

# Instructions for Creating a Sample for a Child Protective Investigations (CPI) Quality Assurance Review

#### Overview

CPI Quality Assurance (QA) reviews are to be completed in each circuit at least twice a year. The <u>sample will be taken from two (2) months of closed reports</u>. The sample size for each semi-annual review will be one half (½) of the number of reports that would give you a statistical 90% confidence level and a 10% confidence interval (90/10 sample). The typical sample size for the half year review will be 30-35 reports per circuit.

The Florida Safe Families Network (FSFN) report you will use is a district report. Depending on the circuit, you will need to sort and filter to get the counties you need. You may also need to sort and combine different district reports.

#### Instructions

#### Timeline –

- 1. The sample list will be generated and sent to the circuit 30 days prior to the review beginning.
- 2. The sample comes from reports closed during a two (2) calendar month period prior to the date the list is generated.

#### Example:

Review date = July 1st
Sample generated date = June 1st
Months sampled = reports closed in April and
May

## Pull the FSFN Reports

In FSFN, go to Utilities, then Reporting.















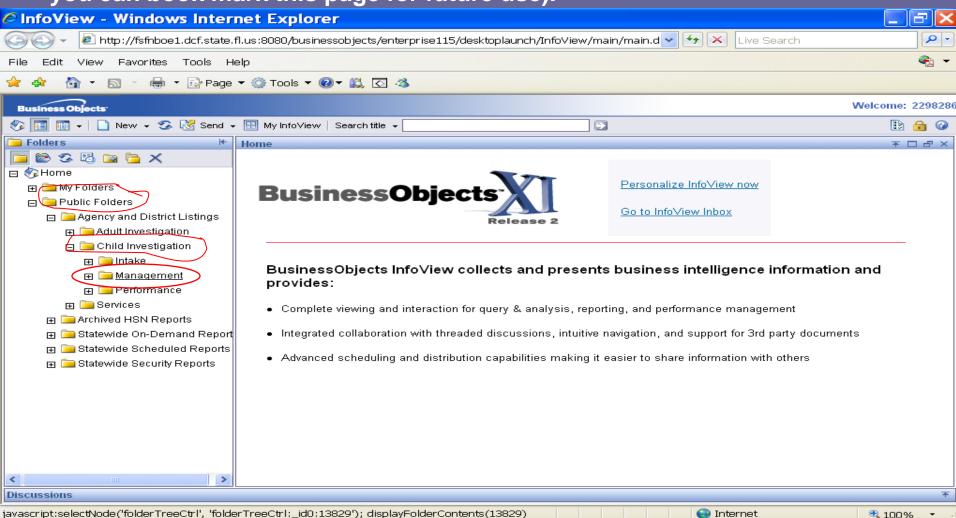
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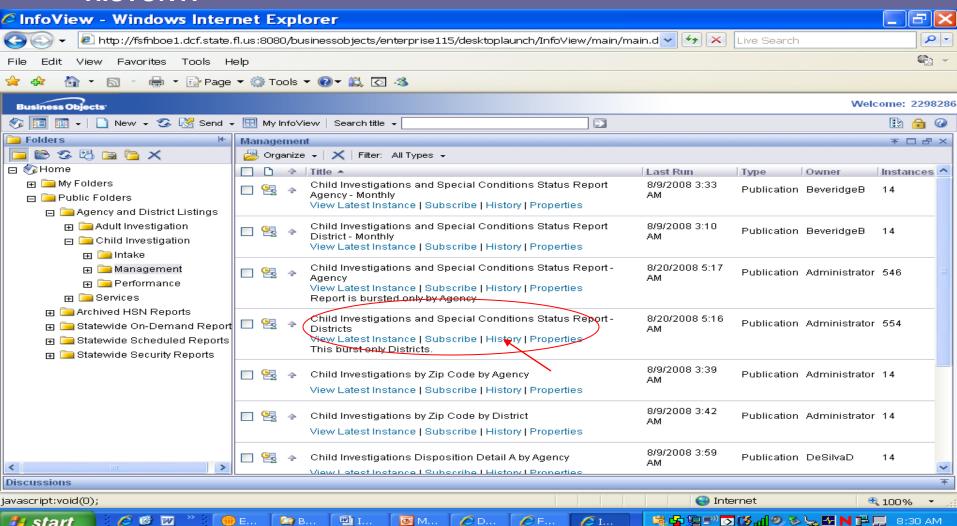




Click on Public Folders / Child Investigation / Management (at this point you can book mark this page for future use).

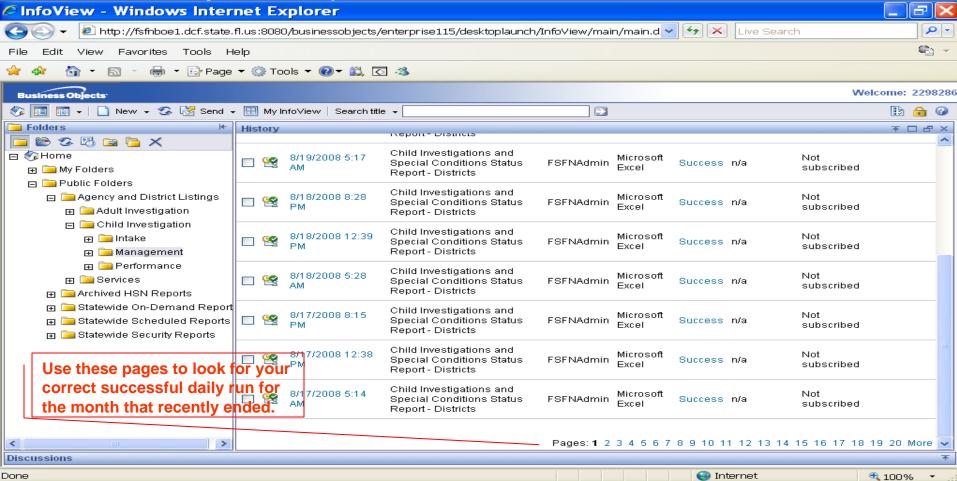


Search for the Child Investigations and Special Conditions Status Report District (a daily report). Do not use the monthly one. Next, select HISTORY.



