

**Insight #1** The top 5 states in per capita are coastal states (concentrated in the North East) with the bottom four of five are inland states (concentrated in the South East (where curiously the bottom coastal state is also located.)

**Link:**

<https://public.tableau.com/app/profile/michael.mohle/viz/UdacityDivision/Division?publish=yes>

**Summary:** Coastal states have a higher standard of living than inland states.

**Design:** A column was added to the data set classifying a state as either coastal or inland (with exception of Alaska or Hawaii. This allowed a map visualization as well as a color key for the per capita income per state. I included a map of the US as a color key to understand the groupings, I elected to show all 50 states as I thought this was a better illustration of my point. I used a palette appropriate for users with issues with seeing color.

**Resources:**

- East Coast of the United States.  
[https://en.wikipedia.org/wiki/East\\_Coast\\_of\\_the\\_United\\_States](https://en.wikipedia.org/wiki/East_Coast_of_the_United_States)
- West Coast of the United States.  
[https://en.wikipedia.org/wiki/West\\_Coast\\_of\\_the\\_United\\_States](https://en.wikipedia.org/wiki/West_Coast_of_the_United_States)

**Insight #2** High child poverty appears to be related with a lower percentage of the population being white.

**Link:**

<https://public.tableau.com/app/profile/michael.mohle/viz/Udacityprojectchildpoverty/Childpoverty>

Of the top 10 states for high child poverty 9 of them have a non-white population above 20%

**Design:** A dual axis chart seemed the best way to illustrate the point that high child poverty is associated with low whiteness. Using the density pattern allowed the insight to be much clearer than a line or bar chart. I used a palette appropriate for users with issues with seeing color.

**Resources:** NA

**Insight #3** The heaviest concentrations of Asian population are in urban coastal centers.

**Link:**

<https://public.tableau.com/app/profile/michael.mohle/viz/UdacityAsianPopulationclusters/Asian?publish=yes>

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**Summary:** The heaviest concentrations of Asian population is in urban coastal centers.

**Design:** The most intelligent way to approach this was to do county breakdown on a map of the us. Doing so made it obvious that the largest cluster of Asian populations is in urban centers. I used a palette appropriate for users with issues with seeing color.

**Resources:** NA