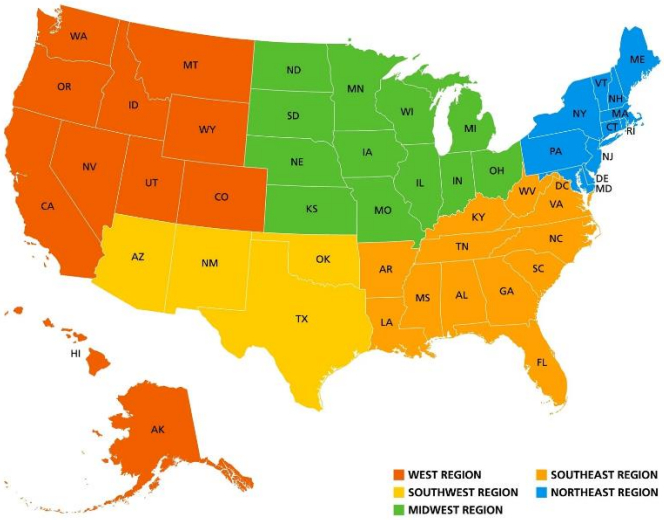
Outline for Bayesian Project.

- Introduction: Here we will explain the data set and how the CDC defines and tracks excess death.

- The Data: The three main variables we're examining are Observed Number of Excess Deaths (DV) with the Upper Bound Threshold (IV1) and Average Expected Count (IV2).
    - Within the data we have two different types: Predicted (Weighted) All Causes, Predicted (Weighted) All Causes Excluding Covid, and Unweighted All Causes. We'll need to determine if we want to include/exclude the Unweighted Data.

- We will break up the 50 US States and D.C. into regions:



Regional Map 1

- Exploratory Analysis: Here we perform summary statistics and compare them across regions. Also checking for model assumptions necessary for multiple linear regression.

- Modeling: Break our data into Train/Test Sets and fit a model to make predictions. If we can, lets try to make at least 2 models to compare.

- Conclusions: Wrapping up the project and what we've discovered.