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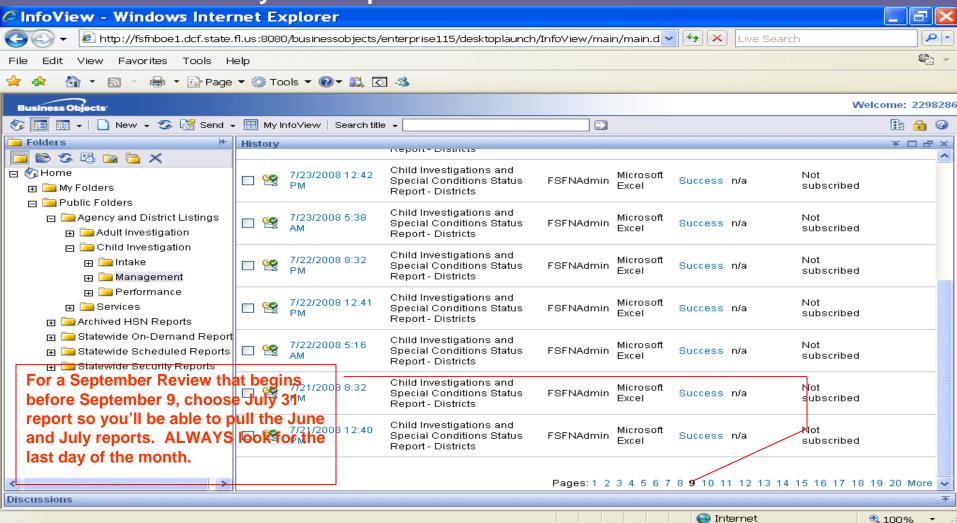
Choose the last successful daily run for the month that recently ended. This will give you 2 months of closed reports (Example: If is currently July, choose the last successful run for June 30th. This will give you reports closed in May and June).



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Choose the district report you desire by clicking on the report link and save the file to your computer/server.



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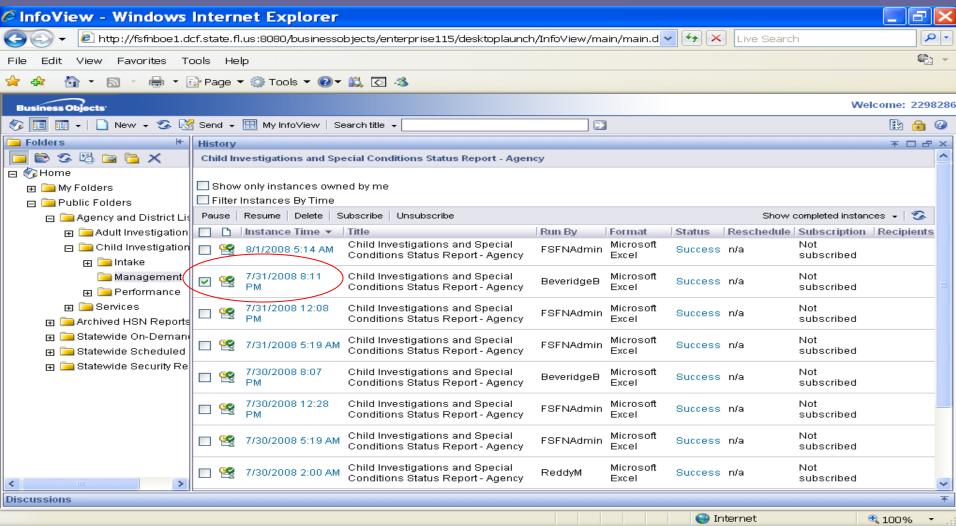
Open the report in Excel.

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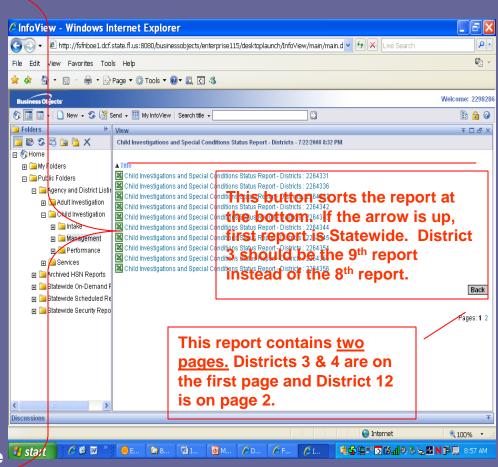
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If you have access to a FSFN statewide view, the Excel reports are always listed in the order below:

- **➢District 2**
- **≻District 10**
- **➢District 11**
- **▶District 13**
- **➢District 14**
- **➢District 15**
- **➢District 1**
- **➢District 3 (little tricky to find)**
- ➤ District 4 (if you find D3, most likely D4 is the next report)
- **▶District 7**
- **≻District 8**
- **➢District 9**
- **>District 23**
- ➤ District 12 (base from my experience this is always the last)
- Statewide (not always present or could be the first report on page one)



Open the report in Excel.

