**Topic and/or geographic phenomena your map will explore**

The average crash rate between 2011 and 2014 of each county in Kentucky will be mapped in order to identify the crash trend for further prevention.

**Map objectives and user needs**

The map aims to present the statewide crash rate by counties between 2011 and 2014. It will also show the distribution of crashes across the state based on the causes of crashes. The map provides the managers with a good reference to identify the major crash causes and take corresponding measures; for the drivers, they could pay more attention according to the crash rate and causes when they drive in a specific county.

About the map, users can change the attribute through a dropdown menu to see the crash rate distribution based on different causes. When they click on a specific county, a popup window will show the information of crash rate of each year, population, and the cause.

**Data source**

* The crash data is from Kentucky Transportation Center

The link: <http://www.ktc.uky.edu/projects/analysis-of-traffic-crash-data-in-kentucky-2011-2015/>

* The Geojson data of Kentucky is from the material provided by MAP673.