijuana	--	--	--	--	--	--	--	--	--	--	--	--	92.8	89.1	90.6	93.4	86.8	89.6
Use other illicit drugs	96.6	93.1	94.6	96.3	91.1	93.4	97.1	93.5	95.0	97.2	95.0	95.9	98.1	92.0	94.5	98.4	94.1	96.0
Parents think it wrong																		
Daily alcohol use*	--	--	--	--	--	--	--	--	--	96.0	91.1	93.1	96.8	91.4	93.5	97.4	95.1	96.1
Smoke cigarettes	96.4	90.5	93.0	97.4	91.2	93.9	98.8	91.4	94.4	97.2	95.7	96.3	98.1	93.6	95.4	98.6	96.1	97.1
Smoke marijuana	96.3	90.7	93.0	95.0	88.9	91.5	97.2	86.0	90.6	95.0	86.8	90.1	96.7	85.2	89.7	94.5	83.2	87.9
Prescription drugs	--	--	--	--	--	--	--	--	--	97.5	98.5	98.1	97.8	97.4	97.5	98.7	96.1	97.2
Friends think it wrong																		
Daily alcohol use	--	--	--	--	--	--	--	--	--	90.9	74.8	81.7	91.1	75.5	82.0	87.5	79.7	83.0
Smoke tobacco	--	--	--	--	--	--	--	--	--	93.2	81.3	86.4	94.4	86.5	89.7	95.6	88.8	91.7
Smoke marijuana	--	--	--	--	--	--	--	--	--	85.4	58.0	69.7	86.3	57.6	69.4	84.1	52.9	66.1
Prescription drugs	--	--	--	--	--	--	--	--	--	96.7	92.9	94.5	97.0	91.4	93.7	94.6	92.5	93.4

Note: Early ATOD use is defined as the percentage of high school students who started using at age 13 or younger. The symbol "--" indicates that data are not available.

* In 2014, the description of marijuana use in the risk of harm question was changed from "regularly" to "once or twice a week." Also, in 2014, the description of alcohol use in the parent disapproval question was changed from "regularly" to "nearly every day." For these items, care should be exercised when comparing 2014 data to previous years.

Table 8. Among high school drinkers, usual source of alcohol within the past 30 days, Volusia and Florida Statewide youth, 2018

	Volusia							Florida Statewide						
	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>
Bought in a store	--	11.5	6.9	17.0	--	12.0	--	--	7.9	4.9	11.3	--	7.0	--
Bought in a restaurant, bar, or club	--	0.6	0.0	1.4	--	0.0	--	--	1.7	2.1	1.2	--	1.6	--
Bought at a public event	--	0.0	0.0	0.0	--	0.0	--	--	1.1	1.2	1.1	--	1.1	--
Someone bought it for me	--	15.3	9.2	22.6	--	12.1	--	--	15.2	15.4	15.2	--	15.1	--
Someone gave it to me	--	42.2	55.9	26.1	--	46.4	--	--	41.9	45.7	37.4	--	42.3	--
Took it from a store	--	0.0	0.0	0.0	--	0.0	--	--	0.6	0.4	0.7	--	0.5	--
Took it from a family member	--	15.7	11.5	22.5	--	14.6	--	--	13.8	16.1	10.9	--	14.6	--
Some other way	--	14.7	16.4	10.4	--	14.9	--	--	17.8	14.3	22.2	--	17.9	--

Note: The symbol "--" indicates that data are not available.

Table 9. Among high school drinkers, usual drinking location within the past 30 days, Volusia and Florida Statewide youth, 2018

	Volusia							Florida Statewide						
	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>
My home	--	45.7	46.1	44.6	--	48.7	--	--	41.0	41.9	39.5	--	41.5	--
Another person's home	--	42.1	43.1	40.6	--	39.6	--	--	38.3	39.0	37.8	--	38.2	--
Car or other vehicle	--	1.2	2.3	0.0	--	1.9	--	--	1.5	1.7	1.3	--	1.6	--
Restaurant, bar, or club	--	1.5	2.7	0.0	--	0.9	--	--	3.3	4.4	1.6	--	2.7	--
Public place	--	1.0	1.9	0.0	--	1.6	--	--	3.6	2.8	4.5	--	3.5	--
Public event	--	1.0	1.9	0.0	--	0.0	--	--	1.7	1.5	1.9	--	1.6	--
School property	--	1.1	1.0	1.3	--	0.9	--	--	1.2	0.8	1.8	--	1.3	--
Some other place	--	6.3	1.0	13.5	--	6.5	--	--	9.4	7.8	11.6	--	9.6	--

Note: The symbol "--" indicates that data are not available.

