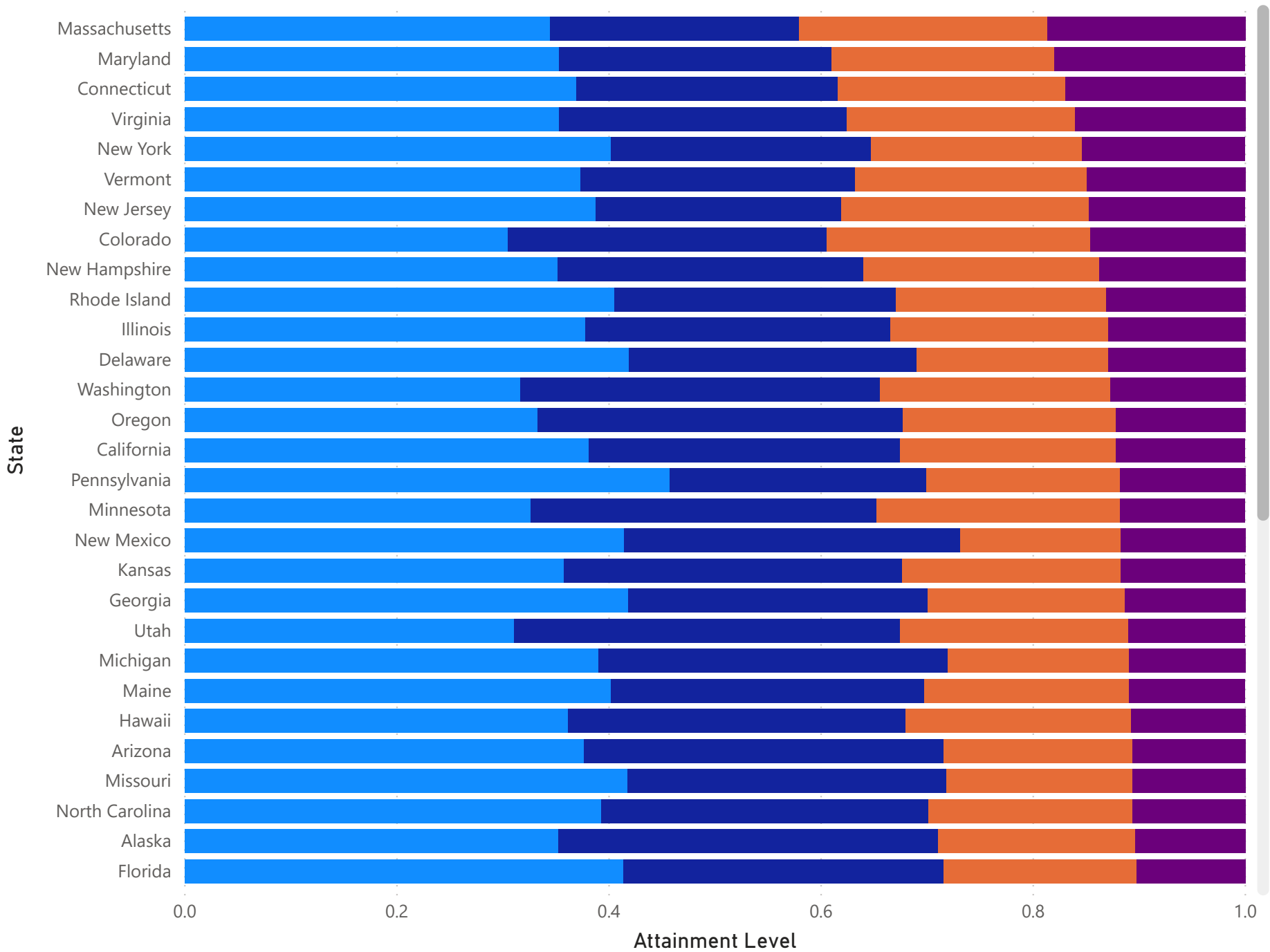


Educational Attainment by State

● HS or less ● Associate's or Some College ● Bachelor's Degree ● Advanced Degree



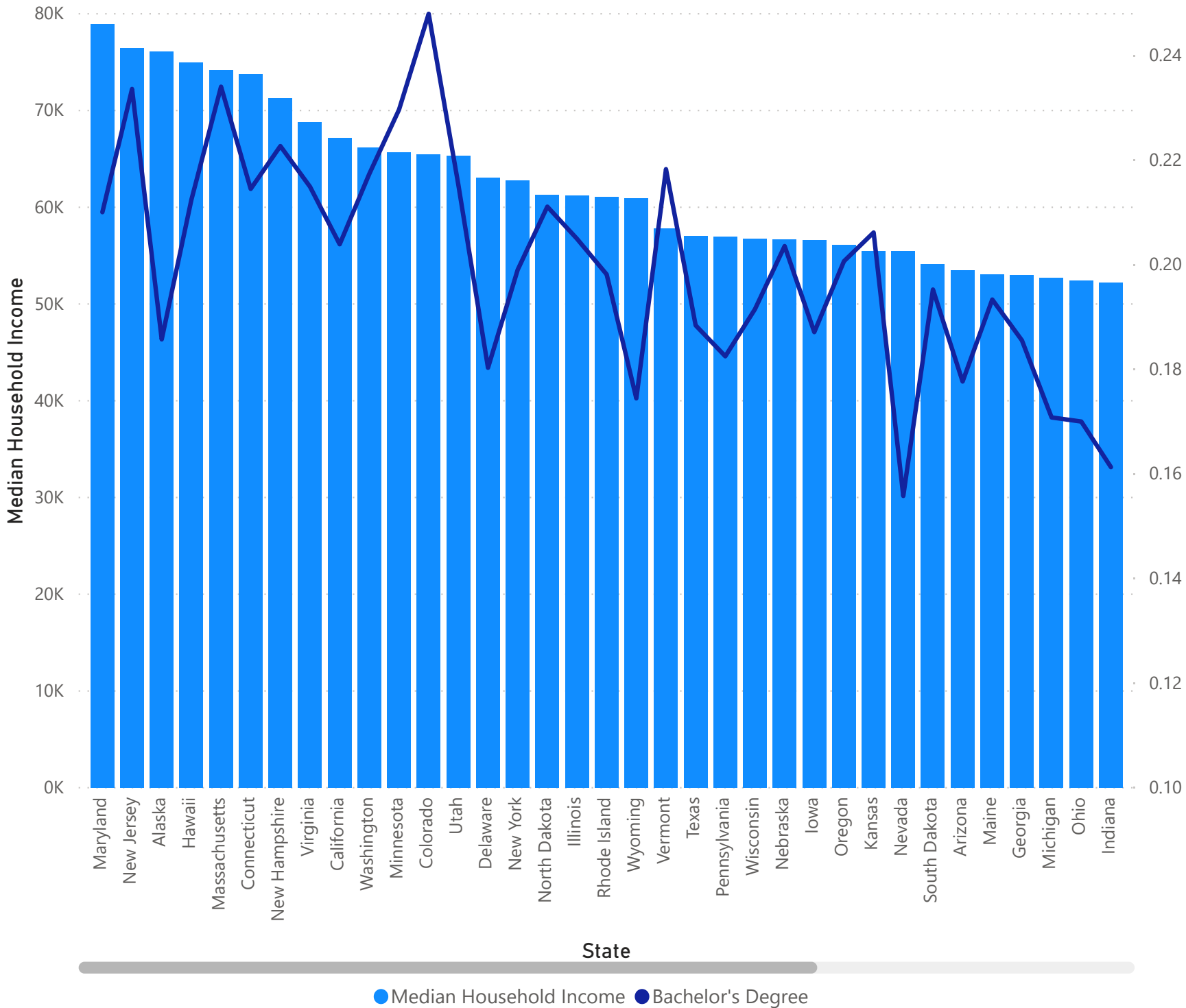
Question 2

a. West Virginia, Louisiana, Arkansas, Kentucky, and Mississippi are the five states with the highest percent of population with an HS degree or less. This implies that the vast majority from these states have low level of education.

b. Wyoming, Utah, North Dakota, Idaho, and Alaska are the states with the highest percent of population with an Associate's