quick-analysis by state and WA county

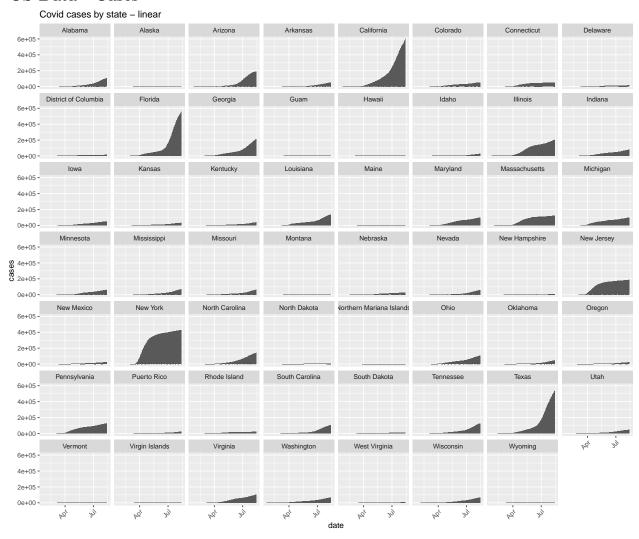
A quick visualization of the published NYT data on US Covid-19 cases by state. Source data may be found here: https://github.com/nytimes/covid-19-data

There are two types of graphs here currently:

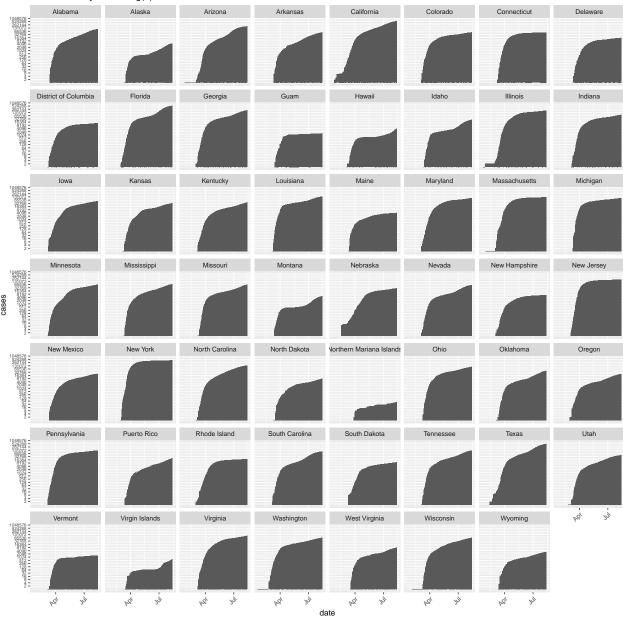
- Linear this is just an absolute count reported by date
- $\log(2)$ this is a $\log(2)$ graph of count by date, intended to help display the doubling trend

Note that this data is historical, not predictive. It's intended to help illustrate what has happened so far.

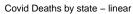
US Data - Cases

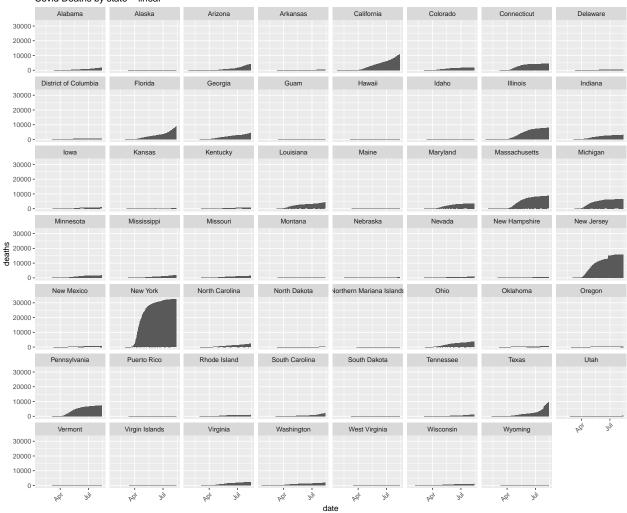


Covid cases by state - log(2)