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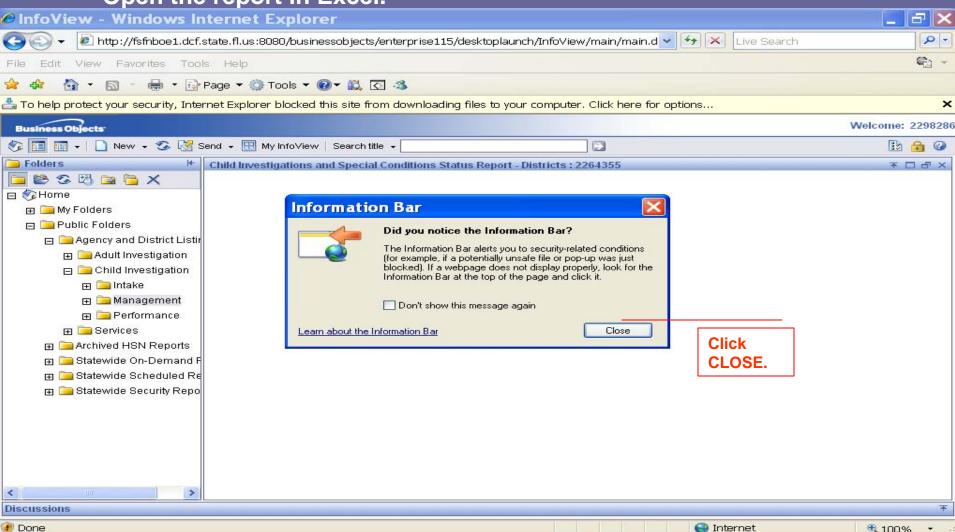
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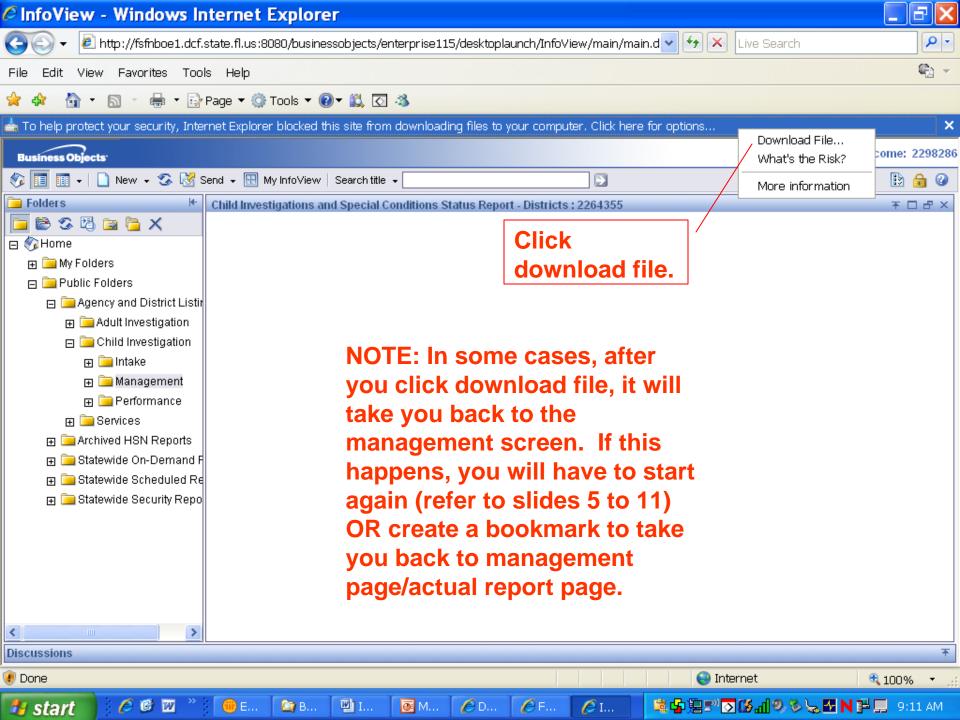
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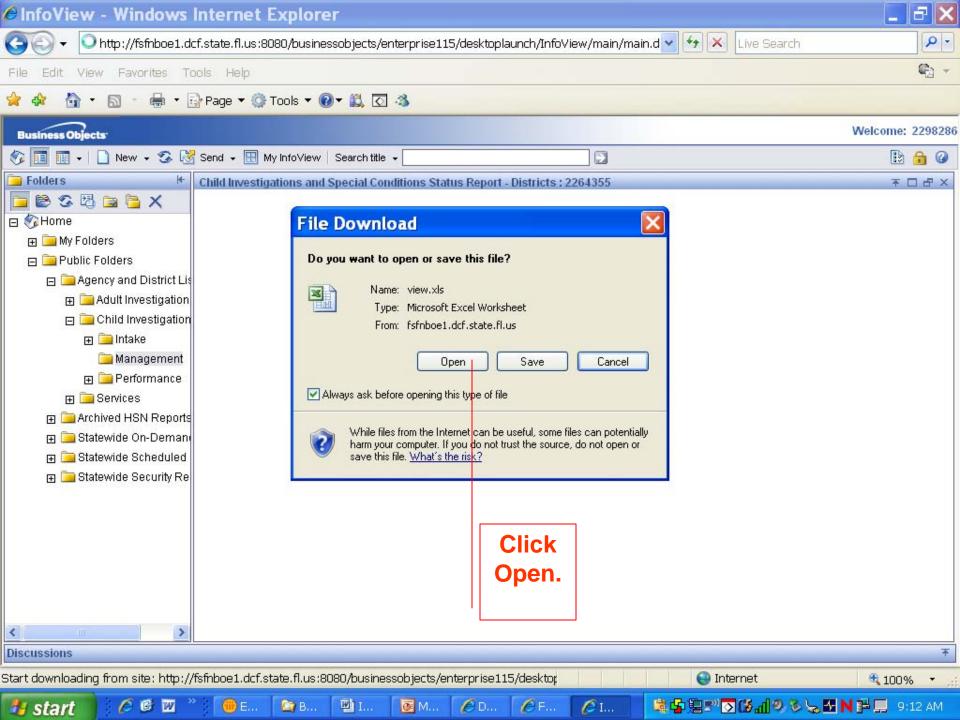
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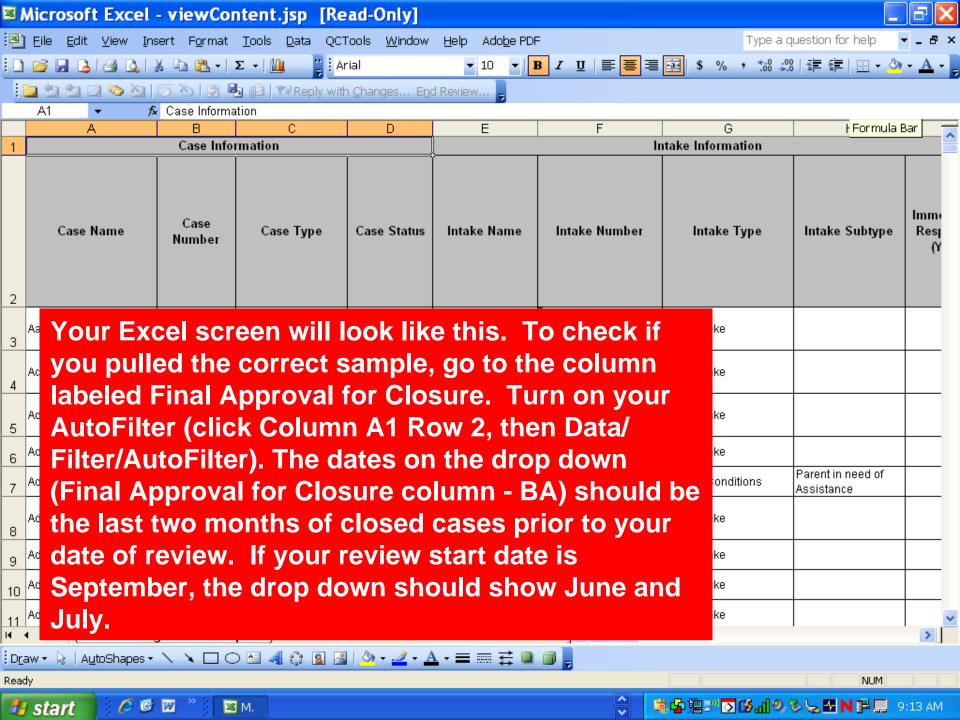
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Once the report is opened in Excel, perform Sort and Delete. Show only the reports (rows) that meet the criteria. Delete all other reports (rows):

