# quick-analysis by state and WA county

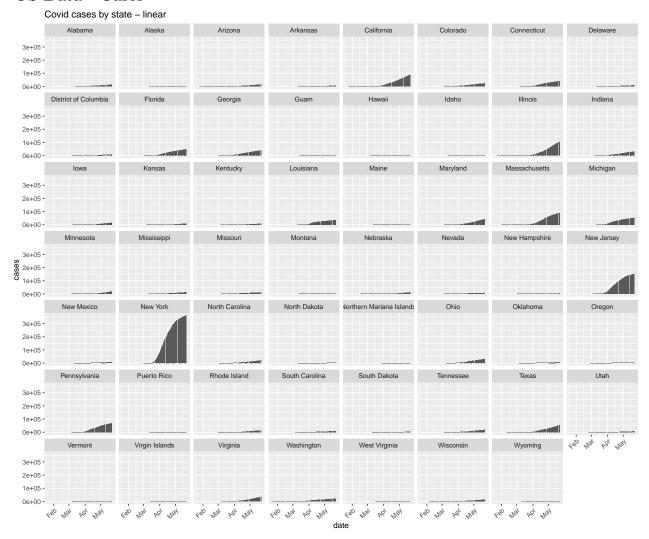
A quick visualization of the published NYT data on US Covid-19 cases by state. Source data may be found here: https://github.com/nytimes/covid-19-data

There are two types of graphs here currently:

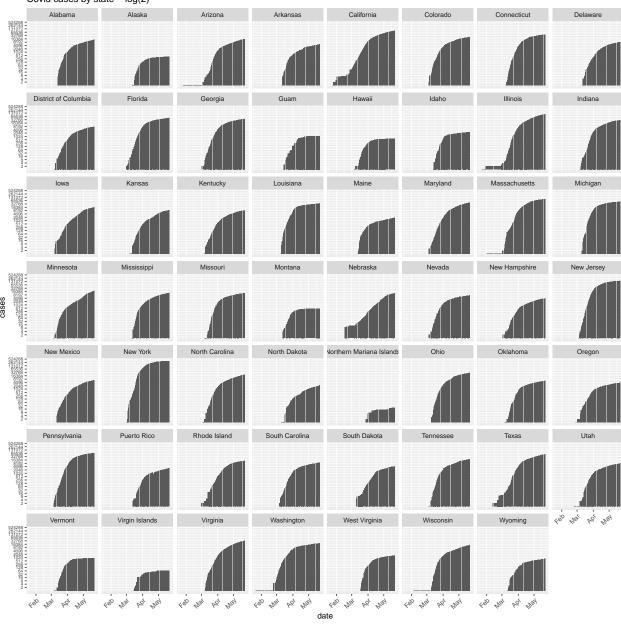
- Linear this is just an absolute count reported by date
- $\log(2)$  this is a  $\log(2)$  graph of count by date, intended to help display the doubling trend

