

### **Average Carpools in counties of different states**

Tableau link:

[https://public.tableau.com/profile/nikhil.bagga6525#!/vizhome/Visualisation1\\_9/Dashboard1?publish=yes](https://public.tableau.com/profile/nikhil.bagga6525#!/vizhome/Visualisation1_9/Dashboard1?publish=yes)

Summary:

The main insight that can be concluded from the visualisation is that the maximum of average car pool is from the county clay of the state Georgia with a value of 29.90.

While the minimum average of carpools are from counties kenedy and king of state Texas with a value of 0.

Design:

To analyse the average carpools in states of different countries I used bar chart. I also included the colours for the people who have colour blindness so that they can also see the visualisations at some extent.

Resources: N/A.

### **Average Child poverty vs Average income of different counties**

Tableau Link:

[https://public.tableau.com/profile/nikhil.bagga6525#!/vizhome/Visualisation2\\_4/Sheet1?publish=yes](https://public.tableau.com/profile/nikhil.bagga6525#!/vizhome/Visualisation2_4/Sheet1?publish=yes)

Summary:

The main insight that can be gained is that there is a strong negative correlation between Average child poverty and Average Income.

As Average income of the county increases, the average child poverty of county decreases. Which shows that having good Average income also reduces Average child poverty.

The counties which are having 0 average child poverty are Glasscock and Borden.

Design:

Since we are comparing two values so I have used scatter plot with various different colour shapes but these colours are also helpful for the people who are suffering from colour blindness.

Resources: N/A.

## **How much Family work is preferred by Citizens of different counties and unemployment in different counties?**

Tableau link:

[https://public.tableau.com/profile/nikhil.bagga6525#!/vizhome/Visualisation3\\_1/Dashboard1?publish=yes](https://public.tableau.com/profile/nikhil.bagga6525#!/vizhome/Visualisation3_1/Dashboard1?publish=yes)

Summary:

The interesting insight that can be gained is that the county Liberty has maximum of Average Family work with a value of 9.8. The Average number of citizens are also very low (1,864), and having an average income of 47,768.

While there are many states of different countries which are having average family work value 0 which shows citizens of these countries are not interested in family works.

Also from other visualization that the county with highest unemployment is Adjuntas of state Puerto rico with a value of 36.50 which shows there may be lack of jobs for citizens.

While the counties Kalawao of state Hawaii, Kenedy of state Texas, Slope of North Dakota and Thomas of Nebraska have zero unemployment which show that there may be enough jobs for citizens and citizens of these states are passionate about their hardwork.

Design:

I used circle chart for the visualisation which is very easy to understand. And again colours so used are those which are helpful for the colour blind people too.

Resources: N/A.