US Data - Deaths

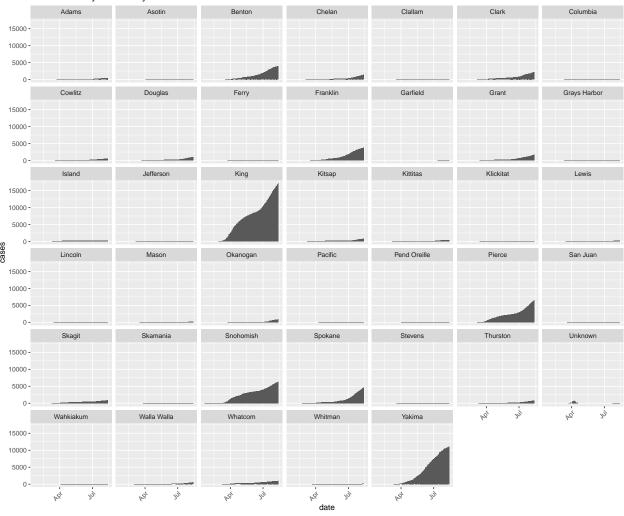




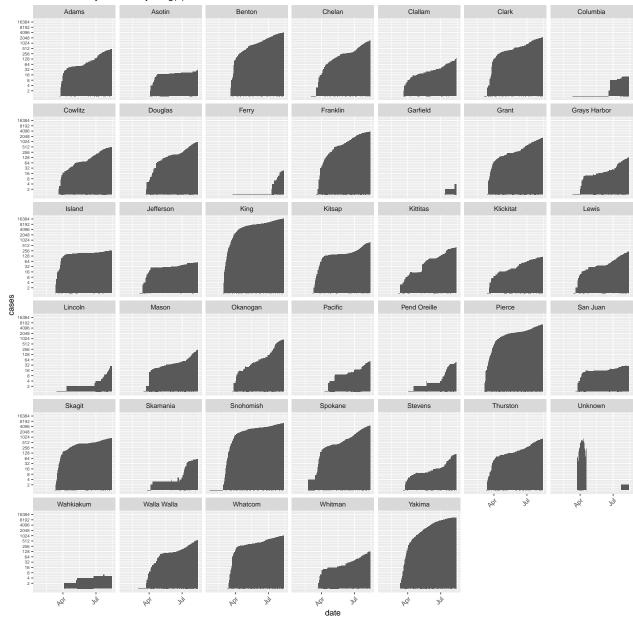
Covid deaths by state - log(2) Alabama Alaska Arizona Arkansas California Colorado Connecticut Delaware District of Columbia Florida Georgia Guam Hawaii Idaho Illinois 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -Louisiana Maryland Michigan Kansas Kentucky Maine Massachusetts 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -32 -16 -8 -4 -2 -Mississippi Missouri Montana Nebraska Nevada New Hampshire New Jersey Minnesota 32768 = 16384 = 8192 = 4096 = 2048 = 1024 = 512 = 256 = 128 = 32 = 16 = 4 = 2 = 2 Oregon New Mexico New York North Carolina North Dakota Northern Mariana Islands Ohio Oklahoma 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -32 -16 -8 -4 -2 -Pennsylvania Puerto Rico Rhode Island South Carolina South Dakota Tennessee Texas Utah 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -32 -16 -4 -2 -Wyoming Hat Pot Hay Int. In Prop Vermont Virgin Islands Virginia Washington West Virginia Wisconsin 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -

Washington Counties - Cases



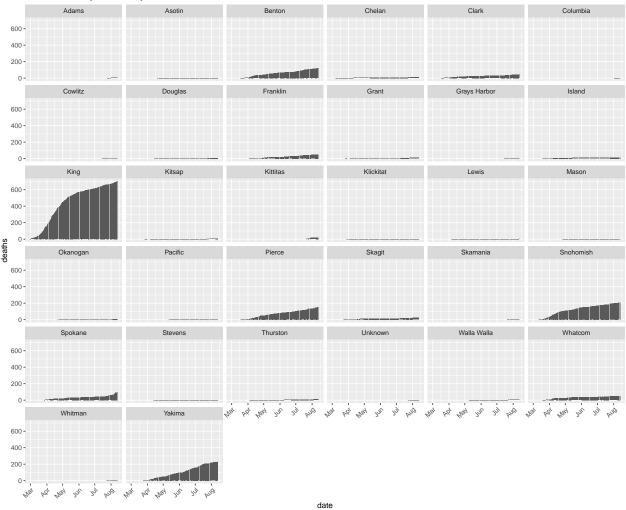


Covid Cases by WA County - log(2)