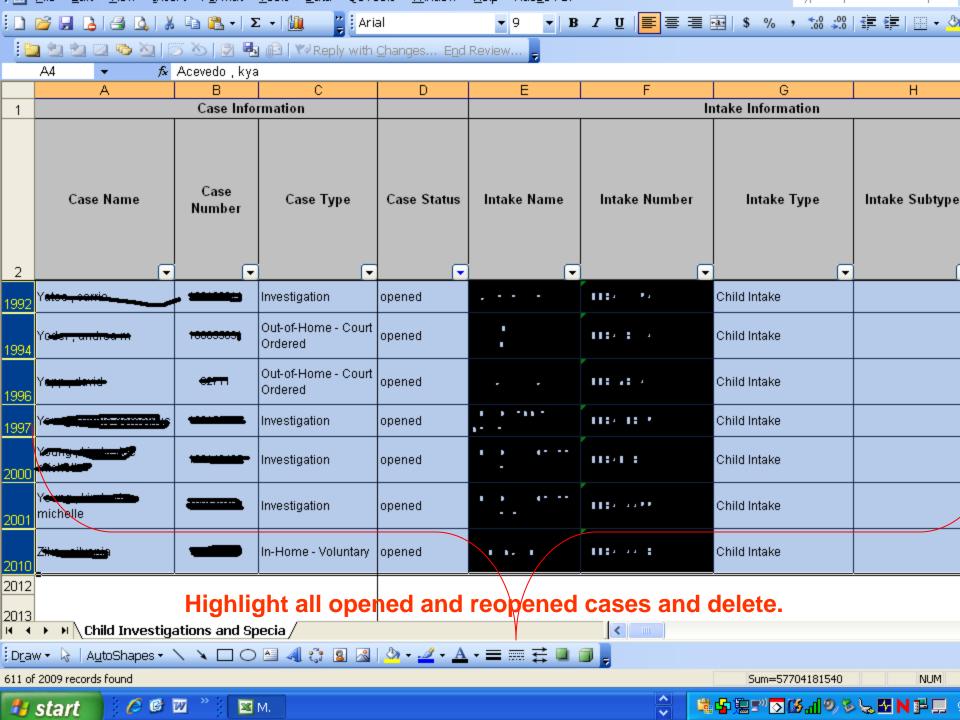
- a. Investigation/Special Condition Referral Status is "Closed" (open or reopened cases are to be deleted)
- b. Investigation Sub-type is "In-Home" (all other sub types should be deleted)
- c. County(ies) only the county(ies) you are reviewing within the circuit.

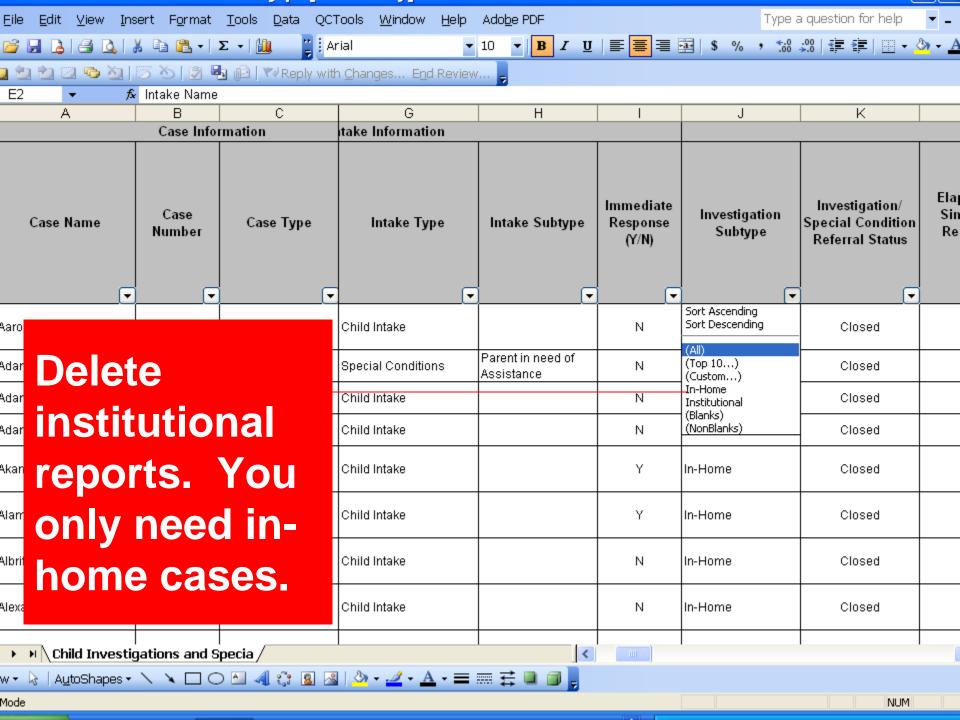
Keeping in mind the first two header rows, determine the number of rows (reports) on the FSFN report. This is your SAMPLE POPULATION.

