

US CENSUS 2015

LINK <https://public.tableau.com/authoring/AsenoguanEricUScensus2015/UsCensus#1>

Summary My Visualization contains a story with three dashboard,

My first dashboard contains three worksheet, my first worksheet is on US Transit map with New Jersey ranking first and New York ranking second, with the help of tooltip, parameter created and filter properties of this map, one can easily see the ranking of the top states,

My second worksheet on this dashboard shows the percentage transit, and I used a bar chart to display this, here District of Columbia had the highest value and seems as an outlier with New Jersey and New York following behind.

And the third worksheet displayed the mean commute in minute and Alaska has the lowest mean commute.

My second dashboard has two visualizations, first is a map combination of both construction activities and Average poverty, and Puerto Rico has the highest Average poverty level even with moderate construction activities.

My second worksheet shows a treemap with Average Income for all states with New Jersey as top income state and Puerto Rico Lowest on Average Income.

On my third dashboard I looked at employment and unemployment rate and also tried to see if there is any correlation between income and employment, and also unemployment and poverty.

Here my bar chart shows Puerto Rico has the highest unemployment rate and the lowest employment rate even with 80.63% unemployment rate, while north Dakota has the highest employment rate and lowest unemployment rate. On this dashboard also i created a parameter/filter that helps the switch between Average employment andn Average unemployment.

I also displayed two worksheet to check for correlation

1- between average unemployment and Average poverty, which shows a strong positive correlation between unemployment and poverty

2- between Average employment and income, which shows a weak positive correlation,
Citizens may not really be employed to generate income

DESIGN I like to visualization in maps, bar chart, scatter plot and treemap because they are easy to interpret and self explanatory.

I choose colors like blue, red and yellow because they are more or less appealing to color blind individuals and also attractive

RESOURCES N/A