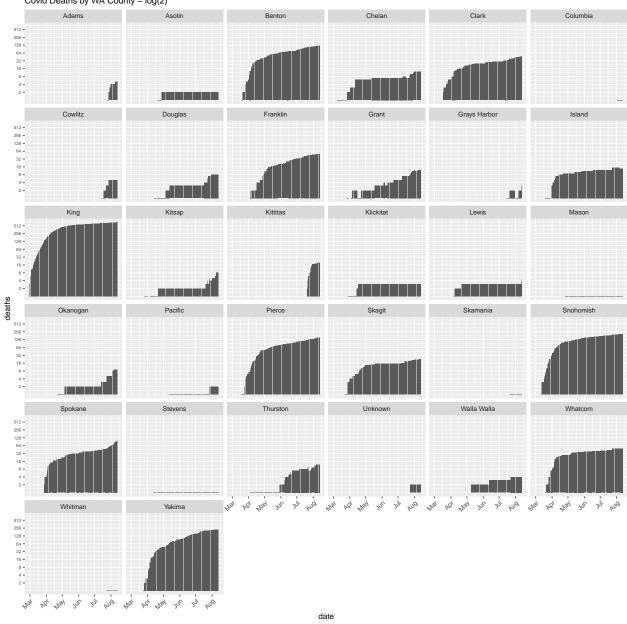


Washington Counties - Deaths



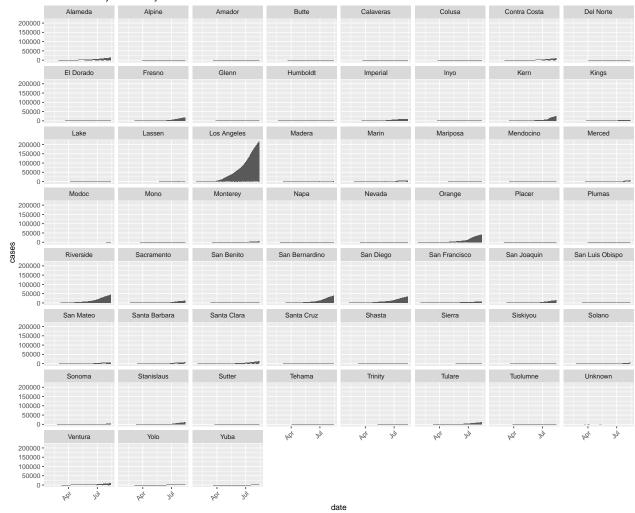






California Counties - Cases

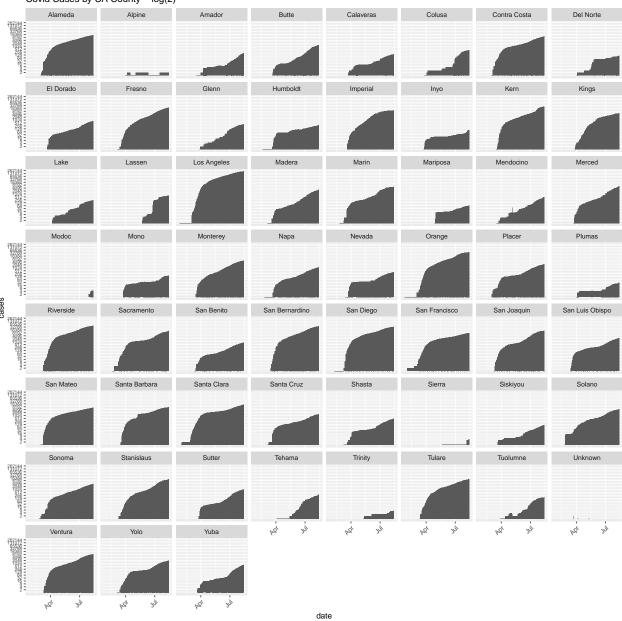




Warning: Transformation introduced infinite values in continuous y-axis

Warning: Removed 3 rows containing missing values (geom_col).

Covid Cases by CA County - log(2)



California Counties - Deaths

Covid Deaths by CA County - linear

