

### **Insight 1**

<https://public.tableau.com/profile/david.sumners#!/vizhome/CensusPovertyState/PovertyState?publish=yes>

From the Poverty by State chart, we can see the states in which the highest percentage of Child Poverty exist. Puerto Rico (60.21%) has a significant lead in child poverty over all other states. In comparison, Connecticut with a very similar population only has a rate of 12.2%.

### **Insight 2**

<https://public.tableau.com/profile/david.sumners#!/vizhome/AVGPovertyIncomeVsIncome/AVGPovertyIncomeVsIncome?publish=yes>

From the AVG Poverty Income Vs. Income chart we can see the average incomes of those under and above the poverty level by State. Lower incomes obviously have a close relationship to poverty levels. We can see here that Puerto Rico has a very low average income of \$17,920 with Mississippi following Puerto Rico with an average income of \$34,939

### **Insight 3**

<https://public.tableau.com/profile/david.sumners#!/vizhome/TableauPovertyCensusData/PovertyDashboard?publish=yes>

From Tree Map Chart, we can see easily the Child Poverty levels by state. Higher rates on the left and lower rates move to the right. You can see from this chart that while California and Texas have the highest population, both have a child poverty rate near the average of 22.52%

### **Design:**

The design choice was to simply explore incomes and poverty levels among the states by providing a graphical representation of the relevant data.

### **Resources:**

US Demographic data

<https://www.kaggle.com/muonneutrino/us-census-demographic-data/data>