degree or less. This indicates that people from these states have some education but an undergraduate education is not common.

c. The chart suggests that Massachusetts, Maryland, Connecticut, Virginia, and New York are the five states with the highest percent of population with an Advanced degree. This indicates that the people living in these states value education..

Median Household Income VS Bachelor's Degree by State



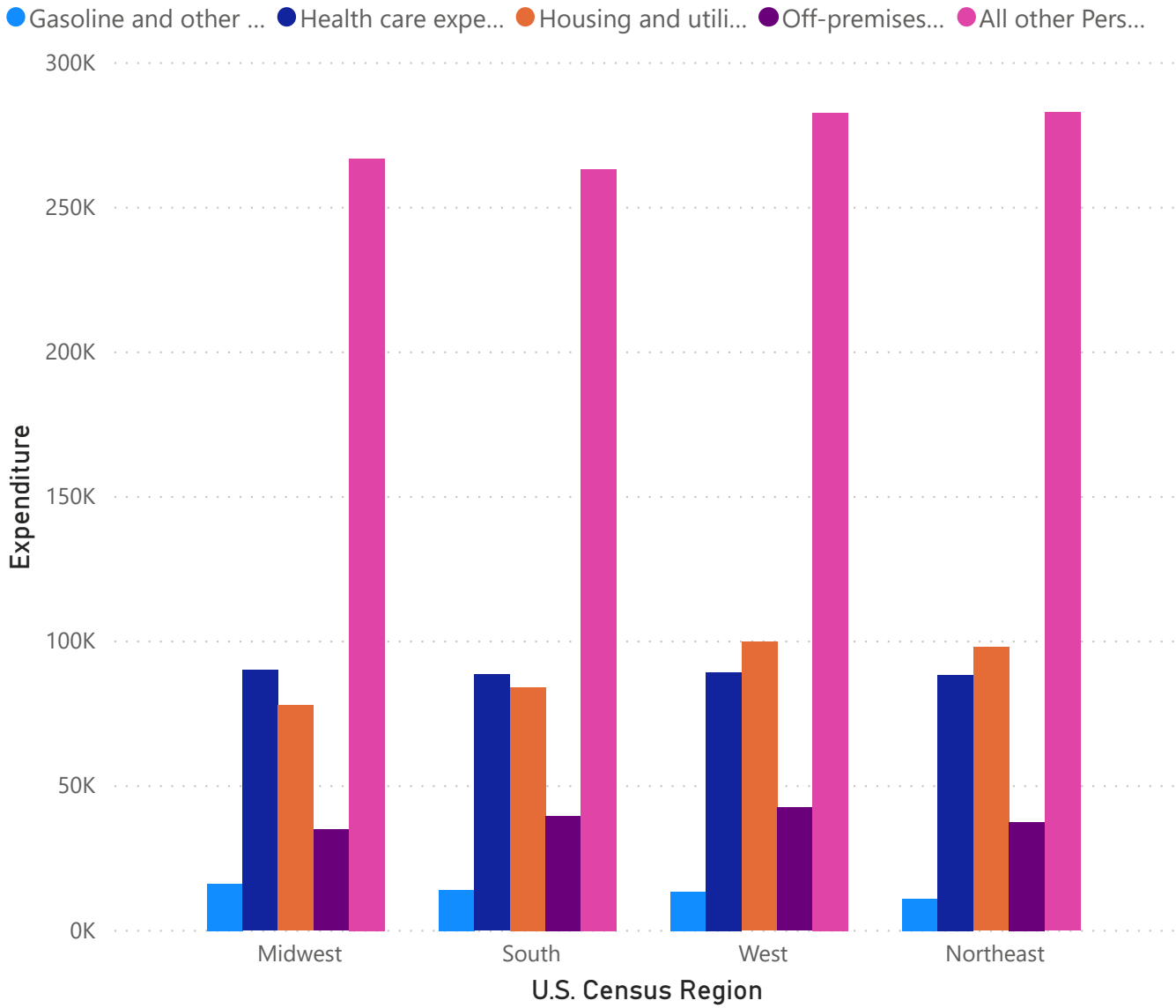
From this chart, we can see a positive relationship between median household income and bachelor's degree.

