# quick-analysis by state and WA county

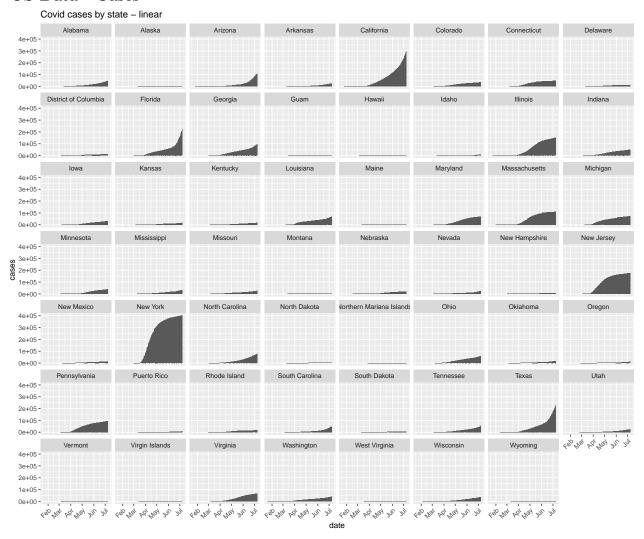
A quick visualization of the published NYT data on US Covid-19 cases by state. Source data may be found here: https://github.com/nytimes/covid-19-data

There are two types of graphs here currently:

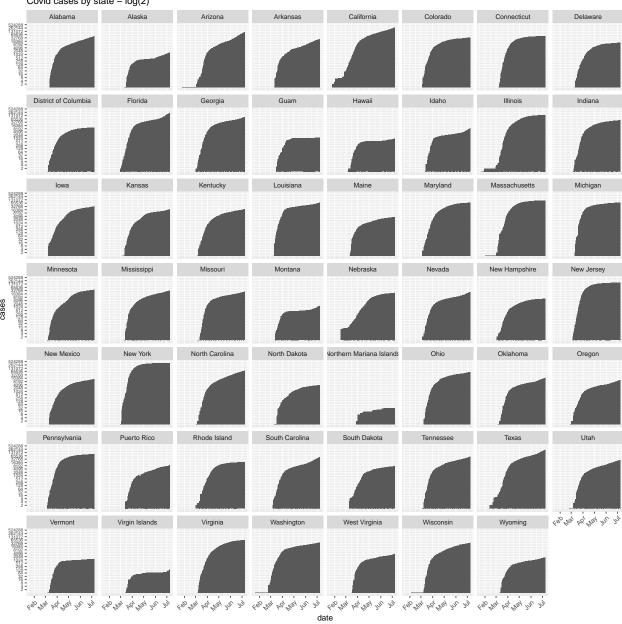
- Linear this is just an absolute count reported by date
- $\log(2)$  this is a  $\log(2)$  graph of count by date, intended to help display the doubling trend

