

Quality of Life

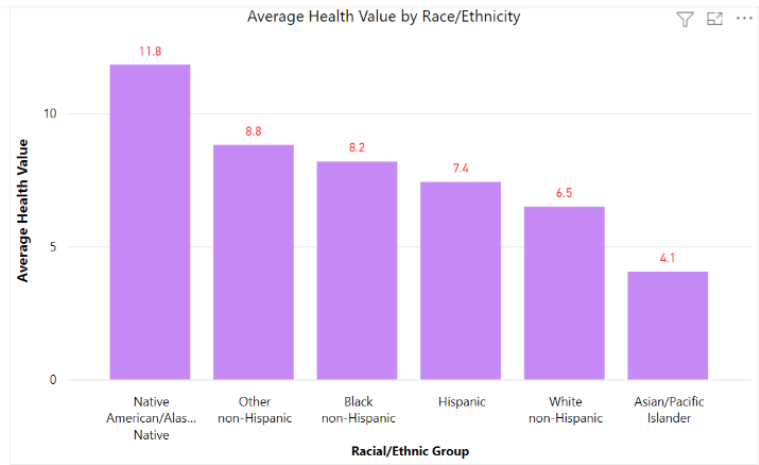
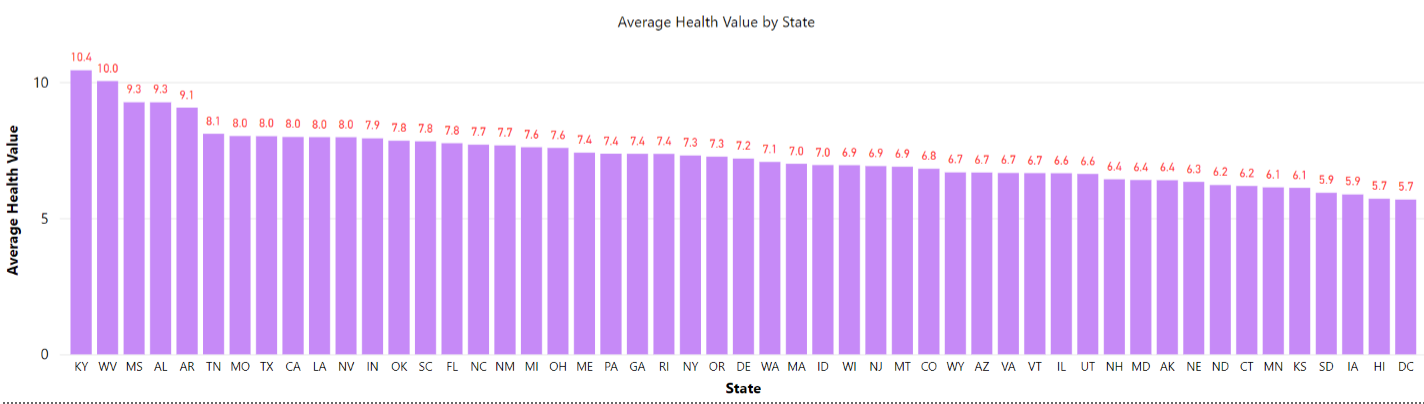
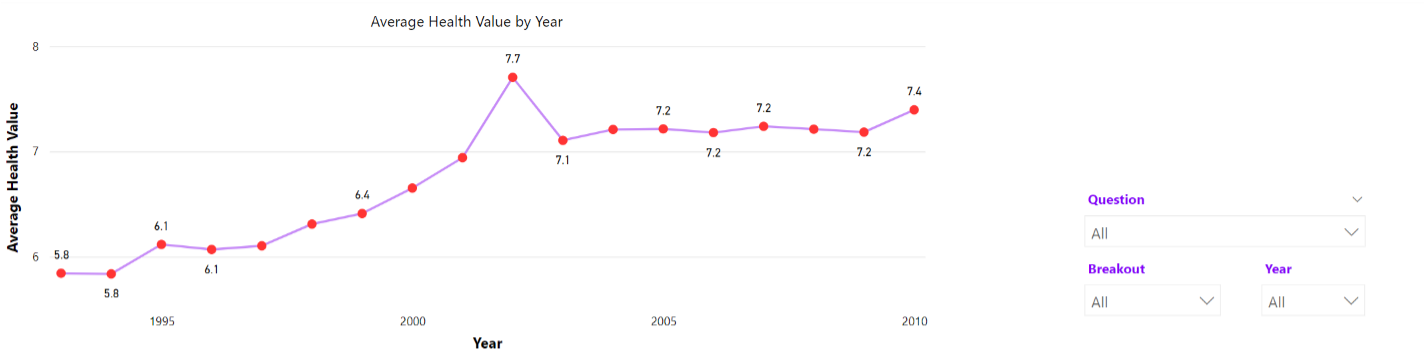
What are the Factors that Affect Quality of Life?