This chart suggests that states with greater population with a bachelor's degree are likely to have higher median household income.

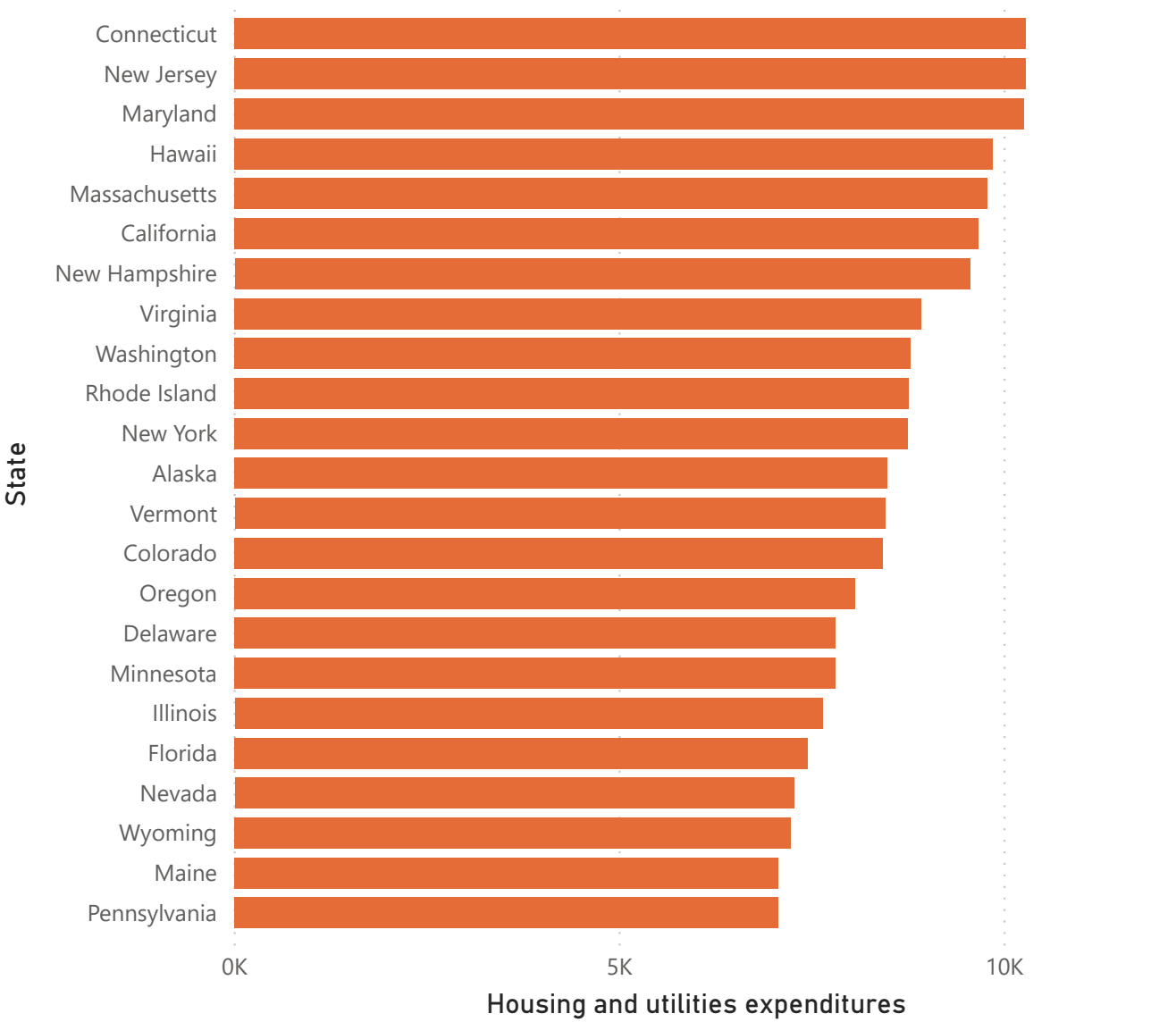
An interesting point in this graph is Colorado. While there is a significant population with a bachelor's degree, it looks like the median household income is a bit low.

