# quick-analysis by state and WA county

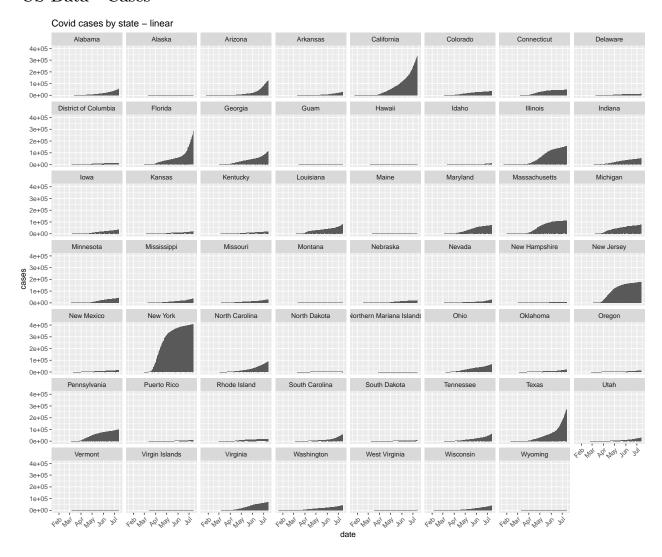
A quick visualization of the published NYT data on US Covid-19 cases by state. Source data may be found here: https://github.com/nytimes/covid-19-data

There are two types of graphs here currently:

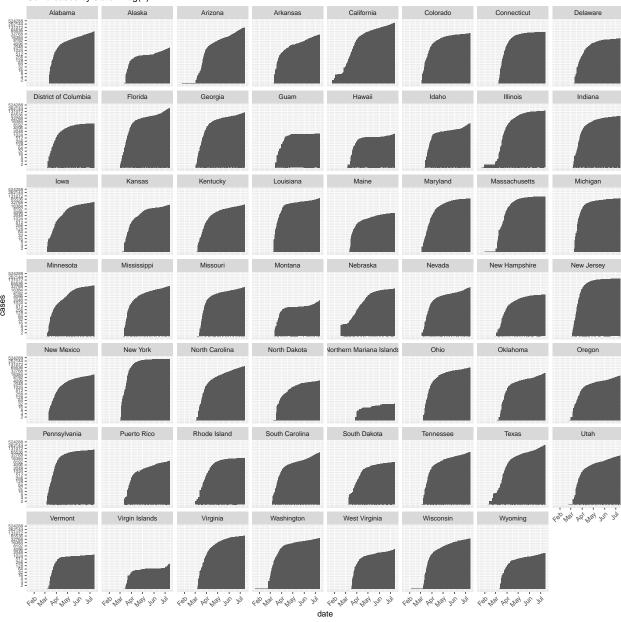
- Linear this is just an absolute count reported by date
- log(2) this is a log(2) graph of count by date, intended to help display the doubling trend

