# quick-analysis by state and WA county

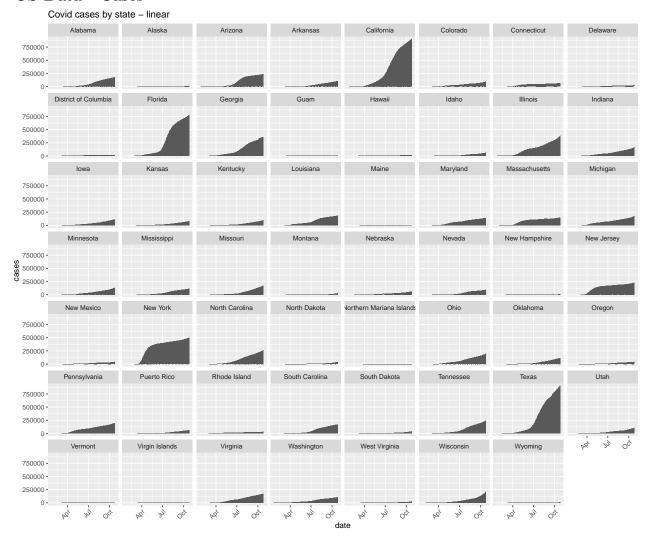
A quick visualization of the published NYT data on US Covid-19 cases by state. Source data may be found here: https://github.com/nytimes/covid-19-data

There are two types of graphs here currently:

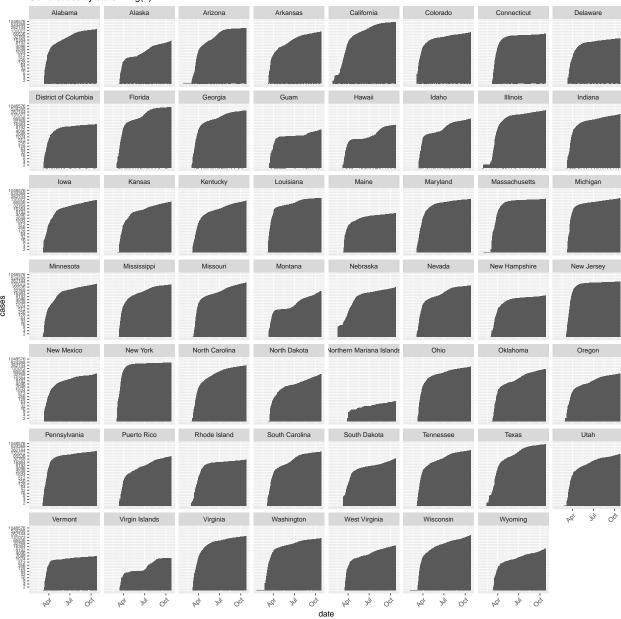
- Linear this is just an absolute count reported by date
- $\log(2)$  this is a  $\log(2)$  graph of count by date, intended to help display the doubling trend