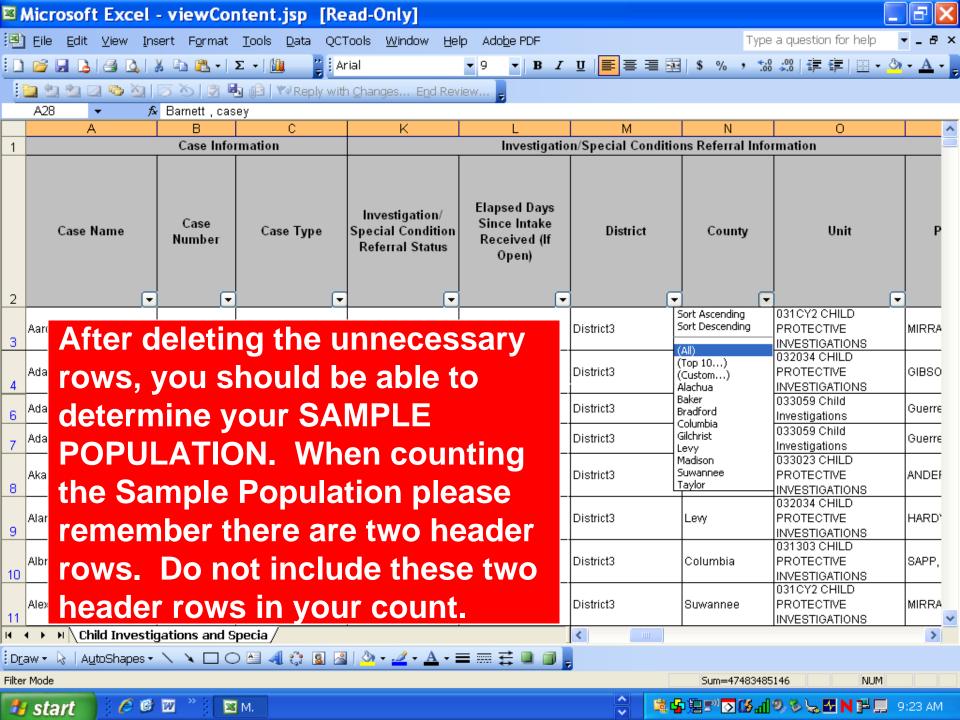
Save the file.

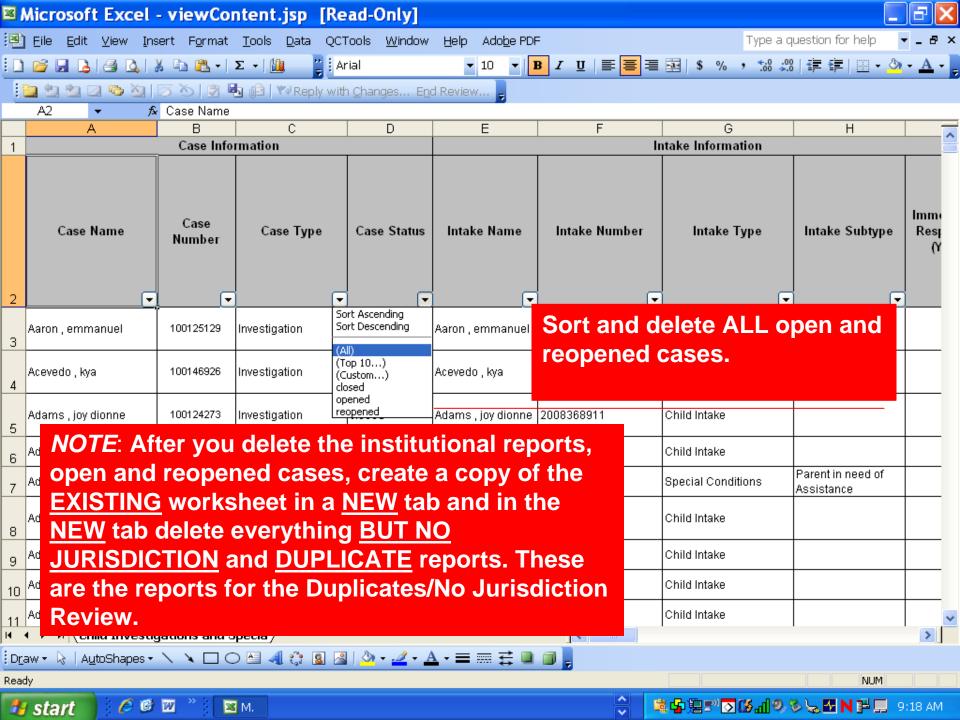


Whatever you do, please do not alter the format of the columns you downloaded from FSFN. Save them as your master file. This is the file that you will use to upload your cases to the portal. At this point you can create a working file that you can email to the reviewers (you can add or delete columns as needed to this file.)