Nevada is another interesting observation. While not many people hold a bachelor's degree, the median household income seems high.

Consumer Expenditures by US Census Region



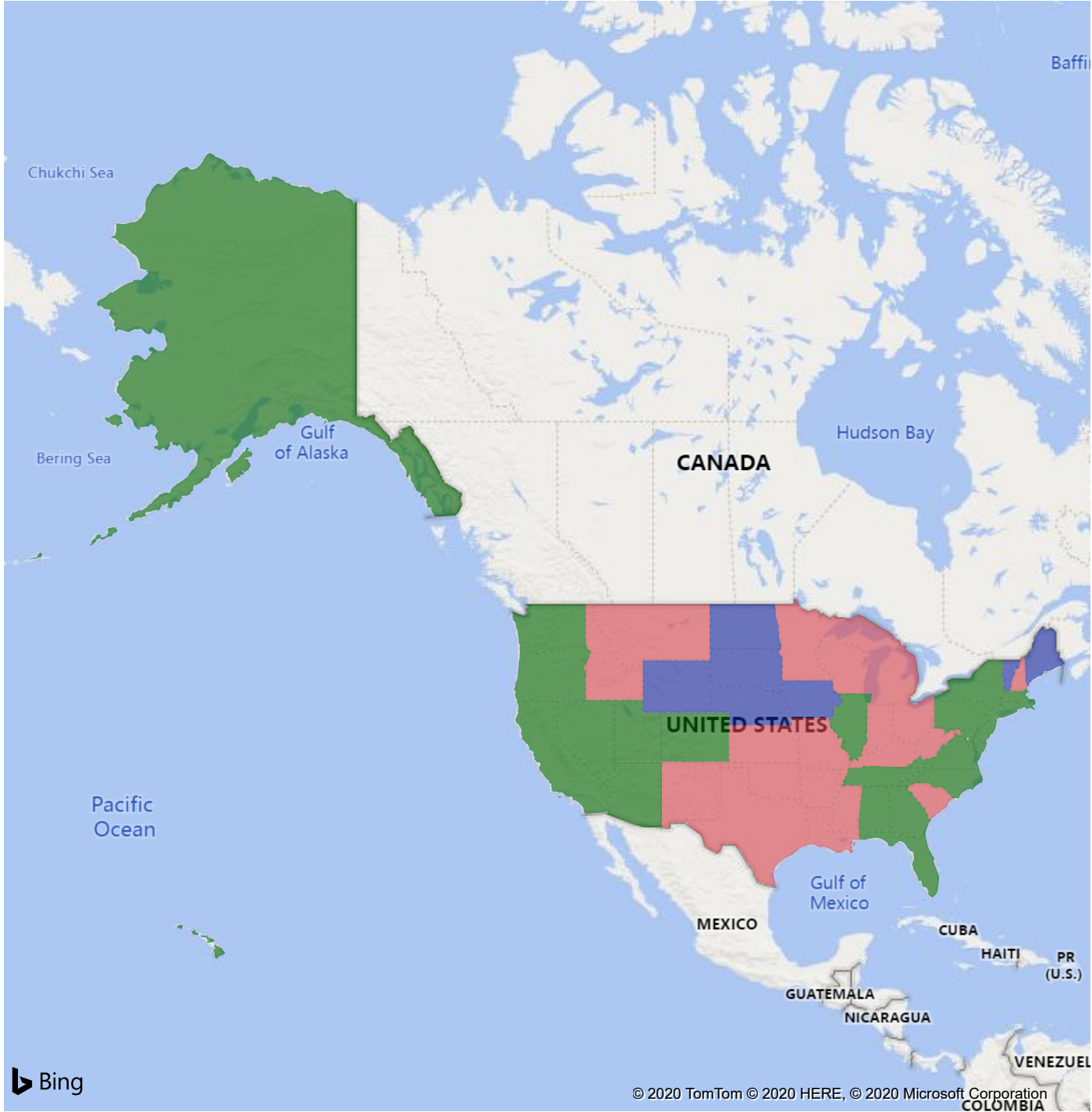
Housing and utilities expenditures by State



From these charts, we can see Hawaii, California, Washington, and Alaska are the top four Western states with the highest housing and utilities expenditure.

Gasoline and other energy goods expenditures by State

Gasoline and other energy... (Blank) 549 634 709 748 752 768 782 799 804 810 ▶



From the fill map, we can see Western and Eastern states typically consume less gasoline and other energy goods than states in the middle.

The states that incur the highest gasoline and other energy goods expenditures are all Northern states. I think the reason is that these states need energy to power their heating systems during winters, which would reasonably lead to higher energy consumption than other states.