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

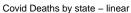
# US Data - Cases

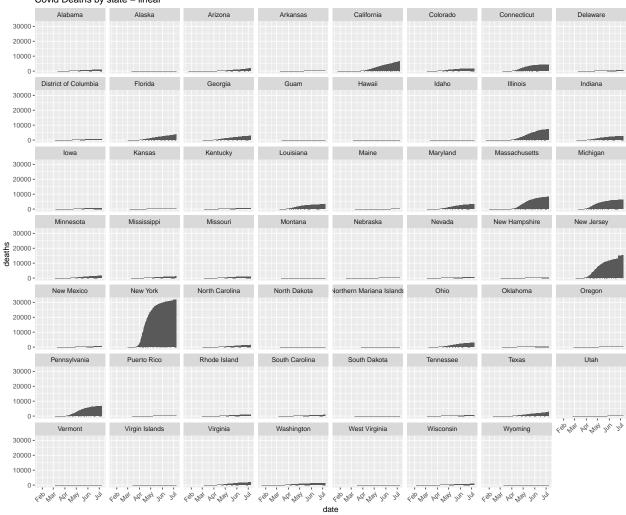


#### Covid cases by state - log(2)



## US Data - Deaths

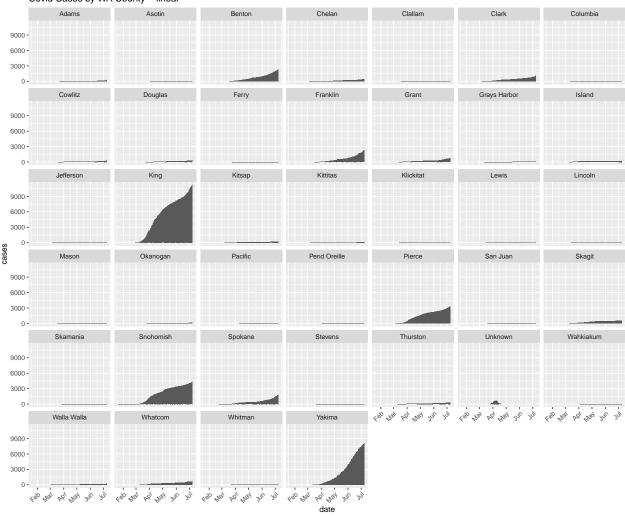




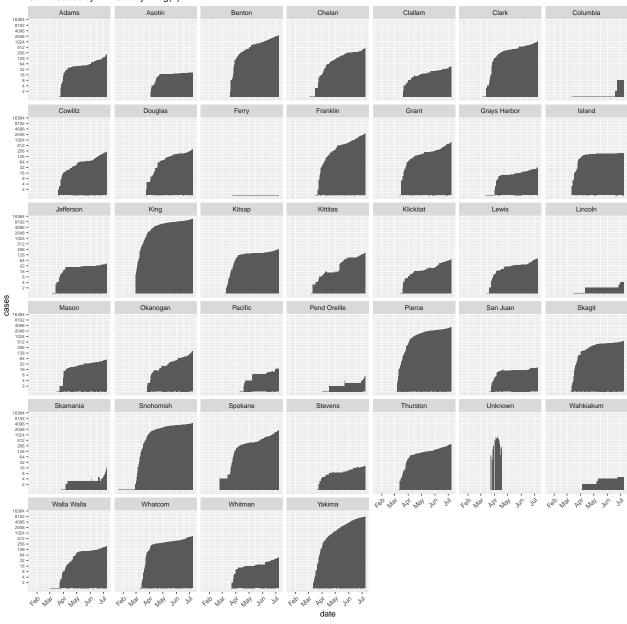
#### Covid deaths by state - log(2) Alabama Alaska Arizona Arkansas California Colorado Connecticut Delaware 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -2 -District of Columbia Florida Georgia Guam Hawaii Idaho Illinois 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -Maryland Massachusetts Michigan Kansas Kentucky Louisiana Maine 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -32 -16 -8 -4 -2 -New Jersey Minnesota Mississippi Missouri Montana Nebraska Nevada New Hampshire 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -Oregon New Mexico New York North Carolina North Dakota Northern Mariana Islands Ohio Oklahoma 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -2 -Pennsylvania Puerto Rico Rhode Island South Carolina South Dakota Tennessee 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -"Not bed "Not I'm Wyoming Vermont Virgin Islands Virginia Washington West Virginia Wisconsin Vermont 32768 15336 15336 15336 15356 1536 1536 153 154 155

# Washington Counties - Cases

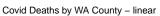


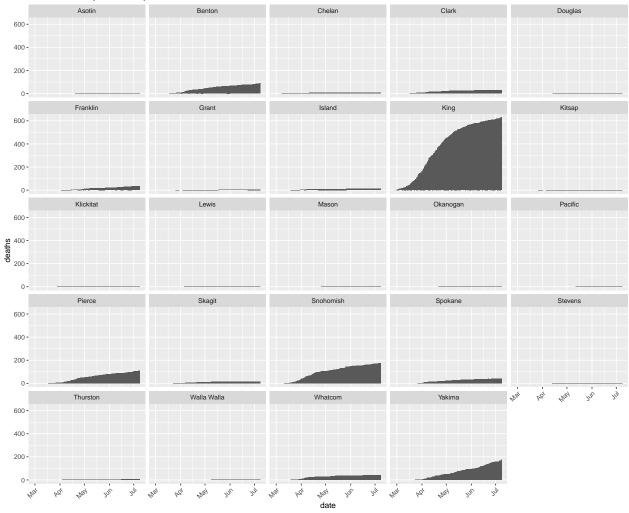


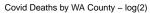
### Covid Cases by WA County - log(2)