Table 10. Among high school drinkers, number of drinks usually consumed per day, on the days students drank in the past 30 days, Volusia and Florida Statewide youth, 2018

	Volusia							Florida Statewide						
	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>
1	--	40.2	52.7	22.4	--	43.7	--	--	30.0	33.1	26.0	--	30.5	--
2	--	25.3	18.8	35.8	--	23.4	--	--	23.5	24.0	22.7	--	23.8	--
3	--	12.7	9.6	17.9	--	13.3	--	--	14.9	15.9	13.9	--	14.7	--
4	--	4.0	1.8	7.4	--	1.8	--	--	10.7	10.9	10.5	--	10.6	--
5 or more	--	17.8	17.1	16.6	--	17.7	--	--	20.9	16.1	26.8	--	20.4	--

Note: The symbol "--" indicates that data are not available.

Table 11. Percentages of Volusia and Florida Statewide youth who reported drinking alcohol, smoking marijuana, or using another drug to get high before or during school in the past 12 months, 2018

	Volusia							Florida Statewide						
	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>
Drinking alcohol	3.1	8.5	7.1	5.5	3.3	9.4	6.2	3.7	6.7	5.9	4.8	3.8	7.0	5.4
Smoking marijuana	5.7	14.1	9.2	12.0	5.9	15.3	10.5	3.7	13.0	8.7	9.2	4.1	13.3	9.0
Used another drug to get high	1.4	4.2	2.4	3.6	1.4	4.4	3.0	1.7	3.7	2.6	3.1	1.9	3.7	2.9

Table 12. Percentages of Volusia and Florida Statewide youth who reported engaging in delinquent behavior within the past 12 months, 2018

	Volusia							Florida Statewide						
	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>
Carrying a handgun	8.9	6.5	6.6	8.5	7.8	7.5	7.5	5.7	6.2	3.2	8.7	5.6	6.4	6.0
Selling drugs	1.6	6.0	2.6	5.7	2.4	5.5	4.2	1.5	5.7	2.7	5.1	1.8	5.6	3.9
Attempting to steal a vehicle	1.1	1.6	1.4	1.5	0.7	1.7	1.4	1.4	1.6	1.2	1.8	1.4	1.6	1.5
Being arrested	3.1	2.3	2.8	2.5	2.8	2.3	2.6	1.7	2.6	1.7	2.8	1.8	2.7	2.3
Taking a handgun to school	0.0	1.1	0.8	0.6	0.0	1.1	0.7	0.4	0.8	0.3	0.9	0.5	0.8	0.6
Getting suspended	12.5	10.6	9.7	13.0	12.6	10.2	11.4	10.7	8.7	7.3	11.7	10.4	8.9	9.5
Attacking someone with intent to harm	8.1	5.9	7.6	6.2	7.1	6.9	6.8	7.2	5.9	5.6	7.3	7.0	6.0	6.5

Table 13. Trends in delinquent behaviors for Volusia, 2008 to 2018

	2008			2010			2012			2014			2016			2018		
	<i>Middle School</i>	<i>High School</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Total</i>
Carrying a handgun	3.5	6.2	5.1	5.9	4.9	5.3	5.3	5.9	5.6	4.7	8.2	6.7	4.3	7.4	6.2	8.9	6.5	7.5
Selling drugs	3.1	9.4	6.8	3.9	10.0	7.4	2.0	8.9	6.1	3.5	9.0	6.7	2.5	7.7	5.7	1.6	6.0	4.2
Attempting to steal a vehicle	2.6	3.0	2.9	1.6	2.7	2.2	1.2	2.1	1.8	1.2	2.5	2.0	0.7	1.4	1.1	1.1	1.6	1.4
Being arrested	4.3	6.8	5.7	4.0	6.0	5.1	2.8	4.8	4.0	1.3	3.4	2.5	1.6	3.0	2.5	3.1	2.3	2.6
Taking a handgun to school	0.8	1.2	1.0	0.9	1.4	1.2	0.6	1.2	1.0	0.7	0.4	0.5	0.1	0.9	0.6	0.0	1.1	0.7
Getting suspended	16.1	12.8	14.2	15.7	11.2	13.1	13.1	11.4	12.1	11.4	10.1	10.6	13.8	8.6	10.6	12.5	10.6	11.4
Attacking someone with intent to harm	10.8	13.2	12.2	9.2	12.0	10.9	8.7	9.8	9.4	4.8	5.9	5.4	6.3	5.3	5.7	8.1	5.9	6.8

Table 14. Percentages of Volusia and Florida Statewide youth who reported symptoms of depression, 2018