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

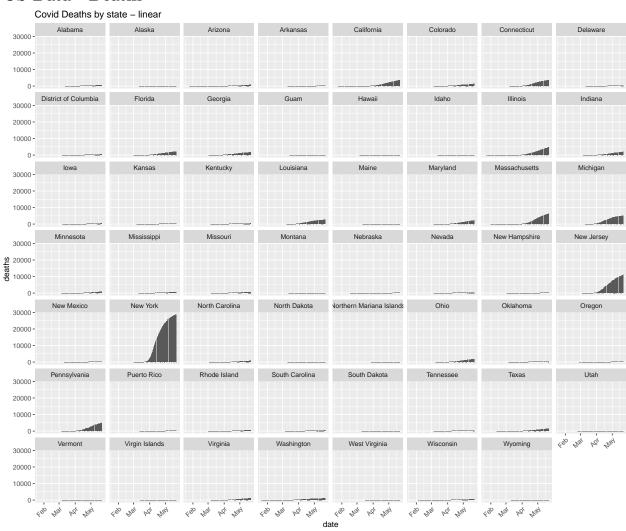
### US Data - Cases

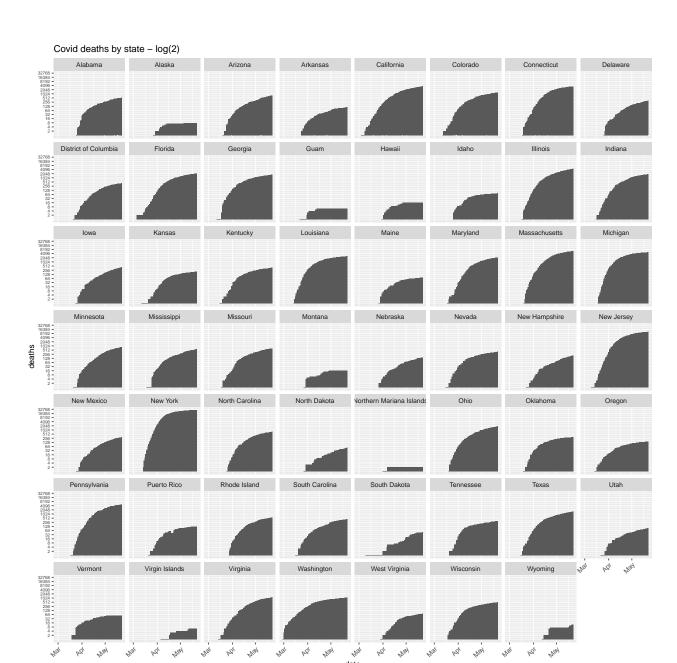


## Covid cases by state - log(2)

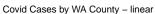


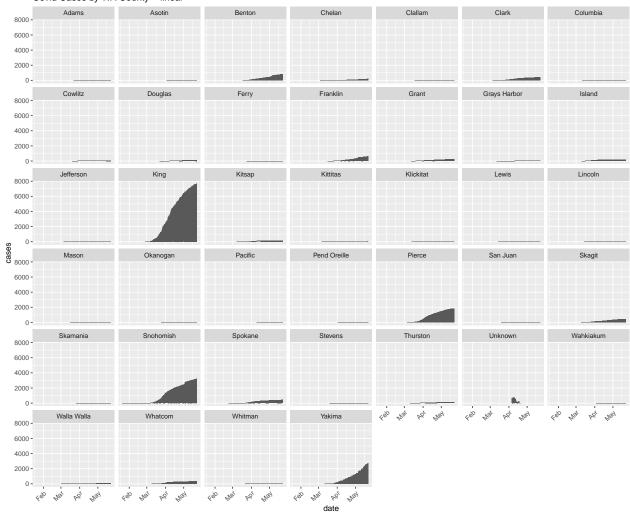
### US Data - Deaths



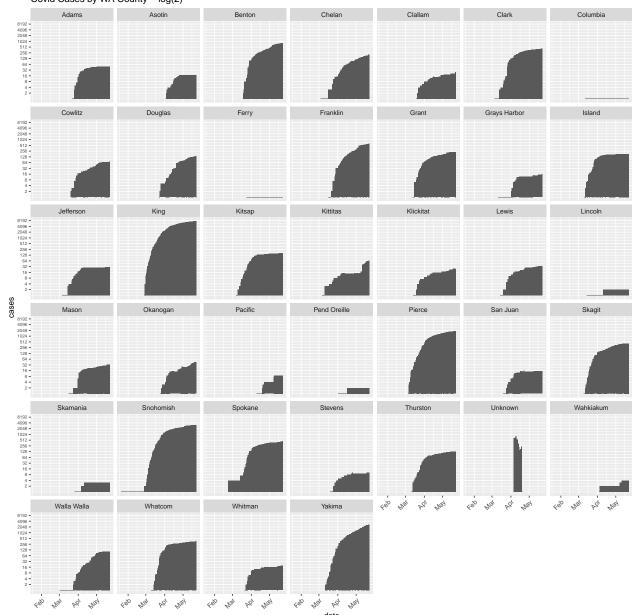


## Washington Counties - Cases

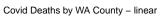


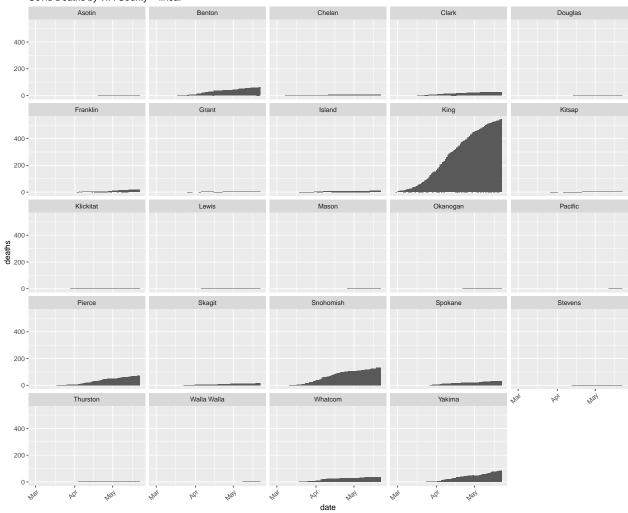


#### Covid Cases by WA County - log(2)

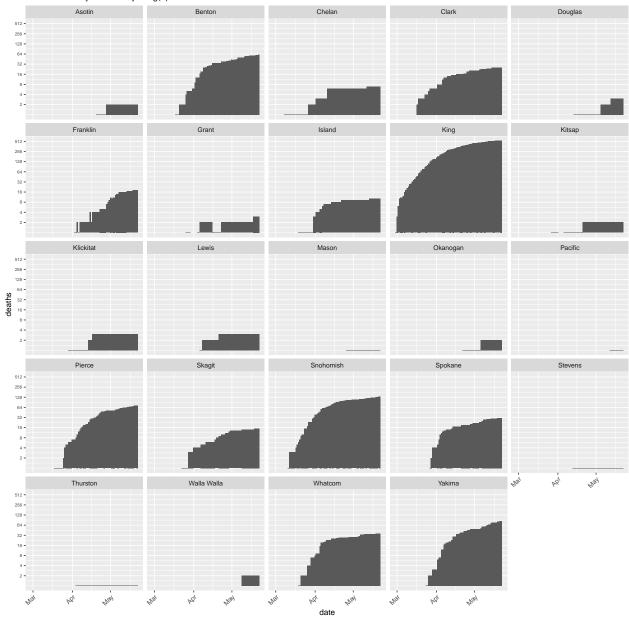


## Washington Counties - Deaths

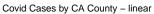


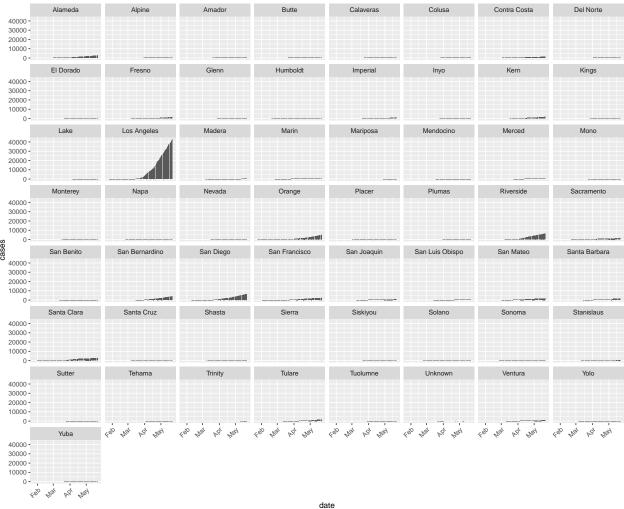


#### Covid Deaths by WA County - log(2)



### California Counties - Cases

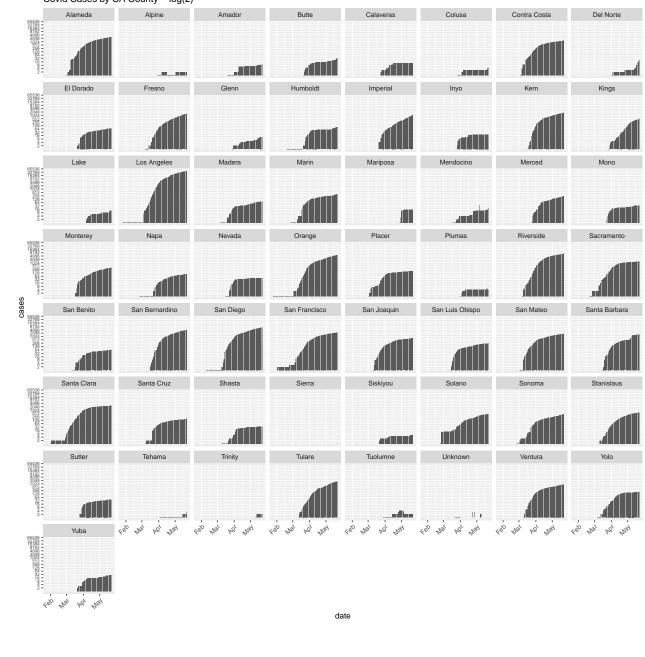