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

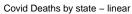
## US Data - Cases

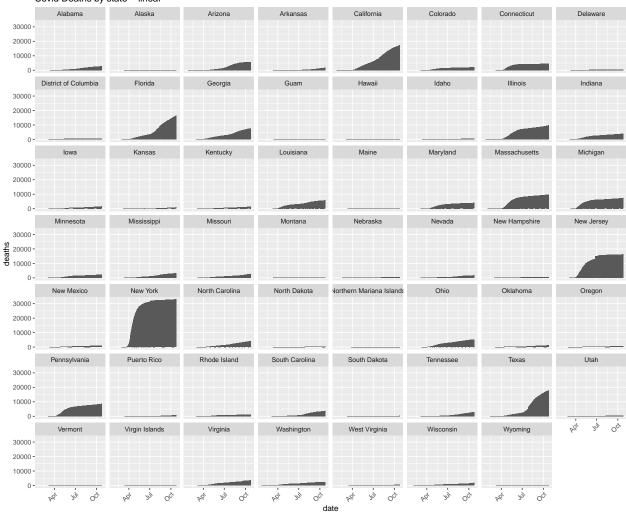


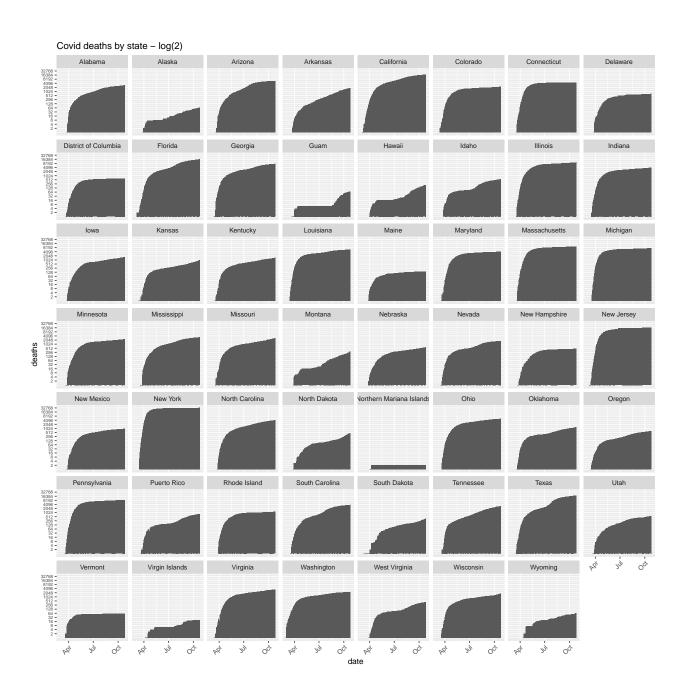
### Covid cases by state - log(2)



