Project Name: Death and Legislation

Division of work

Aline Vo

* Stroke
* Slides for PowerPoint – Introduction, Solutions, and Topic
* Provided code for line graphs and bar graphs

William Reinhold

* Kidney Disease
* Provided starter code for data frames
* Calculate Top & Bottom States for Legislation
* Slides for PowerPoint – Data set explanations

Luke Brocker

* Heart Disease
* Slides for PowerPoint – Data visualization and analysis

Brian Stumm

* Suicide
* Provided code for T-tests and box plots
* Slides for PowerPoint - Summary

Annie Serlie Joseph Rajan

* Diabetes
* Slides for PowerPoint – Why line graphs?, why these states?, and how made the charts?

Questions:

1. How does legislature about health and nutrition effect the leading causes of death in each state year over year?
2. How different legislation types effect each cause of death, (which are more effective versus less effective?)
3. How government legislature based of physical activity effect mental health and suicide rates?
4. What kind of legislative action is being taken in each state in relation to specific causes of death?
   1. And how did it effect those causes of death?

Data Sets: NCHS Leading Causes of Death and CDC Nutritional, Obesity, & Physical Activity Legislation

Diseases: Diabetes, disease of the heart, kidney disease, self-harm, cerebrovascular

Top 5 States for # of Legislation passed

* Five states that passed the most legislation: New York, Hawaii, Massachusetts, California, Texas

Bottom 5 States # of Legislation passed

* Five states with the lowest passed legislation: South Dakota, Alaska, Wyoming, North Dakota, Kansas