	Volusia							Florida Statewide						
	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>
Sometimes I think that life is not worth it	26.8	33.5	37.9	23.4	29.3	28.8	30.7	26.5	29.5	35.9	20.5	26.9	30.1	28.2
At times I think I am no good at all	38.8	44.3	53.2	31.0	40.4	42.4	42.0	38.2	40.8	49.9	29.6	38.8	41.6	39.7
All in all, I am inclined to think that I am a failure	24.5	32.2	33.8	23.7	26.6	30.2	28.9	24.5	26.3	32.1	18.8	24.8	27.3	25.5
In the past year, have you felt depressed or sad MOST days, even if you felt OK sometimes?	40.2	47.2	56.3	32.7	41.6	46.0	44.2	40.6	44.1	53.1	32.2	40.5	45.3	42.6

Table 15. Percentages of Volusia and Florida Statewide youth who reported involvement in bullying behavior, 2018

	Volusia							Florida Statewide						
	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>
Skipped school because of bullying	7.8	10.8	14.0	4.9	8.4	9.0	9.6	7.7	8.4	11.7	4.5	7.7	8.5	8.1
Was ever kicked or shoved	38.2	28.4	30.7	34.5	39.5	25.3	32.6	36.9	22.6	27.2	30.1	35.9	22.5	28.8
Was ever taunted or teased	62.4	55.7	63.2	54.5	63.4	53.2	58.6	62.7	50.9	60.6	51.4	62.1	51.4	56.0
Was ever a victim of cyber bullying	26.4	35.3	40.3	23.1	28.4	33.4	31.5	23.0	27.6	33.5	17.9	23.4	28.3	25.6
Ever physically bullied others	16.7	13.6	11.0	18.9	17.4	12.2	14.9	19.1	12.1	12.0	18.0	18.4	12.0	15.1
Ever verbally bullied others	24.0	25.9	22.1	28.1	25.3	24.6	25.1	30.3	24.7	25.7	28.3	30.0	24.9	27.1
Ever cyber bullied others	8.9	16.5	14.4	12.4	10.4	15.6	13.3	10.0	11.6	12.3	9.6	10.2	11.8	10.9

Table 16. Percentages of Volusia and Florida Statewide youth who reported gang membership, 2018

	Volusia							Florida Statewide						
	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>
Have you ever belonged to a gang?	3.3	1.2	1.1	3.1	2.9	1.3	2.0	3.8	3.7	2.4	5.0	3.6	3.8	3.7
Did that gang have a name?	24.3	8.6	9.1	19.8	19.9	12.0	14.6	25.5	16.2	14.4	23.1	24.0	17.0	19.4
Are you a gang member now?	--	0.8	0.9	0.7	--	0.9	--	--	2.3	1.4	3.3	--	2.3	--

Note: The prevalence rates for “Did that gang have a name?” exclude students who reported that they have never belonged to a gang. The symbol “--” indicates that data are not available.

Table 17. Percentages of Volusia and Florida Statewide youth who “agree” or “strongly agree” with statements indicating impulsiveness or a lack of self-control, 2018

	Volusia							Florida Statewide						
	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>
I often do what brings me pleasure now	26.3	28.9	27.5	28.1	25.7	30.0	27.8	29.3	28.3	29.0	28.3	28.9	28.8	28.7
I'm more concerned with the short run	24.3	18.9	20.8	21.3	23.3	20.1	21.1	25.6	21.6	24.2	22.3	25.1	22.4	23.3
Getting in trouble is exciting	21.1	30.8	27.2	25.5	25.0	29.7	26.8	23.3	27.7	25.6	25.9	24.1	27.9	25.8
Excitement is more important than security	24.7	28.4	24.6	28.3	26.9	26.9	26.9	23.5	23.5	21.4	25.5	23.5	23.5	23.5
People better stay away from me when I'm really angry	37.9	35.2	38.2	34.8	36.2	36.8	36.3	36.0	32.5	35.8	32.1	35.7	33.0	34.0
I get upset when I have a disagreement with someone	48.7	39.7	48.3	38.8	49.5	36.2	43.4	45.0	38.0	47.4	34.6	45.0	38.3	41.0

Note: The symbol “-” indicates that data are not available.