6M

Population

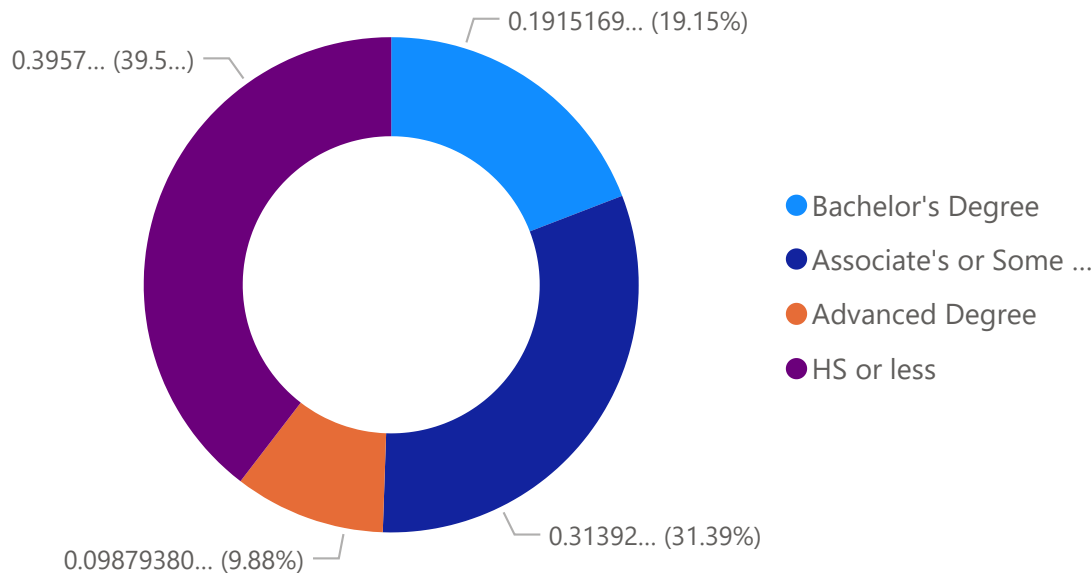
5.60

2017 marriage rate (...)

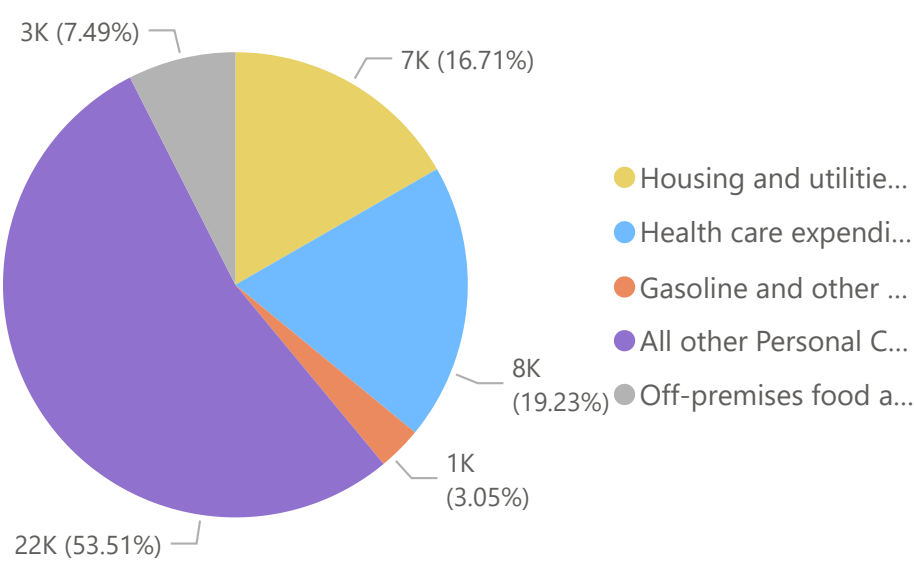
57K

Median Household I...