This report presents visualizations that show how different factors affect the quality of life in U.S. residents in each state. The factors examined in this report are race, age, gender, and income per capita. The data used in this report comes from 4 different datasets.

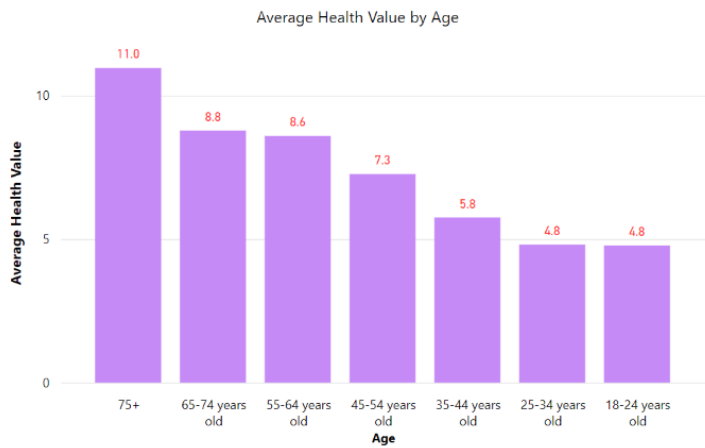
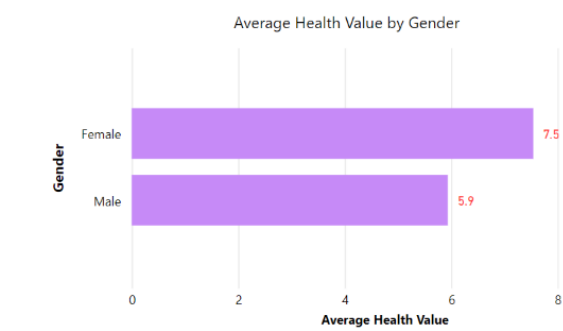
Datasets:

- [Behavioral Risk Factor Data: Health Related Quality of Life](#): This dataset was created by the CDC based on the responses of individuals to a behavior risk factor survey. The data was gathered from residents in each state, including D.C., from 1993 to 2010.
- [U.S. Population by Zip Code](#): This dataset was created from the U.S. Census count. It includes the number of residents, the minimum age, the maximum age, and gender per zip code for each zip code in the U.S.
- [State Personal Income](#): The U.S. Bureau of Economic Analysis published this dataset that details the personal income and the income per capita for each state from 1929 to 2010.
- [Race/Ethnicity](#): This dataset was created by DC Data Journalism for easy access for data scientists, but the data is gathered from multiple census reports. This dataset details the total populations of different racial groups by state in 2010 and 2015.

Page 2: Visualizations for Primary Dataset



Question: All
Year: All



Page 3: Correlation Matrix for Values by Question

	<i>Mean days of activity limitation</i>	<i>Mean mentally unhealthy days</i>	<i>Mean physically unhealthy days</i>	<i>Percentage with 14+ activity limitation days</i>	<i>Percentage with 14+ mentally unhealthy days</i>	<i>Percentage with 14+ physically unhealthy days</i>
Mean days of activity limitation	1					
Mean mentally unhealthy days	0.881665984	1				
Mean physically unhealthy days	0.961518122	0.867875541	1			
Percentage with 14+ activity limitation days	0.992163795	0.851565578	0.960342035	1		
Percentage with 14+ mentally unhealthy days	0.933752657	0.974845941	0.908522778	0.924336231	1	
Percentage with 14+ physically unhealthy days	0.9609939	0.830944281	0.991268158	0.971911143	0.895466647	1

The strongest correlation exists between physical health and activity limitation. Another strong, positive correlation is observed between mentally unhealthy days and physically unhealthy days.



