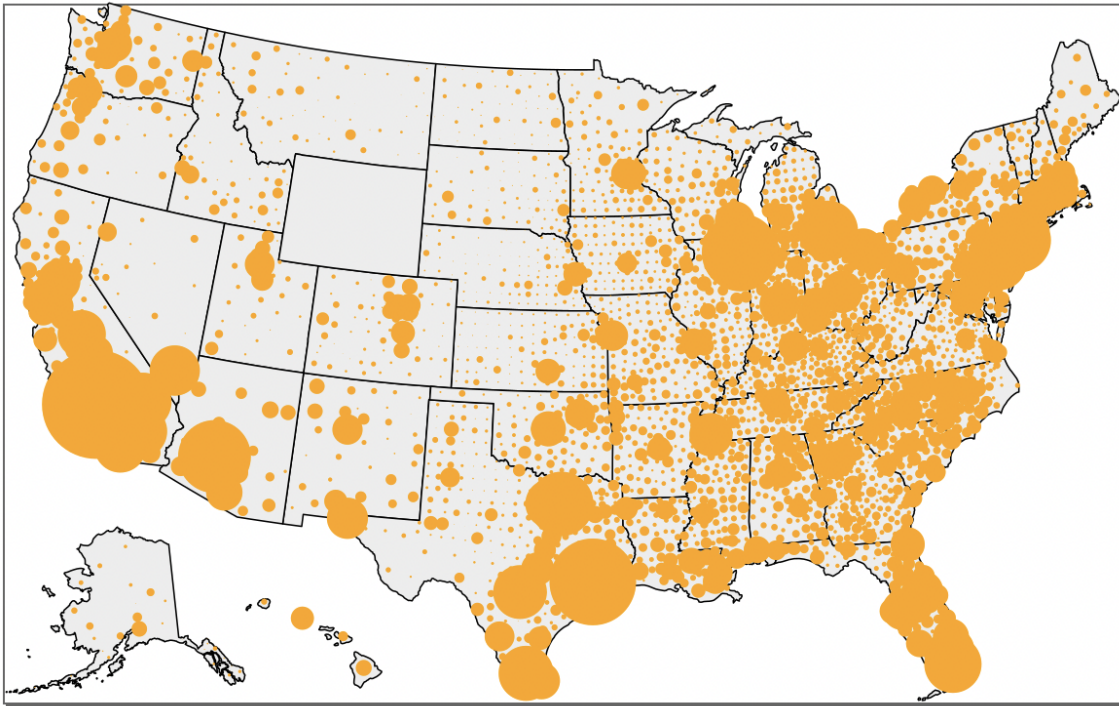


Homework 7

Due, May 17th 11:59pm.

This homework, we're going to test your mapmaking skills. I want you to make a bubble map. I've uploaded data of the estimated number of children living under poverty in 2019 from the Census. I've also uploaded a county level shapefile and state level shapefile.

Exercise 1 (50 points): I want you to replicate this map. Please merge the data, style and export the map using mapshaper. Make sure you include a state line layer.



Exercise 2 (50 points): I want you to recreate this map in d3 but also add a tooltip so that when you mouse over you can see the county name (with state) as well as the number of children under poverty. Like in the chart above, there should be a state layer and a county later of bubbles.

Please use the Albers projection. And submit a PDF with the static graphic for exercise 1 and url with your publish interactive in exercise 2.