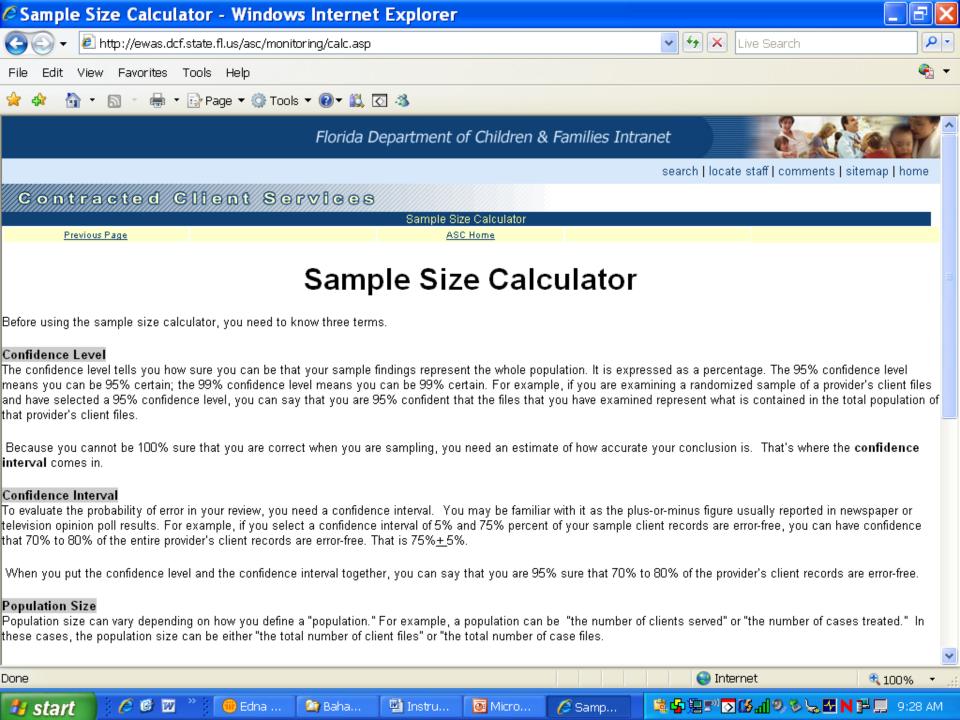


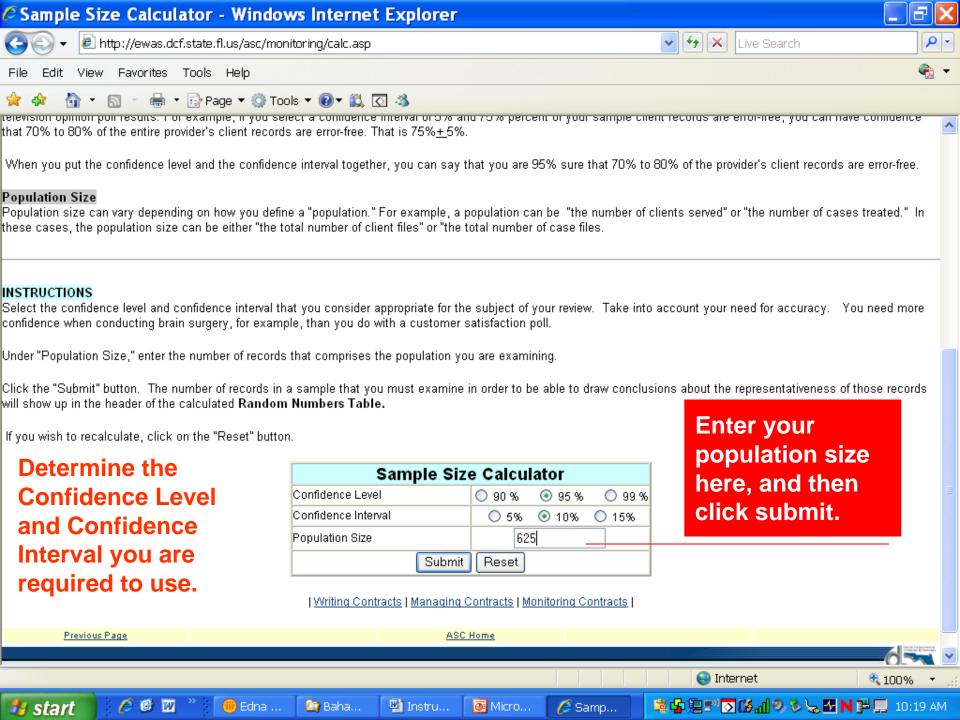




## Determine the Sample Size

- Go to the Sample Size Calculator located at <u>http://centerforchildwelfare.fmhi.usf.edu/qa/QA\_D</u>ocs /SampleSizeCalculator.xlsx
- 2. Enter the number you determined to be the sample population from slide 19 in the Population Size field.
- 3. Click the radial buttons for 90% confidence level and 10% confidence interval and submit.
- 4. The calculator will determine your sample size.
- 5. Determine one half ( $\frac{1}{2}$ ) of this number (rounding up). The review sample size for each half year review will usually be 30-35 reports.
- 6. Print out or otherwise note the random numbers generated by the Sample Size Calculator.









The Random Numbers Table below gives you your sample size as well as the file number you need to draw for each record you are going to review. A random number table enables you to select files or records that each have an equal chance of being selected, a necessary element in randomization.

To read the table, you need to start with the numbers in the top row (1,2,3,...10). Then go to the first column which is in increments of 10 (0,10,20....). The first record or file that you draw will be the number that corresponds to the 0 in the first column and the 1 in the second column. Work your way across the table, next selecting the record number that corresponds to the 0 in the first column and the 2 in the third column. The numbers should be progressively larger and in order. For example, when you have completed the 0 row, you will then move to the 10s row and work your way across.

If you cannot draw a probability sample of records (due to, for example, resource limitations), you can still use the random numbers table to choose records for review in order to reduce selection bias. Use the same method as outlined above and select the number of records that you are able to review. You cannot generalize your findings to the total population but you can reduce your chances of selecting for a specific criterion of which you may not even be aware (such as most recent or oldest records).

If you wish to recalculate your sample, click on your browser's BACK button. If you wish to save this page, use your browser to COPY and PASTE to your word processing program.

Random Number Table for Population Size 625  Confidence Level 95, Confidence Interval 10  Sample Size 83										
	1	2	3	4	5	8	7	8	9	10
0	98	594	21	512	27	357	363	127	43	135
10	456	473	415	565	306	160	80	452	486	16
20	147	120	157	138	38	454	537	7	57	427
30	60	146	547	142	15	8	64	65	612	406
40	582	401	330	476	358	423	68	523	167	471
50	503	532	187	396	176	199	283	468	279	334
60	569	191	155	611	230	49	615	55	314	326
70	232	19	382	397	595	484	112	490	124	131
80	373	380	469							

You will need to repeat the process from the previous slide to get your sample size for each circuit.