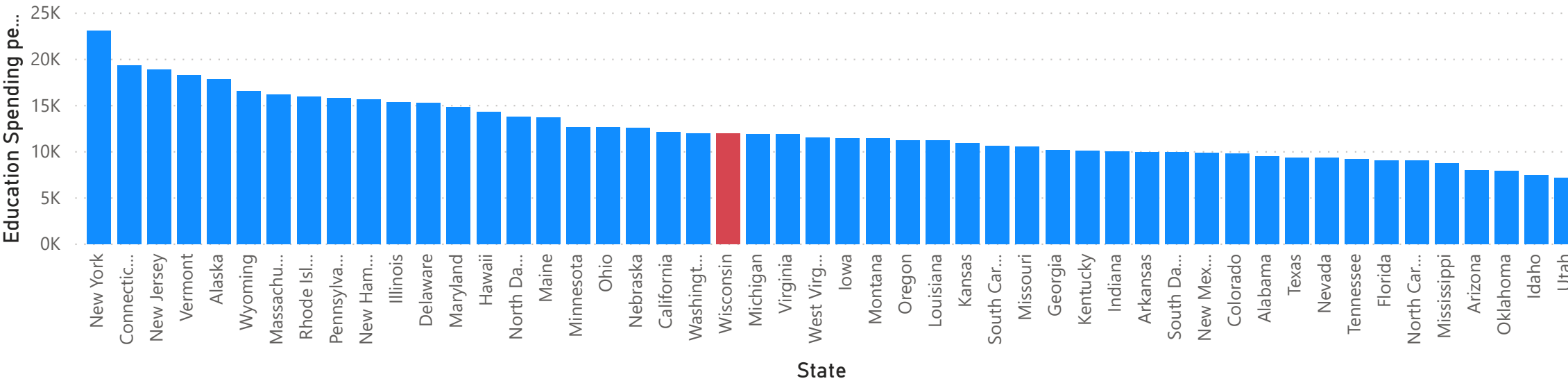
Wisconsin Educational Attainment Level



Wisconsin Consumer Expenditures

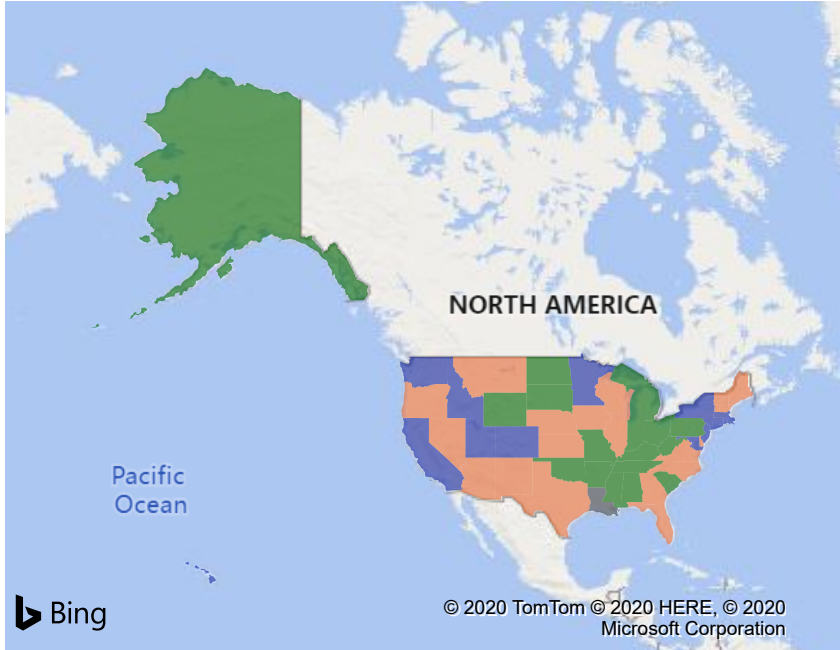


Education Spending per Pupil by State

