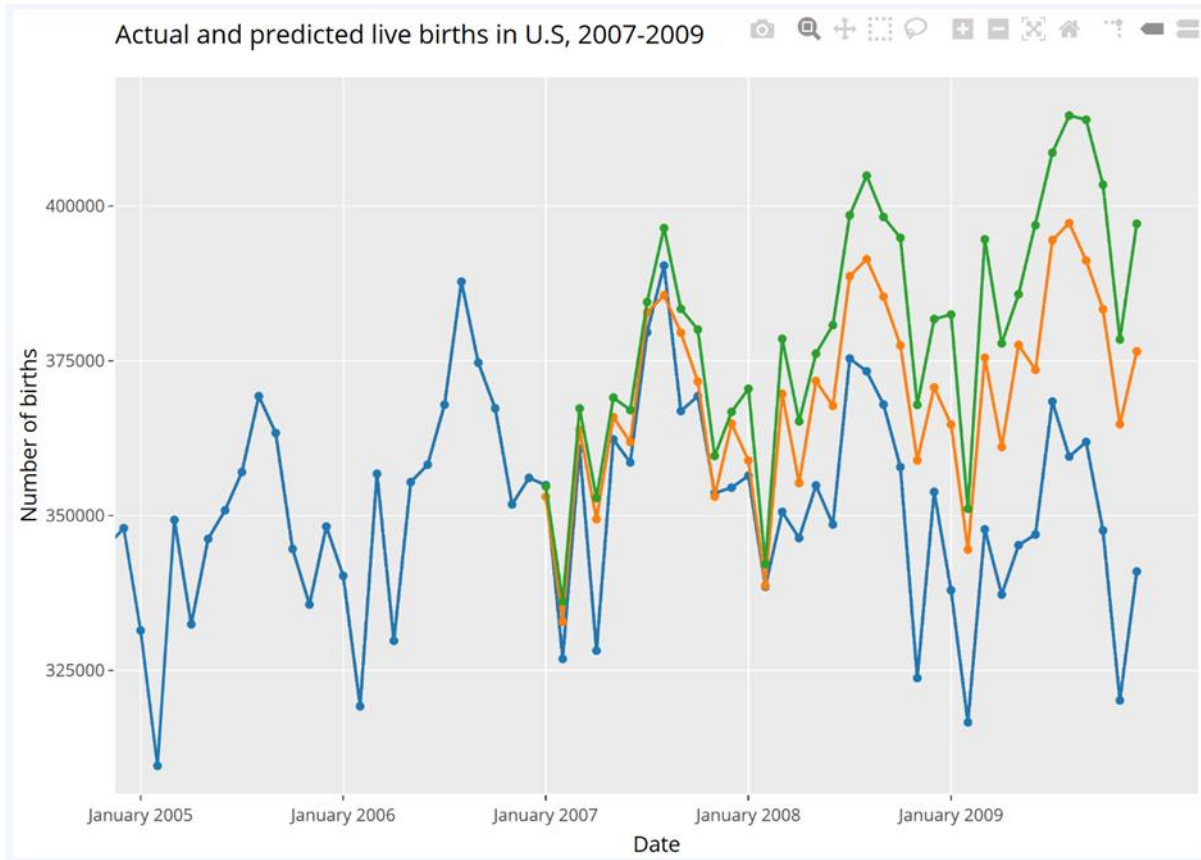# Data Visualization Samples using ggplot2, plotly, gganimate