## Warning: Transformation introduced infinite values in continuous y-axis

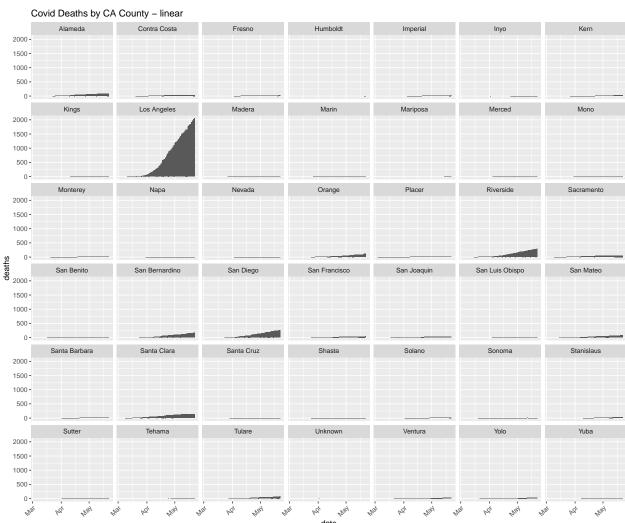
## Warning: Removed 1 rows containing missing values (geom\_col).

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



date

## California Counties - Deaths



## Covid Deaths by CA County - log(2) Contra Costa Alameda Fresno Humboldt Imperial Inyo 2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -Los Angeles Madera Marin Kings Mariposa Merced Mono Riverside Monterey Napa Orange Placer Sacramento 2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -San Benito San Bernardino San Diego San Francisco San Joaquin San Luis Obispo San Mateo Santa Barbara Santa Clara Santa Cruz Shasta Solano Sonoma Stanislaus Tehama