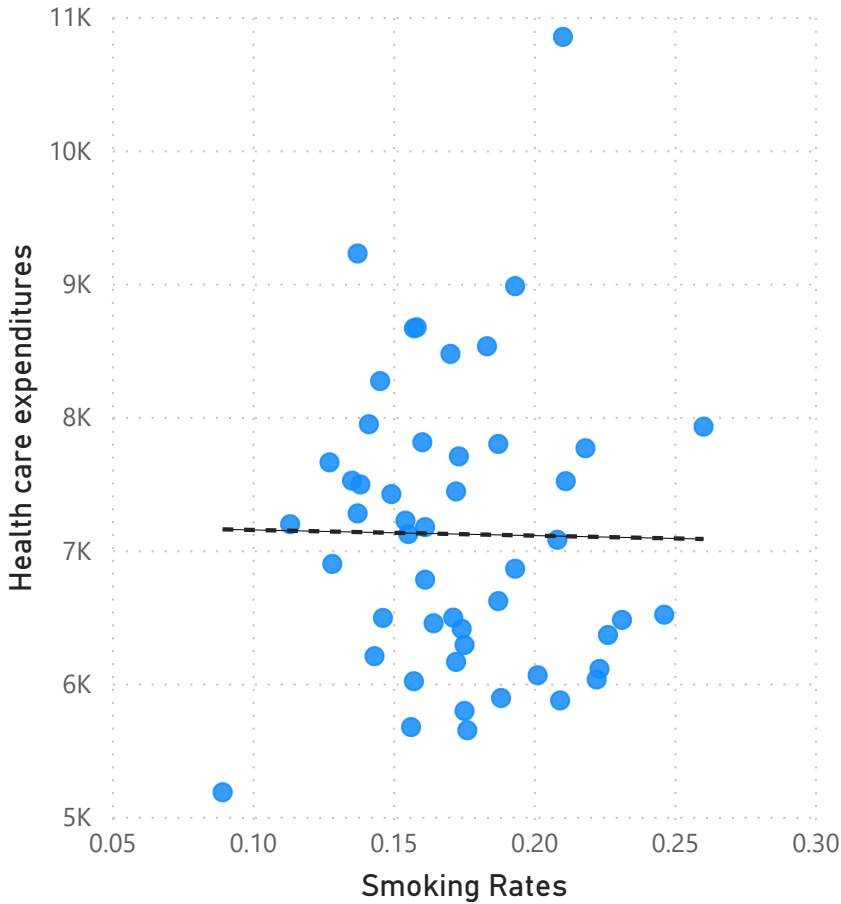


State and Smoking Rates

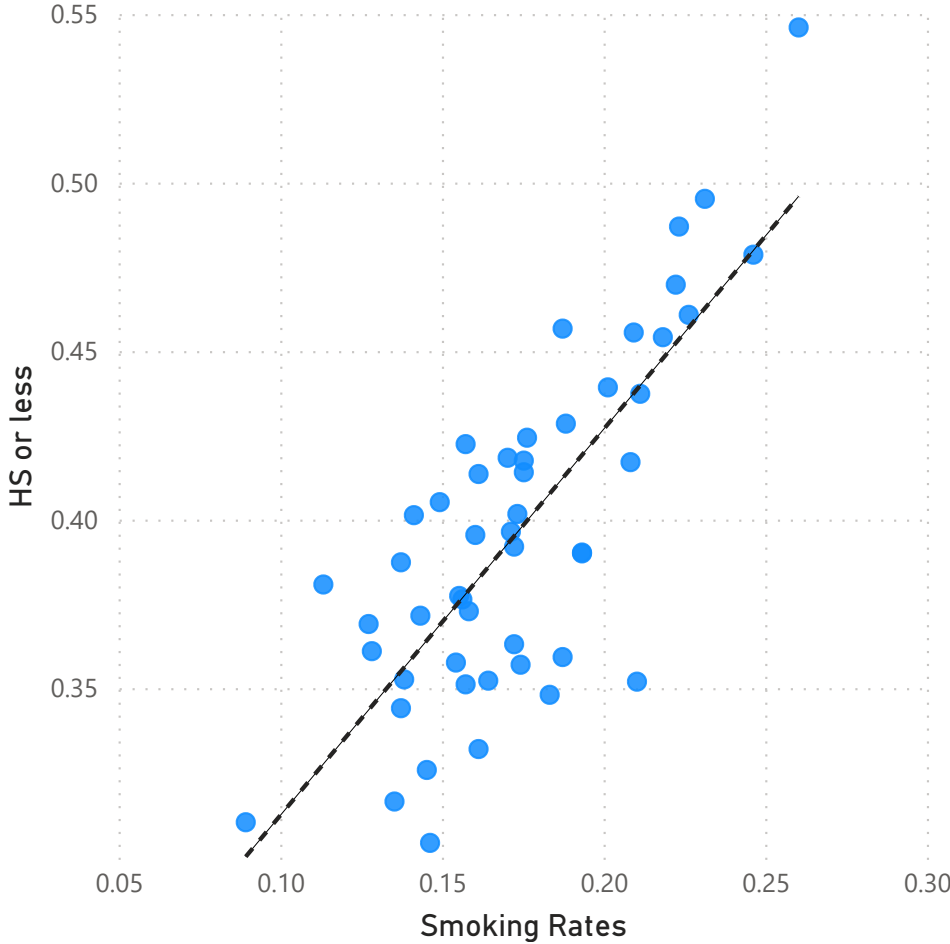
Smoking Rates (Blank) 0.08900... 0.113 0.127 0.128



