Telling Stories with Data

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Udacity Project

Avg. Poverty compared to Avg. Unemployment
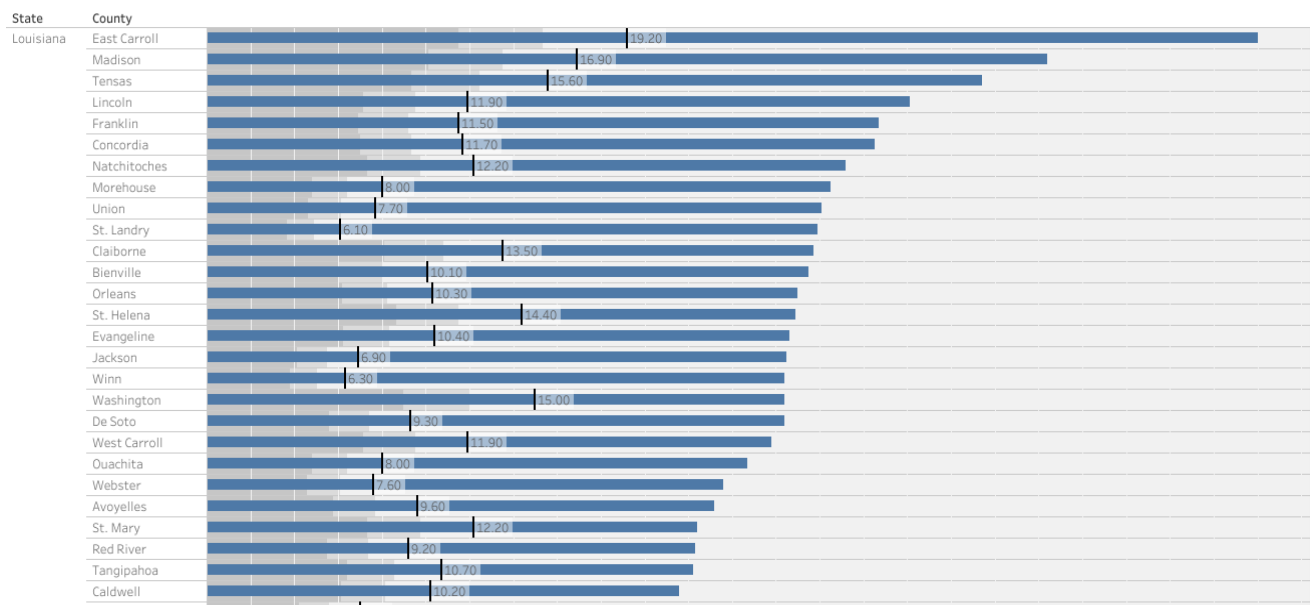
Summary: This visualization shows average poverty and average unemployment. From this visualization you can see that the county with the highest average poverty, East Carrol, also has the highest average unemployment.

Design: A bullet graph is used to show the average poverty with tick marks showing the average unemployment for comparison. I have included filters for state and county, allowing the data to be analyzed for different locations.

Resources: Udacity Data Visualization Course

Avg. Poverty compared to Avg. Unemployment

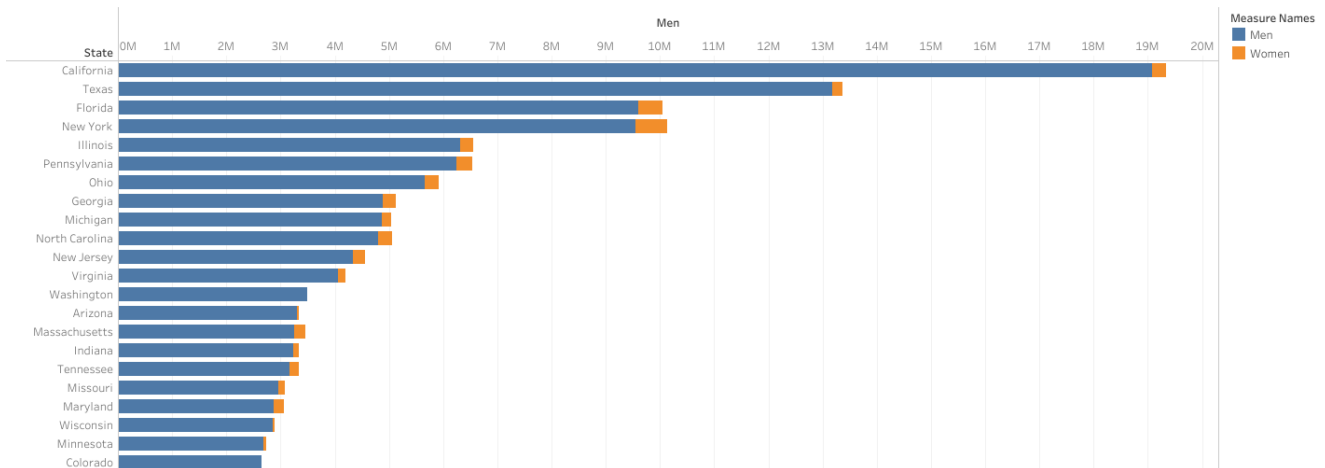| State	County	
Louisiana	East Carroll	19.20
	Madison	16.90
	Tensas	15.60
	Lincoln	11.90
	Franklin	11.50
	Concordia	11.70
	Natchitoches	12.20
	Morehouse	8.00
	Union	7.70
	St. Landry	6.10
	Claiborne	13.50
	Bienville	10.10
	Orleans	10.30
	St. Helena	14.40
	Evangeline	10.40
	Jackson	6.90
	Winn	6.30
	Washington	15.00
	De Soto	9.30
	West Carroll	11.90
	Ouachita	8.00
	Webster	7.60
	Avoyelles	9.60
	St. Mary	12.20
	Red River	9.20
	Tangipahoa	10.70
	Caldwell	10.20

Population of Men Compared to Women by State

https://public.tableau.com/app/profile/danielle.lamke/viz/UdacityProjectTellingStorieswithData/Sheet4

Summary: This visualization shows the sum of men compared to the sum of women by state. California has the largest population of both men and women.

Design: This visualization uses a horizontal bar chart with the columns on a dual axis so they are overlayed. I have included filters for state allowing the data quicky sorted for different locations.

Resources: Udacity Data Visualization Course

Population of Men Compared to Women by State

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Dashboard

Summary: This dashboard shows two visualizations from my project. The dashboard is updated when the filters on the sheets are changed. The income range for Louisiana is 21,099 to 70,551 and the most common transportation method is driving. The relationship between income and transportation can not be determined based on these visualizations.

Design: I chose a simple, clean layout with a single page that displays two visualizations.

Resources: Udacity Data Visualization Course

Average Income

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Transportation Type

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