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Live Search

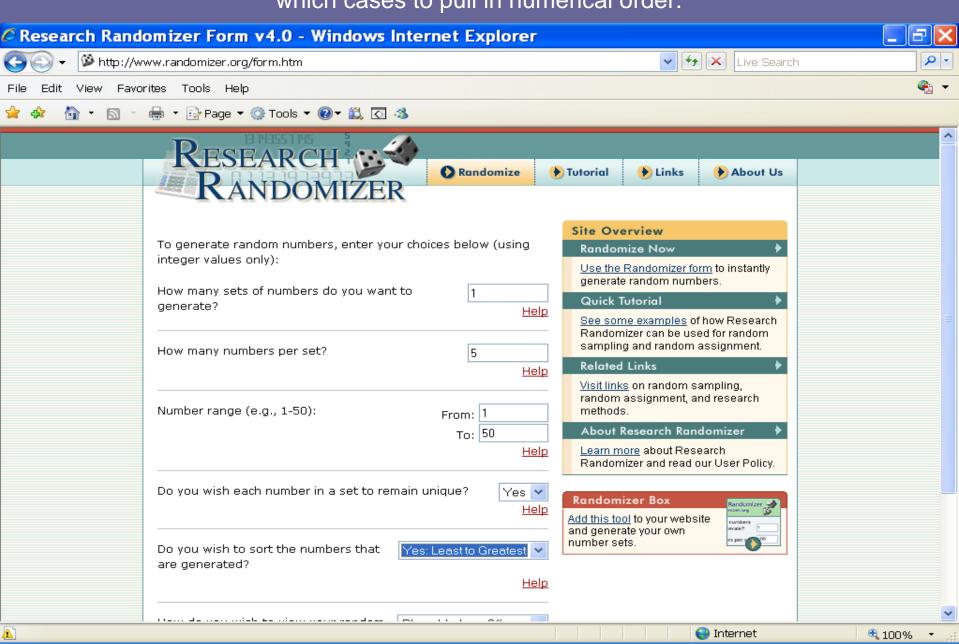








Another Source for picking cases is <a href="www.Randomizer.org/form.htm">www.Randomizer.org/form.htm</a>. This will tell you which cases to pull in numerical order.



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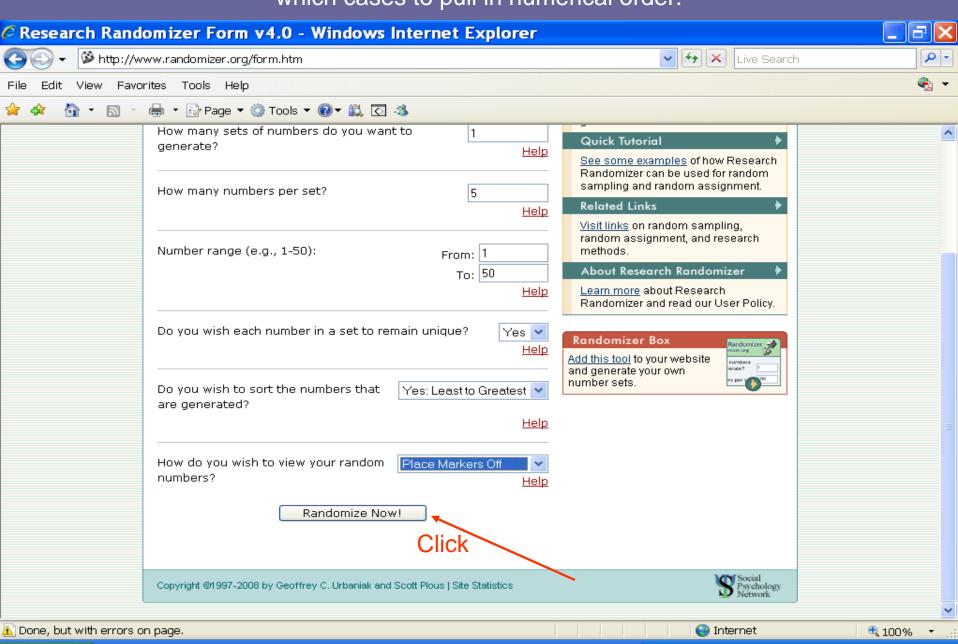
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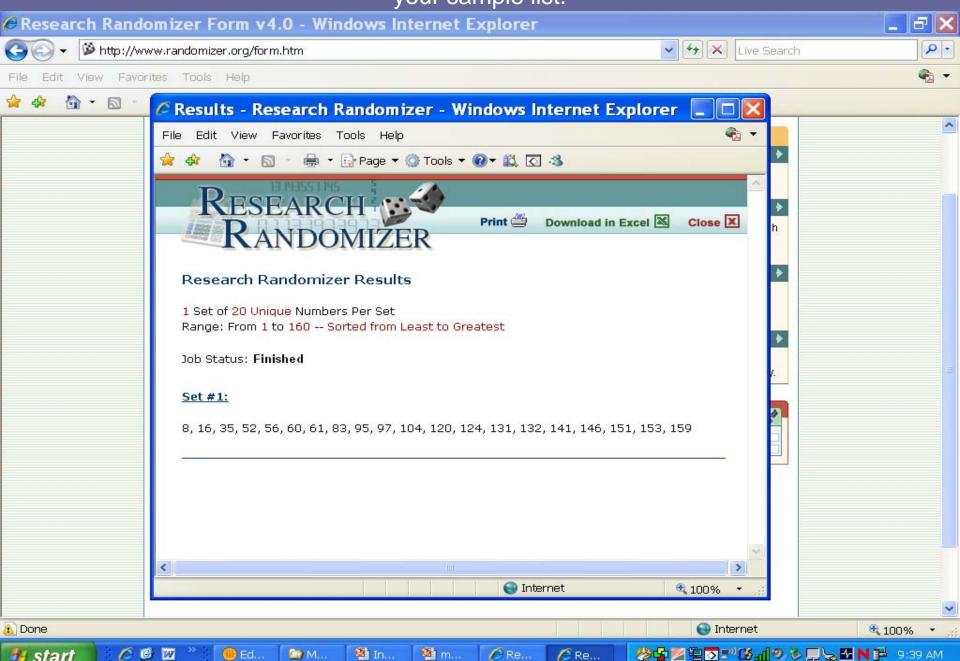
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After you click Randomize the screen below will appear and you can use this to create your sample list.