## US Data - Deaths

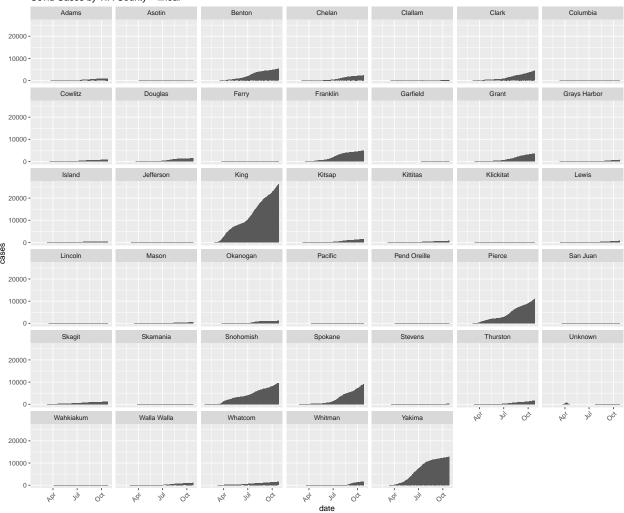




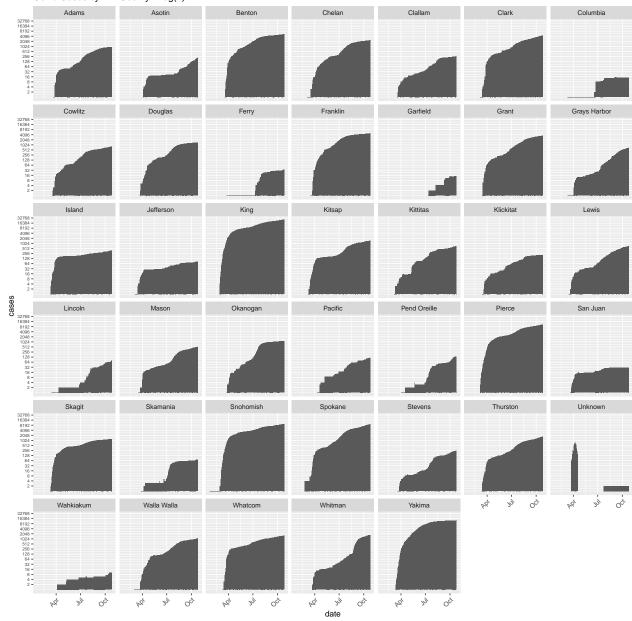


## Washington Counties - Cases

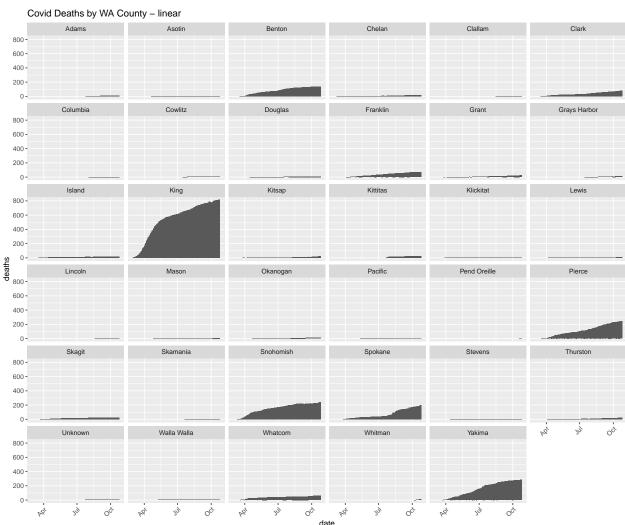




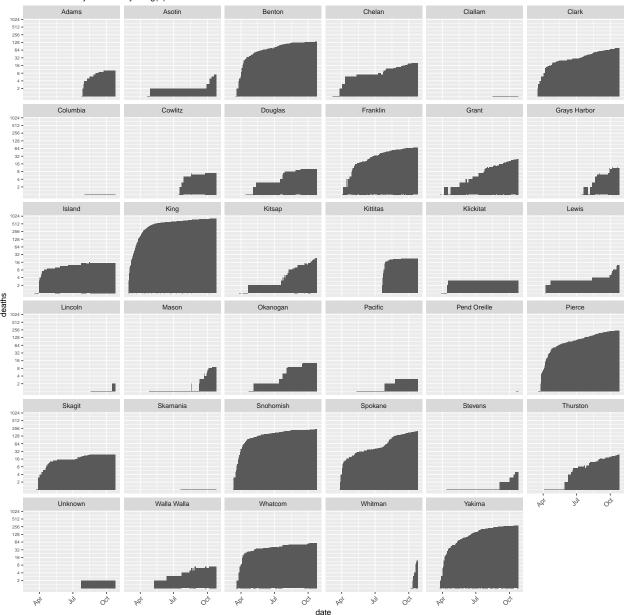
### Covid Cases by WA County - log(2)



## Washington Counties - Deaths

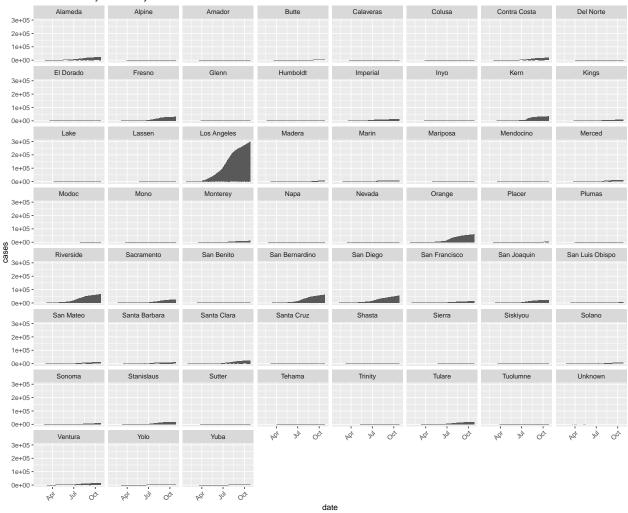


#### Covid Deaths by WA County - log(2)



## California Counties - Cases

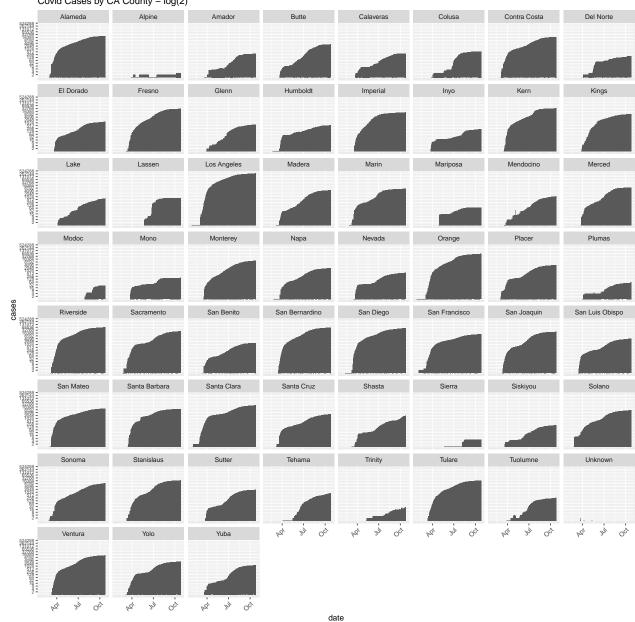




## Warning: Transformation introduced infinite values in continuous y-axis

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

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



## California Counties - Deaths

2000 -

Covid Deaths by CA County - linear Contra Costa Alameda Amador Butte Calaveras Colusa Del Norte El Dorado 6000 -4000 -2000 -0 -Humboldt Fresno Glenn Imperial Kern Kings Lake 6000 -4000 -2000 -Lassen Los Angeles Madera Marin 4000 -2000 -0 -San Benito Monterey Napa Nevada Orange Placer Riverside Sacramento 6000 death 4000 - 2000 -0 -San Joaquin San Luis Obispo San Bernardino San Francisco Santa Barbara 6000 -4000 -2000 -Santa Cruz Shasta Solano Sonoma Stanislaus Sutter Tehama Tulare 6000 -4000 -2000 -0 -Ventura Yolo Tuolumne Unknown 6000 -4000 -