Table 18. Percentages of Volusia and Florida Statewide youth who reported participation in extracurricular activities, 2018

	Volusia							Florida Statewide						
	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Female</i>	<i>Male</i>	<i>Ages 10-14</i>	<i>Ages 15-17</i>	<i>Total</i>
School Sports	27.2	39.7	34.0	34.5	29.5	42.1	34.4	36.0	39.7	34.7	41.4	36.8	40.0	38.1
Organized Sports Outside of School	36.1	23.2	28.6	29.2	35.4	22.6	28.7	38.6	19.8	25.7	30.1	37.2	19.7	27.9
School Band	18.4	8.8	13.7	12.0	17.0	8.1	12.9	17.3	8.1	12.5	11.6	16.6	8.0	12.0
School Club(s)	20.0	30.8	30.6	22.5	20.3	31.8	26.2	22.2	30.2	34.6	19.4	22.8	30.4	26.8
Community Club(s)	12.0	13.6	18.2	7.8	10.4	15.0	12.9	8.5	11.7	13.3	7.5	8.4	11.6	10.3

Table 19. Percentages of high school students who reported *riding in* a vehicle within the past 30 days driven by someone who had been drinking alcohol or using marijuana, or *driving* a vehicle within the past 30 days after drinking alcohol or using marijuana, among Volusia and Florida Statewide youth, 2018

	Volusia							Florida Statewide						
	Middle School	High School	Female	Male	Ages 10-14	Ages 15-17	Total	Middle School	High School	Female	Male	Ages 10-14	Ages 15-17	Total
<i>Riding in a vehicle</i>														
Alcohol	--	17.0	23.0	10.8	--	16.8	--	--	14.3	15.1	13.4	--	14.3	--
Marijuana	--	26.7	33.0	20.8	--	26.8	--	--	22.9	24.4	21.5	--	22.8	--
<i>Driving a vehicle</i>														
Alcohol	--	3.9	3.2	4.5	--	4.6	--	--	4.4	3.8	4.9	--	4.3	--
Marijuana	--	9.0	7.5	10.4	--	8.5	--	--	9.5	8.7	10.1	--	9.2	--

Note: The symbol "--" indicates that data are not available.

Table 20. Trends for high school students *riding in* a vehicle within the past 30 days driven by someone who had been drinking alcohol or using marijuana, or *driving* a vehicle within the past 30 days after drinking alcohol or using marijuana, for Volusia, 2012 and 2018

	2008			2010			2012			2014			2016			2018		
	<i>Middle School</i>	<i>High School</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Total</i>	<i>Middle School</i>	<i>High School</i>	<i>Total</i>
<i>Riding in a vehicle</i>																		
Alcohol	--	--	--	--	--	--	--	25.2	--	--	18.7	--	--	18.6	--	--	17.0	--
Marijuana	--	--	--	--	--	--	--	29.6	--	--	25.0	--	--	24.9	--	--	26.7	--
<i>Driving a vehicle</i>																		
Alcohol	--	--	--	--	--	--	--	8.6	--	--	5.8	--	--	6.7	--	--	3.9	--
Marijuana	--	--	--	--	--	--	--	13.5	--	--	10.8	--	--	11.2	--	--	9.0	--

Note: The symbol "--" indicates that data are not available.

Table 21. Protective factor prevalence rates for Volusia, Florida Statewide youth and the national normative database, 2018

Domain	Scale	Volusia		Florida Statewide		National Norms	
		<i>Middle School</i>	<i>High School</i>	<i>Middle School</i>	<i>High School</i>	<i>Middle School</i>	<i>High School</i>
Family	Family Opportunities for Prosocial Involvement	60	60	58	57	59	54
	Family Rewards for Prosocial Involvement	51	57	50	51	54	55
School	School Opportunities for Prosocial Involvement	48	60	54	64	57	60
	School Rewards for Prosocial Involvement	37	45	45	55	53	58
Peer and Individual	Religiosity	43	43	46	54	56	62
Average Prevalence Rate		48	53	51	56	56	58

Note: Because risk is associated with negative behavioral outcomes, it is better to have lower risk factor scale scores, not higher. Conversely, because protective factors are associated with better student behavioral outcomes, it is better to have protective factor scale scores with high values.

Table 22. Risk factor prevalence rates for Volusia, Florida Statewide youth and the national normative database, 2018

Domain	Scale	Volusia		Florida Statewide		National Norms	
		Middle School	High School	Middle School	High School	Middle School	High School
Community	Community Disorganization	40	42	38	40	47	47
	Transitions and Mobility	57	56	59	61	47	46
	Laws and Norms Favorable to Drug Use	42	36	38	32	42	42
	Perceived Availability of Drugs	41	29	35	24	45	45
	Perceived Availability of Handguns	27	33	24	34	25	42
Family	Poor Family Management	41	34	43	37	44	45
	Family Conflict	41	38	39	34	42	37
School	Poor Academic Performance	36	44	43	43	45	48
	Lack of Commitment to School	61	60	60	57	47	46
Peer and Individual	Favorable Attitudes toward Antisocial Behavior	42	37	43	36	40	46
	Favorable Attitudes toward ATOD Use	35	40	35	34	39	45
	Early Initiation of Drug Use	25	22	24	19	41	46
Average Prevalence Rate		41	39	40	38	40	45

Note: Because risk is associated with negative behavioral outcomes, it is better to have lower risk factor scale scores, not higher. Conversely, because protective factors are associated with better student behavioral outcomes, it is better to have protective factor scale scores with high values.