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

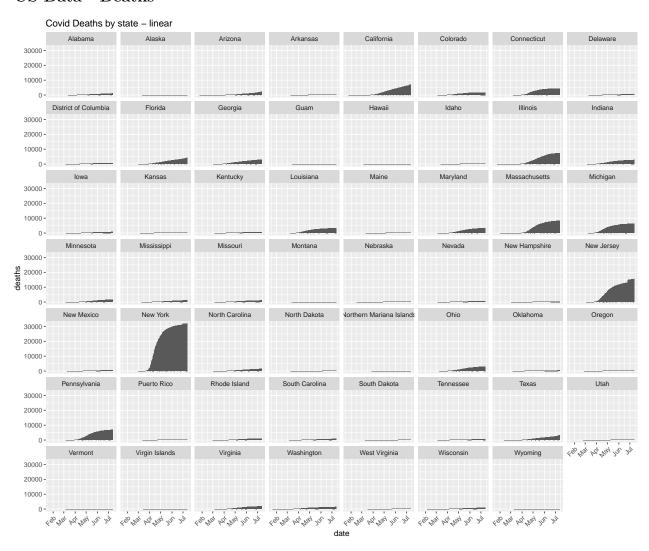
### US Data - Cases



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

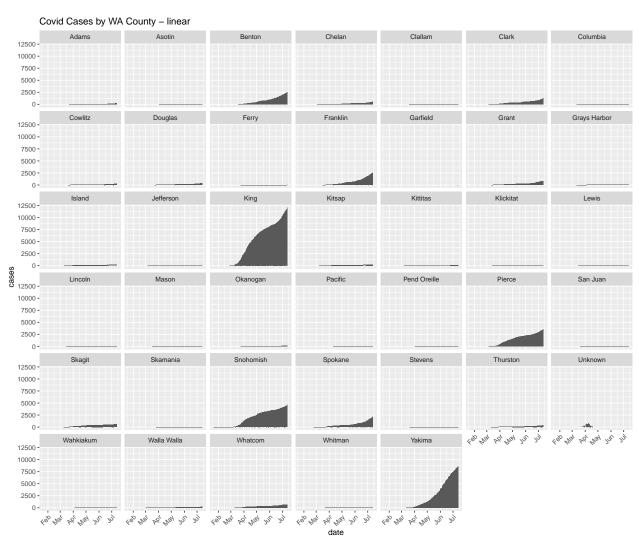


### US Data - Deaths

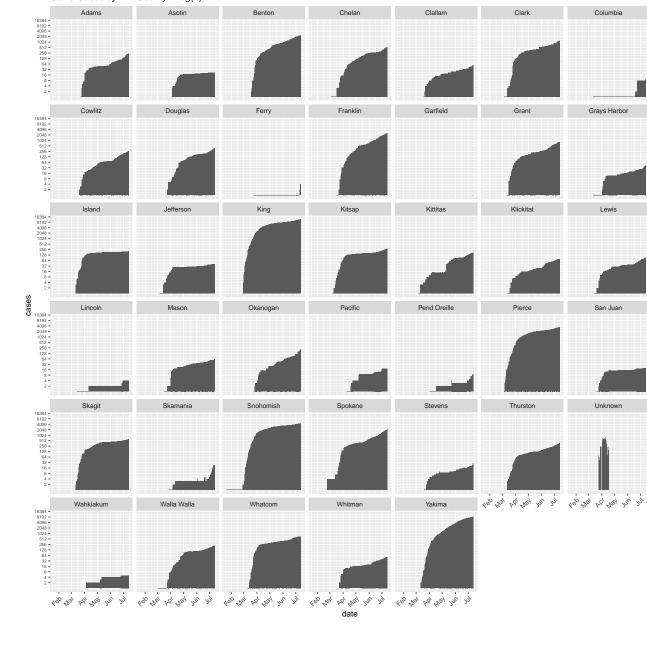


#### Covid deaths by state - log(2) Alabama Alaska Arizona Arkansas California Colorado Connecticut Delaware 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -2 -District of Columbia Florida Georgia Guam Hawaii Idaho Illinois 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -Michigan Kansas Kentucky Louisiana Maine Maryland Massachusetts 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -32 -16 -8 -4 -2 -Mississippi Minnesota Missouri Montana Nebraska Nevada New Hampshire New Jersey 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 -32 -16 -8 -4 -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 -Wyoming Way boy May My Vermont Virgin Islands Virginia Washington West Virginia Wisconsin 32768 -16384 -8192 -4096 -2048 -1512 -256 -128 -4 -32 -4 -2 -Her be the her in in the be the line in the bet the in in in