Interactive time series predictions vs. actual births 2007-2009 based on 1978-2006 values:
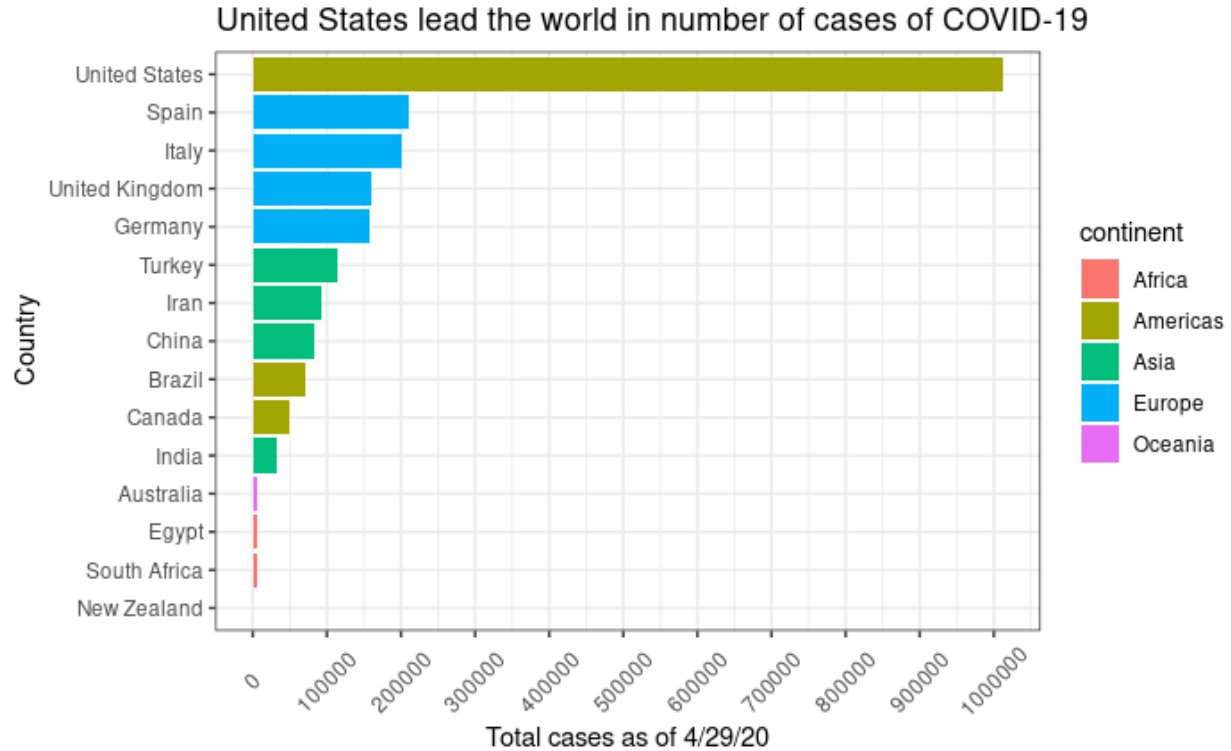
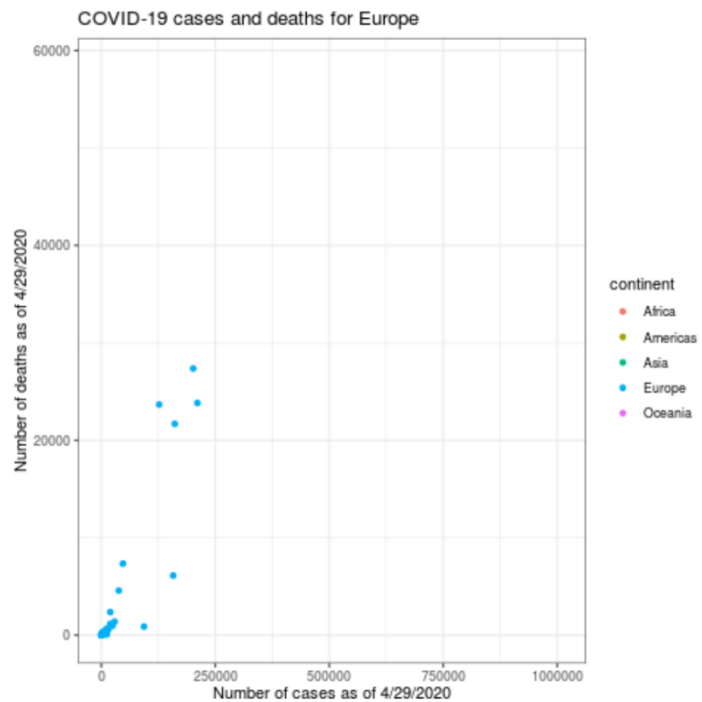https://chart-studio.plotly.com/~loseybr/5

Screenshot:

Data Visualization Samples using ggplot2, plotly, gganimate

Sample plots from COVID-19 data exploration (data through 4/30/20):