Table 23. Protective factor prevalence rate trends among middle school students for Volusia, 2008 to 2018

Domain	Scale	Volusia					
		2008	2010	2012	2014	2016	2018
Family	Family Opportunities for Prosocial Involvement	56	55	58	59	63	60
	Family Rewards for Prosocial Involvement	50	55	53	55	59	51
School	School Opportunities for Prosocial Involvement	41	39	41	44	46	48
	School Rewards for Prosocial Involvement	41	43	43	49	39	37
Peer and Individual	Religiosity	47	50	45	46	45	43
Average Prevalence Rate		47	48	48	51	50	48

Note: Because risk is associated with negative behavioral outcomes, it is better to have lower risk factor scale scores, not higher. Conversely, because protective factors are associated with better student behavioral outcomes, it is better to have protective factor scale scores with high values.

Table 24. Risk factor prevalence rate trends among middle school students for Volusia, 2008 to 2018

Domain	Scale	Volusia					
		2008	2010	2012	2014	2016	2018
Community	Community Disorganization	49	48	49	41	41	40
	Transitions and Mobility	61	61	60	55	55	57
	Laws and Norms Favorable to Drug Use	48	47	38	39	37	42
	Perceived Availability of Drugs	52	54	44	44	43	41
	Perceived Availability of Handguns	29	28	27	28	31	27
Family	Poor Family Management	49	46	42	40	37	41
	Family Conflict	40	40	43	39	44	41
School	Poor Academic Performance	42	38	41	40	42	36
	Lack of Commitment to School	57	57	53	56	56	61
Peer and Individual	Favorable Attitudes toward Antisocial Behavior	51	52	46	40	45	42
	Favorable Attitudes toward ATOD Use	42	42	32	33	35	35
	Early Initiation of Drug Use	38	36	31	25	22	25
Average Prevalence Rate		46	47	42	40	41	41

Note: Because risk is associated with negative behavioral outcomes, it is better to have lower risk factor scale scores, not higher. Conversely, because protective factors are associated with better student behavioral outcomes, it is better to have protective factor scale scores with high values.

Table 25. Protective factor prevalence rate trends among high school students for Volusia, 2008 to 2018

Domain	Scale	Volusia					
		2008	2010	2012	2014	2016	2018
Family	Family Opportunities for Prosocial Involvement	53	55	53	58	61	60
	Family Rewards for Prosocial Involvement	54	52	50	58	58	57
School	School Opportunities for Prosocial Involvement	61	60	57	63	64	60
	School Rewards for Prosocial Involvement	58	59	58	54	55	45
Peer and Individual	Religiosity	57	57	54	54	50	43
Average Prevalence Rate		57	57	54	57	58	53

Note: Because risk is associated with negative behavioral outcomes, it is better to have lower risk factor scale scores, not higher. Conversely, because protective factors are associated with better student behavioral outcomes, it is better to have protective factor scale scores with high values.

Table 26. Risk factor prevalence rate trends among high school students for Volusia, 2008 to 2018

Domain	Scale	Volusia					
		2008	2010	2012	2014	2016	2018
Community	Community Disorganization	48	49	46	52	48	42
	Transitions and Mobility	62	60	67	62	56	56
	Laws and Norms Favorable to Drug Use	40	40	41	38	39	36
	Perceived Availability of Drugs	44	42	37	36	35	29
	Perceived Availability of Handguns	45	42	39	43	39	33
Family	Poor Family Management	49	45	40	38	39	34
	Family Conflict	38	39	43	37	31	38
School	Poor Academic Performance	44	47	46	45	47	44
	Lack of Commitment to School	50	58	52	59	57	60
Peer and Individual	Favorable Attitudes toward Antisocial Behavior	51	43	41	42	39	37
	Favorable Attitudes toward ATOD Use	44	43	41	41	41	40
	Early Initiation of Drug Use	38	33	35	28	26	22
Average Prevalence Rate		46	47	45	43	41	39

Note: Because risk is associated with negative behavioral outcomes, it is better to have lower risk factor scale scores, not higher. Conversely, because protective factors are associated with better student behavioral outcomes, it is better to have protective factor scale scores with high values.