# Quality of Life Analysis

It is important for a country to understand how its citizens are doing. Is the country a good place to live? Knowing that citizens are happy makes for a better world to live in. The U.S. government has tasked me with the business question: **What is the nations quality of life level?** The answer this I have used Tableau to analyze data scraped from a national database that reports on various metric that measure quality of life.

To start I looked at key metrics used to gage quality of life. The figure below illustrates average quality of life index, average cost of living, average healthcare index, average safety index and average temperature by region in the U.S. The figure is also color coded for each metric pairing with an average line that shows the nationwide average for that specific metric. These are important factors contributing to how well off someone is. As we can see the north east has the lowest quality of life index at 166.7, along with the highest cost of living, and lowest temperature. The south has the highest quality of index for the regions at 180.9, and the highest temperatures. The south has the lowest cost of living, average healthcare, and an average safety level.

Looking at the state level, the heat map below shows quality of life by state. North Carolina, West Virginia, and Oklahoma have the highest index out of the states in darker blue and are all in the south. While Michigan, Illinois, and Nebraska have the lowest in red/orange and are located in the northeast.

This is useful to the government because they can gage how well people are off. At a state level government, this brings to attention that change to the infrastructure that will allow its citizens to prosper. In addition governments can publicize this to be used as a guide by the public to determine where they want to live.



