

set printback = on.

CFSR 3: CHILD POPULATIONS BY STATE

* This syntax is being provided for those interested in learning how CB obtains child population data, and for
* building states' capacity to produce these data moving forward. Child population estimates are used to
* calculate states' entry rates. Entry rate is used as a risk adjustment variable for two indicators: Permanency
* in 12 months for children entering foster care and Re-entry to foster care in 12 months. For details on how entry
* rates are calculated, see the Federal Register notice and the relevant syntax used to calculate observed
* performance for the two indicators.

* Note: A file containing child population estimates for years 2010, 2011, 2012, and 2013 is already available in
* the CFSR3IndicatorSyntax.zip file. When that file is unzipped, it will be saved at
* C:\CFSR3\Fixed files\Child populations.sav. The file includes child population estimates for all 50 states and the
* District of Columbia as of June 2014. It does not include population estimates for Puerto Rico, which was
* excluded from the relevant indicators due to data quality. These historical estimates are based on Census
* estimates with a release date of June 2014, using the data available at
* <http://www.census.gov/popest/data/state/asrh/2013/SC-EST2013-ALLDATA6.html>. CB selected only records
* where AGE was less than 18, SEX was equal to 0 (0 = males and females), and ORIGIN was equal to 0 (0 =
* all origins), and then summed the population estimates for each state, for each year available in the file.

* Population estimates for years 2014 and beyond can be processed using the syntax below, which will also
* append each new year of data to the existing Child populations.sav file. The syntax in this example uses the
* 2013 census year as an example. All references to 2013 need to be changed to match the year being
* processed.

- * 1. Go to <http://www.census.gov/popest/data/index.html>
- * 2. For States (Level of Geography), Population by age, sex, race, and Hispanic origin (Level of Detail), click the
* link under Most Current Data (e.g., V2013)
- * 3. Under Downloadable Datasets, click the CSV file link for Population estimates by age (18+) and save it to
* your computer (e.g., C:\CFSR3) as a CSV file. This file (e.g., SCPRC-EST2013-18+POP-RES.csv) contains
* population data for all 50 states, D.C., and Puerto Rico.
- * 4. Open the downloaded file into SPSS.

```
GET DATA /TYPE=TXT  
/FILE="C:\CFSR3\SCPRC-EST2013-18+POP-RES.csv"  
/DELCASE=LINE  
/DELIMITERS=","  
/ARRANGEMENT=DELIMITED  
/FIRSTCASE=2
```

```
/IMPORTCASE=ALL
/VARIABLES=
SUMLEV F2.0
REGION A1
DIVISION A1
STATE F2.0
NAME A24
POPESTIMATE2013 F9.0
POPEST18PLUS2013 F9.0
PCNT_POPEST18PLUS F4.1.
CACHE.
EXECUTE.
DATASET NAME CurrentYear WINDOW=FRONT.
```

* 5. Specify the Census Bureau release date for this year's estimate.

* Note: The month and year values will need to be changed to match the current release date. The example
* below uses June 2014.

```
compute ReleaseDate = date.dmy(01,06,14).
formats ReleaseDate (adate10).
execute.
```

* 6. Subtract POPEST18PLUS20xx from POPESTIMATE20xx (e.g., subtract POPEST18PLUS2013 from
* POPESTIMATE2013). This yields the child populations (17 and under) for all 50 states, D.C., and Puerto Rico.

```
compute ChildPopulation = POPESTIMATE2013 - POPEST18PLUS2013.
execute.
```

* 7. Delete the record where STATE = 0, which holds the total population of the United States.

```
select if STATE <> 0.
execute.
```

* 8. Create variable holding the census year the population estimate is based on (e.g., July 1st, YYYY).
* Census estimates are always based on July 1st of the given year.

```
compute PopYear = date.dmy(01, 07, 2013).
formats PopYear (adate10).
execute.
```

* 9. Append the new year's estimates for this release to the existing Child populations.sav file.

```
get file 'C:\CFSTR3\Fixed files\Child populations.sav'.
dataset name PastYears window=front.
```

```
dataset activate PastYears.  
add files /FILE=*  
  /FILE='CurrentYear'  
  /RENAME (DIVISION NAME PCNT_POPEST18PLUS POPEST18PLUS2013 POPESTIMATE2013 REGION SUMLEV=d0 d1 d2  
    d3 d4 d5 d6)  
  /DROP=d0 d1 d2 d3 d4 d5 d6.  
execute.  
dataset close CurrentYear.  
sort cases by STATE PopYear.  
save outfile 'C:\CFSR3\Fixed files\Child populations.sav'.
```