We downloaded a dataset from the National Climatic Data Center that encompassed monthly mean temperature in each continental state from 1895 to today. First we isolated all months in 2010 and then started to parse through the data.

We picked one state from each climatic region, as mapped by the National Centers for Environmental Information, and created a line series for the monthly average temperate in nine states. A couple points here: states get hotter in the summer and colder in the winter (who knew!), and Florida and Texas were vying for hottest state also known as the most sweaty and gross.

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We then calculated the mean annual temperature for each state in 2010. We built a bar graph to rank annual temperature and added a horizontal national mean temperature line for the year. We then created a choropleth map to visualize this data in a different way.

We started comparing our temperature data and obesity data using both bar charts and can see that ten states had a 25% or higher rate of obesity and above average annual temperature. These fatter states are: Louisiana, Mississippi, Alabama, Arkansas, Oklahoma, South Carolina, North Carolina, Tennessee, Kentucky, and Missouri have above average obesity and temperatures