Smoking Rates VS Health care expenditures by State

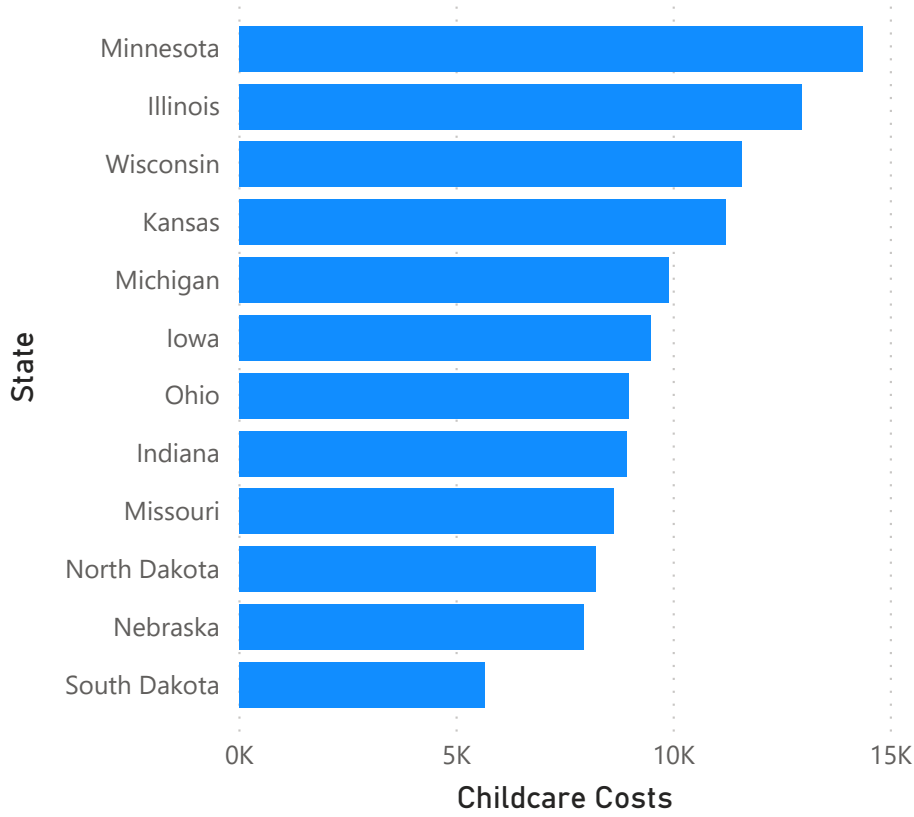


Smoking Rates VS High School Degree or Less by State

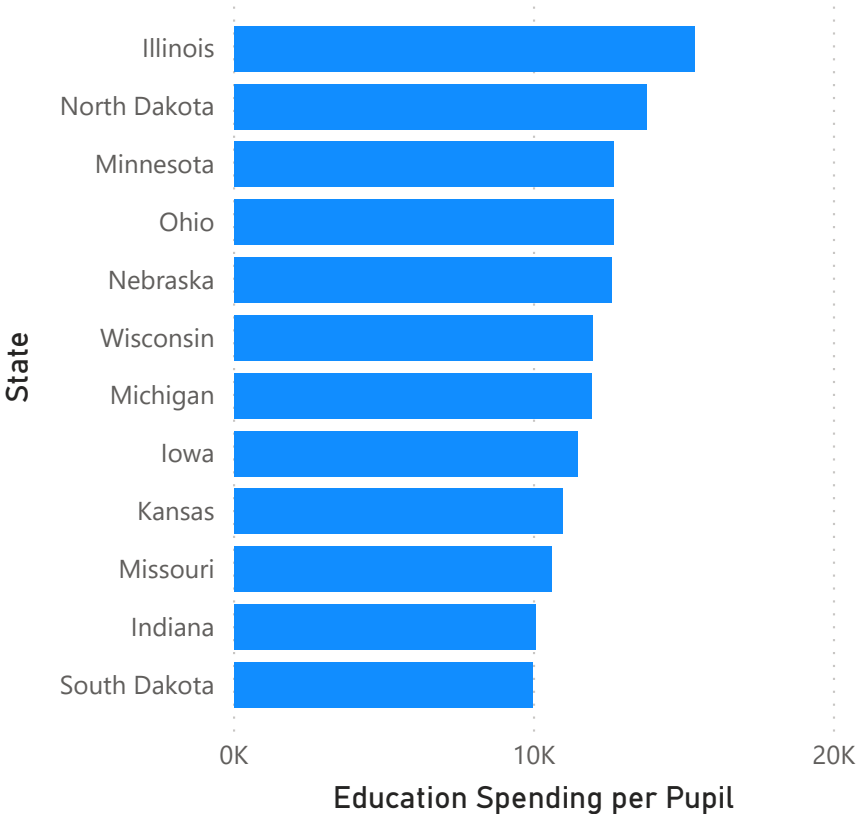


The fill map indicates that Alaska, the Midwest, and some states in the middle have the highest smoking rates and most states have smoking rates above 15. The smoking rates and health care expenditures by state chart aims at revealing the relationship between smoking rates and health care expenditures. The trend line suggests that there is not a particularly strong relationship here. On the other hand, the smoking rates and HS or less by state chart indicates a strong positive relationship between smoking rates and HS or less, meaning that those who smoke likely did not receive higher education.

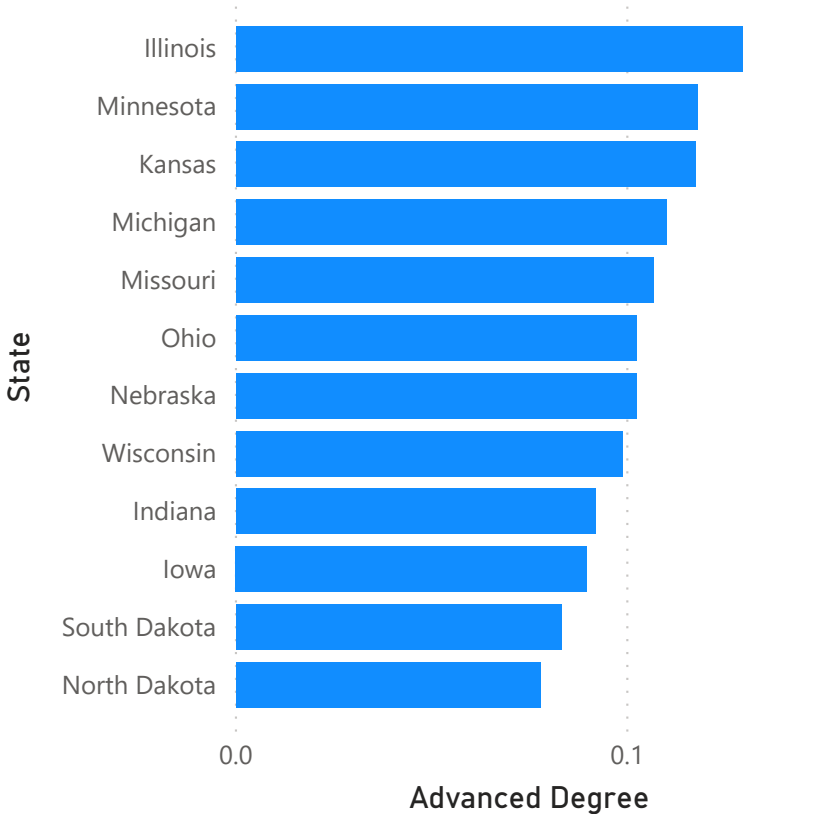
Childcare Costs by State



Education Spending per Pupil by State



Advanced Degree by State



U.S. Census Region

- (Blank)
- Midwest
- Northeast
- South
- West



1.23

Advanced Degree

- a. In the South Region, Virginia, North Carolina, and Texas are the three states that spend the most on childcare.
- b. In the West Region, the State of California has the 4th largest education spending per pupil.
- c. In the Northeast Region, MA has more advanced degree.
- d. In the Midwest, Minnesota and Kansas have an equal amount of advanced degrees.