Working with the Census

***Before you begin*:**

Unhide the columns in this “states, 2016” sheet and take a moment to look at what’s included in each column and the other two sheets. There’s lots of interesting stuff!

* We roughly color coded the group of categories. For example, the race and Hispanic stats are in light orange, and green columns are about marital status.
* Except for some general stats from 2009 (total population and 60+ population), all of these are from 2016.

**NOTE: We have altered many of these datasets for instructional purposes, so please download the data from the original source if you want to use it in your reporting.**

Without doing any additional analysis yet, what are 3 more questions you might try to answer using this dataset?

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Let’s calculate the change in the 60+ population.
   1. What’s the percentage change for the US from 2009 to 2016?
   2. Which 3 states have had the largest percentage increase in their residents who are above 60 over that time?
2. Scroll over to workforce and earnings, way over in purple.
   1. Which states are potential outliers for the share of people over 60 who are employed?
   2. In which state, is there the biggest difference between the mean earnings of the general population versus those over 60?
   3. Take the average of the state mean earnings, and then look up the mean average for the US. Why do these numbers differ?
3. Filter the list so you only see states in the South (Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia).
   1. Living alone or with family/non-family stats are in yellow. Look at the share of seniors responsible for non-adult grandchildren in Georgia. Is this different from the rates for other states in the South?
   2. Which Southern state has the lowest percentage of people over 60 living alone?
4. Look at some of the stats on race.
   1. Which state’s over 60 population has the highest share of black residents?
   2. In most states, there is a higher percentage of white people in the over 60 population than in the general population. In which state is that not the case?
5. Contrast the two most populous 60+ states: Florida and California, i.e. filter so you only have these 2 states. Are there obvious differences between how the older population is faring?