* Measure
  + The incomes required for a family in each county to be in each quintile
  + Percent of households with incomes above the threshold for Q1-Q5 for their county in the current year.
  + Alternatively we could measure the percent of households in Q1-Q5, depending on what is easiest to use in Tableau. SEs should be the same for each of these measures.
* Sample
  + 1-year.
* Demographic groups
  + Race/ethnicity of householder
  + Age of householder (age groups TBD)
  + No gender analysis due to household-level data
* Years covered
  + 2007-2016
* Comparison communities
  + Standard PUMS peers (peer counties minus Roanoke)
* Required data
  + Base PUMS data (all\_pums\_data.rds)
  + Quintile thresholds from B19080: HOUSEHOLD INCOME QUINTILE UPPER LIMITS (quintiles.zip)
  + Code template (Income by Quintiles.R)
* Statistical comparisons
  + z score tests
* Coding steps
  + fill out the threshold .csv file with the AFF data
  + import the pums data I provided and merge it to the threshold file
  + create variables indicating whether each household has income above or below each threshold
  + create demographic indicators for race/ethnicity and age
  + use the provided functions to create a table listing the percent of households with greater income than each quintile in each year/county
  + use this table to create datasets for Tableau and statistical testing