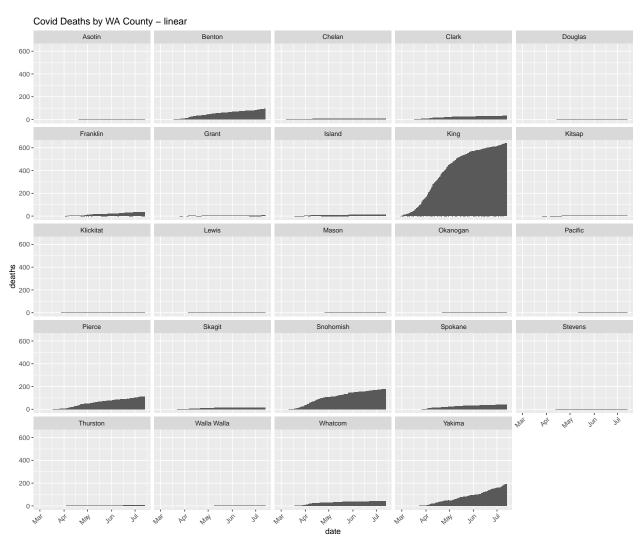
# Washington Counties - Cases



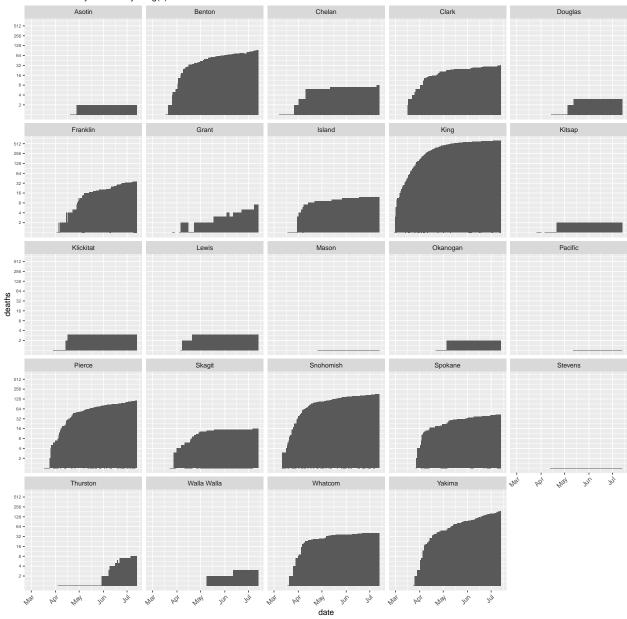
#### Covid Cases by WA County - log(2)



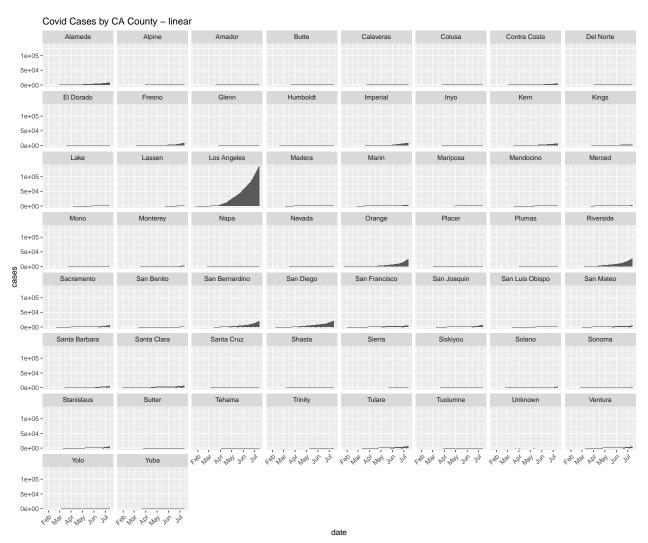
# Washington Counties - Deaths







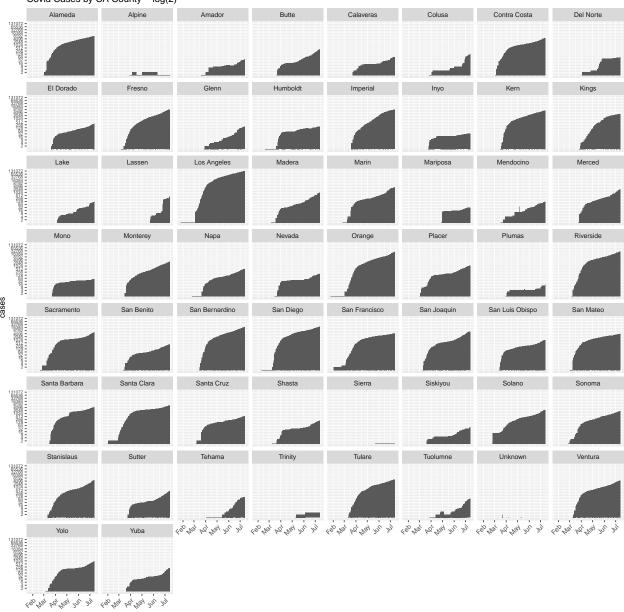
# California Counties - Cases



## 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