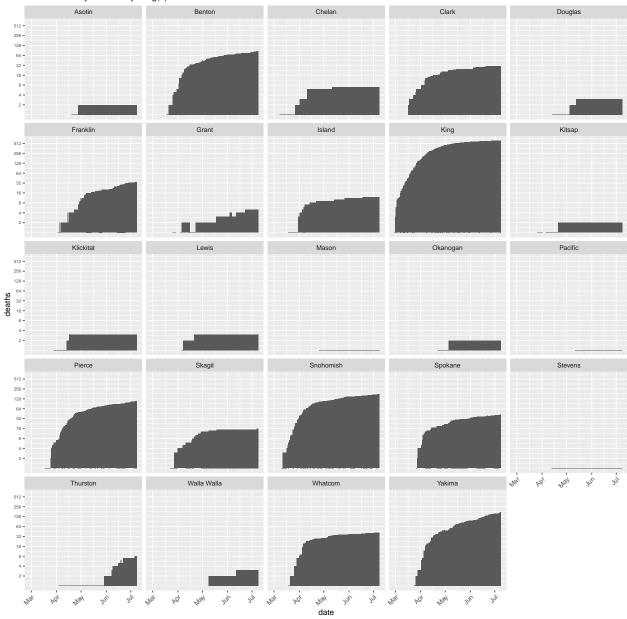


# Washington Counties - Deaths



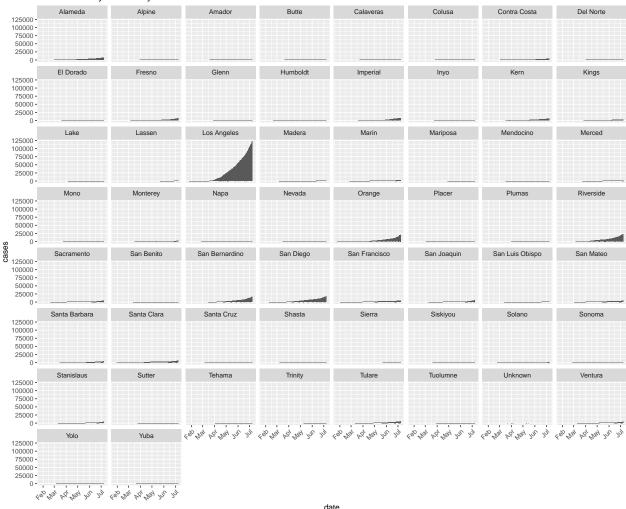






## California Counties - Cases

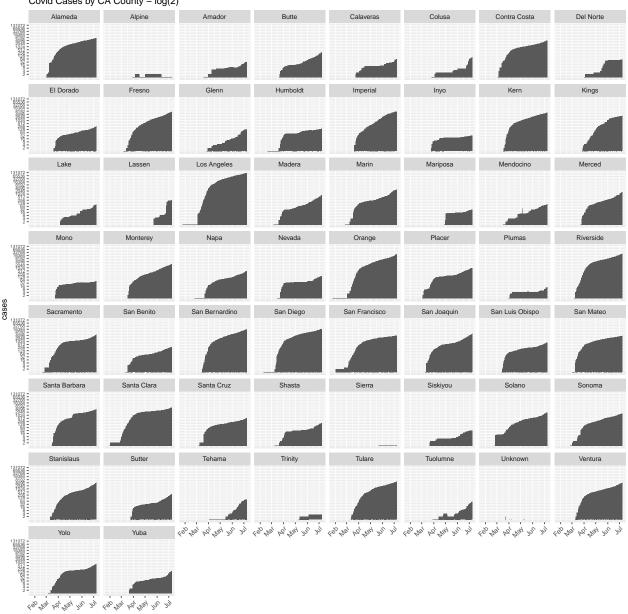




## Warning: Transformation introduced infinite values in continuous y-axis

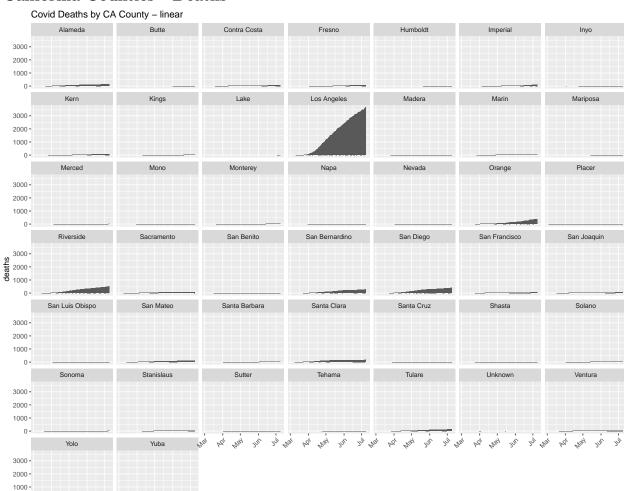
## Warning: Removed 3 rows containing missing values (geom\_col).

# Covid Cases by CA County - log(2)



date

## California Counties - Deaths



date