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# Obtaining the Sample List

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- 1. Stratify each circuit by unit.
- 2. Determine your Sample Population. After you delete the institutional, open and reopened cases from your Sample Population, determine your Population Size.
- 3. Enter your Population Size to the Sample Calculator. This will give you your Sample Size. Divide your Sample Size by two (2) and it will give you the Actual Sample Size.
- 4. Calculate the Unit Percentage of your Population Size (number of case per unit divided by Sample Population).
- 5. Multiply your Actual Sample Size by your Unit Percentage. This will give you the actual cases needed per unit (round up the numbers).
- 6. Randomly\*\* select the Actual Sample and add 3-5 reports for your oversample.
- 7. Save this file for uploading into the Quality Assurance System.

\*\* Method for randomly selecting reports:

Using the information in hand (# of Case per Unit, unit %, Actual Case/Unit for Review), randomly select your sample. Divide the # of Case per Unit by the Actual Case per Unit for Review (e.g. if the Actual Case per Unit for Review is 5 and the # of Case per Unit is 9, this will give you 1.8 (round it off & it will give you 2. Use this number to randomly select your sample by selecting every second case on your list by unit). DON'T forget to add 3-5 reports for your oversample.

REMEMBER: this random method of selecting sample is FOR EACH UNIT NOT the entire CIRCUIT.



- ➤ Don't forget to save your Sample Population.
- ➤To avoid creating a lot of documents for your samples, save your Sample Population in Excel, add a worksheet for your No Jurisdiction and Duplicate reports, add another worksheet for the actual sample list and another worksheet for your log (open the link below to see the sample file).

#### Creating CPI Sample\C8 Sample Population-training.xls

➤ Make sure you forward your sample list to the circuits 30 days prior to your begin review date.



Whatever you do, please do not alter the format of the columns you downloaded from FSFN. Save them as your master file. This is the file that you will use to upload your cases to the portal. At this point you can create a working file that you can email to the reviewers (you can add or delete columns as needed to this file.)

#### DCF Portal

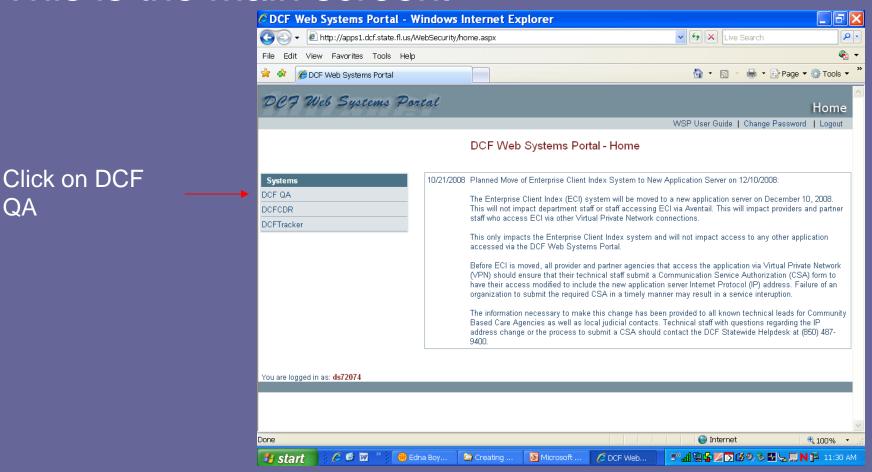
Log into the portal using your FSFN user name and password.

http://apps1.dcf.state.fl.us/WebSecurity/log

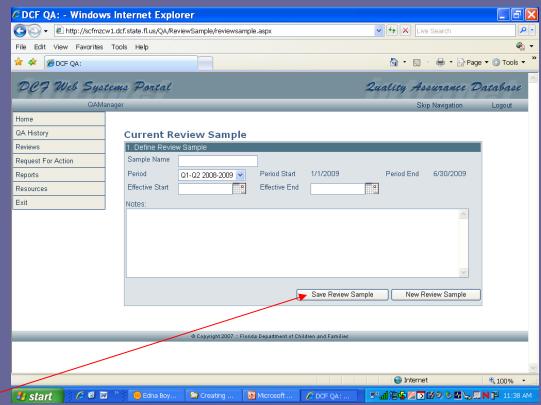
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#### This is the main screen.



This is the Review Sample screen where the QA Manager will input the relevant information about the review. NE Region naming convention – for Side-by-side review - CBC Name XX Qtr Review (e.g. - FIP 4<sup>th</sup> Qtr Review), for CPI Desc/Semi-annual – # D or S CPI Review Fiscal Year (e.g. -1st Semi-annual CPI Review FY 08-09). Choose the period of the review. This will automatically populate the period start and end date. The effective date is the actual date of the review. When done, don't forget to click the Save start **Review Sample button.** 

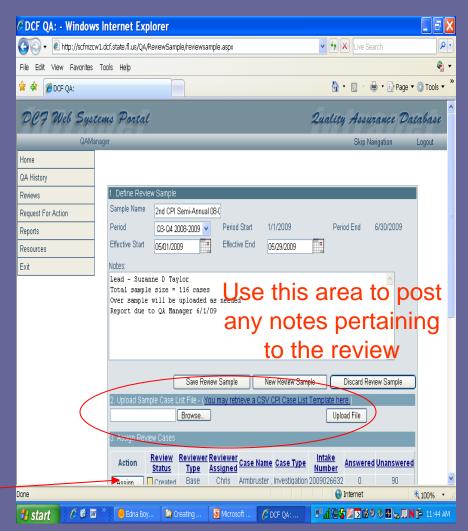


Once you save your sample, you will be able to see the Upload Sample Case File List link.

Download the template (.csv file) to your pc. Open your master file (the one with 60 columns) and copy & paste rows XX to XX to the template. Click Save As and save the file in a place where you can easily remember.

Click the browse button and look for the file you just saved. Click upload file.

The case samples will now appear on your screen. To assign cases, click the ASSIGN button.



That's it! You are now ready to start your review.

## **Questions?**