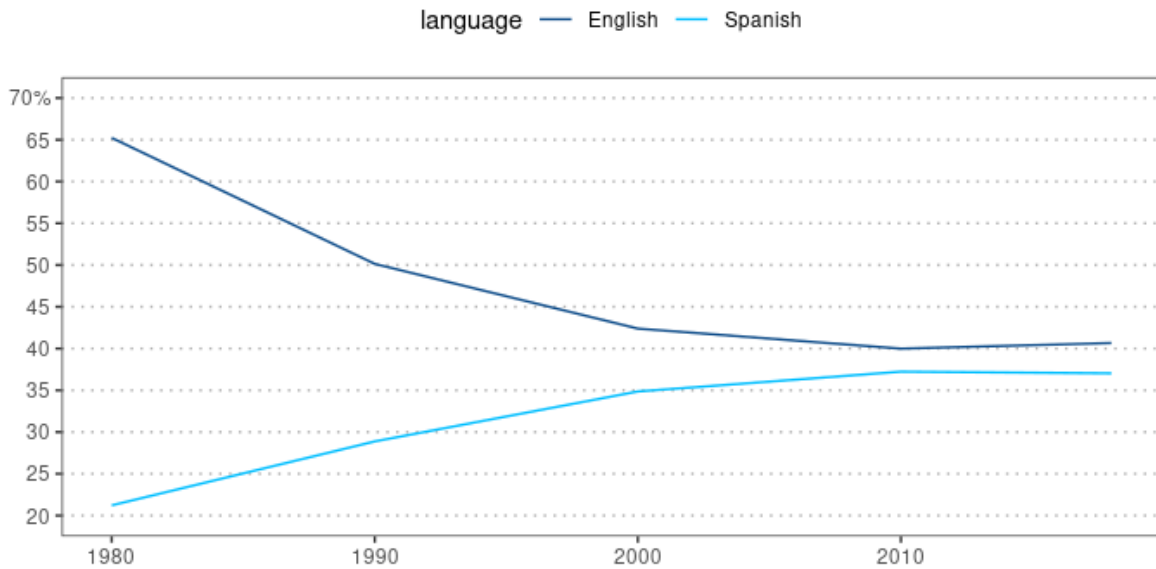## United States lead the world in number of cases of COVID-19

Screenshot of animated number of cases, deaths by continent

Data Visualization Samples using ggplot2, plotly, gganimate

Just for fun:

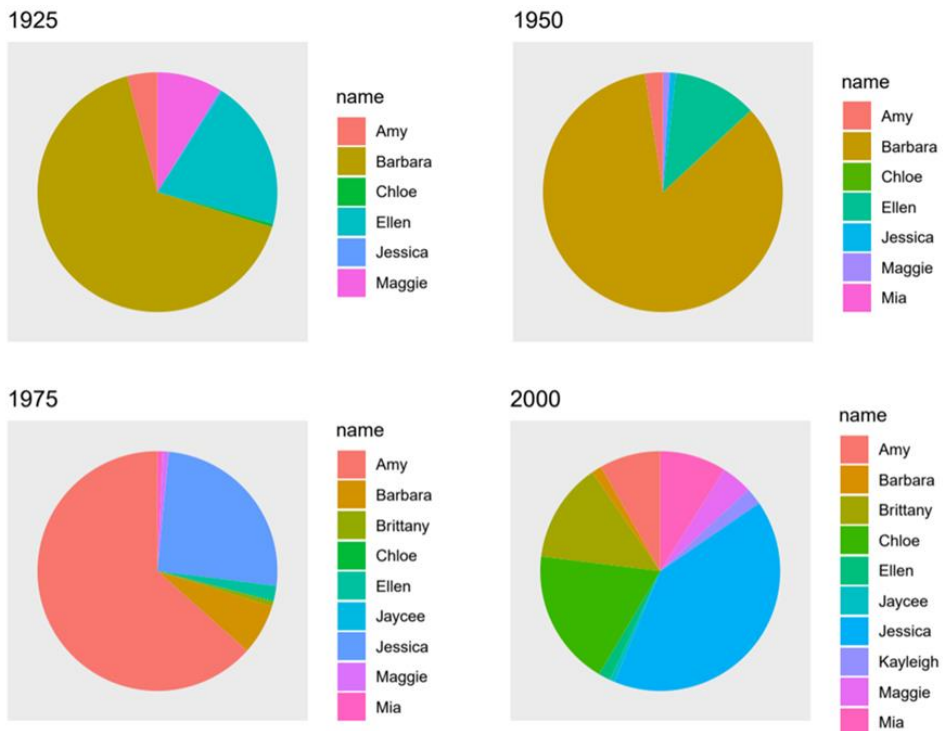
Top languages spoken in L.A.
County homes

Data Source: https://raw.githubusercontent.com/datadesk/la-county-language-analysis/master/los-angeles-county-languages.csv

Two different comparisons of popularity of the names of girls on my ultimate frisbee team (Bexar) over the 20th century:

(see next page)

Data Visualization Samples using ggplot2, plotly, gganimate

1925
Barbara dominates Bexar girl names

1950
Barbara continues her reign

1975
Amy takes over Bexar girl name popularity

2000
Jessica becomes top name