# quick-analysis by state and WA county

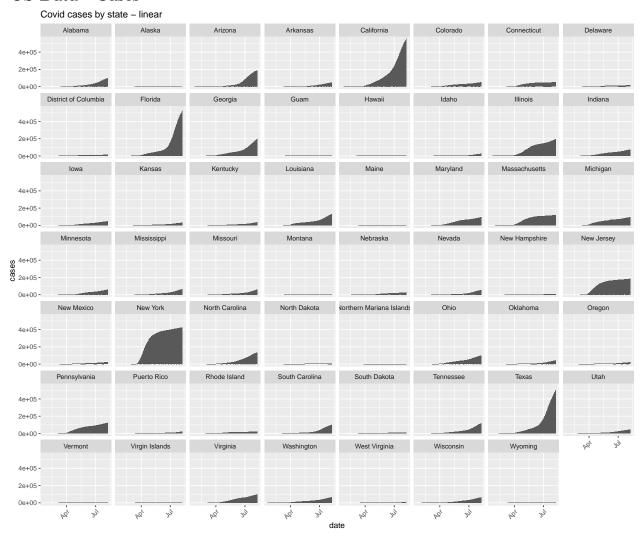
A quick visualization of the published NYT data on US Covid-19 cases by state. Source data may be found here: https://github.com/nytimes/covid-19-data

There are two types of graphs here currently:

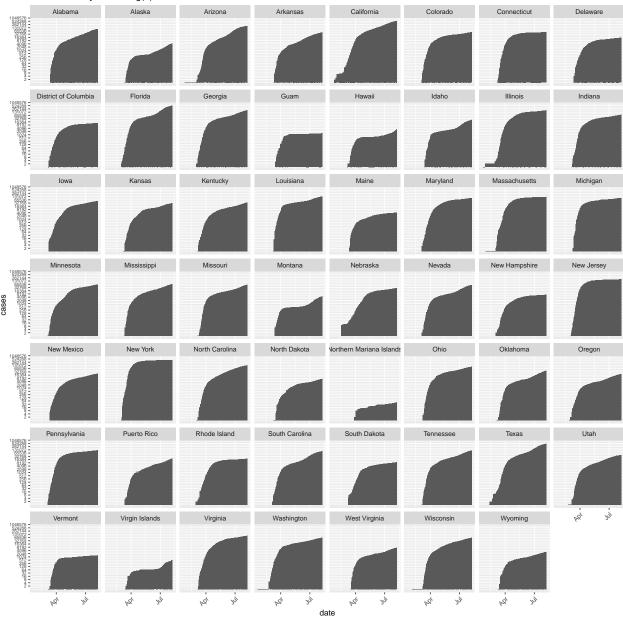
- Linear this is just an absolute count reported by date
- $\log(2)$  this is a  $\log(2)$  graph of count by date, intended to help display the doubling trend

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

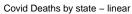
### US Data - Cases

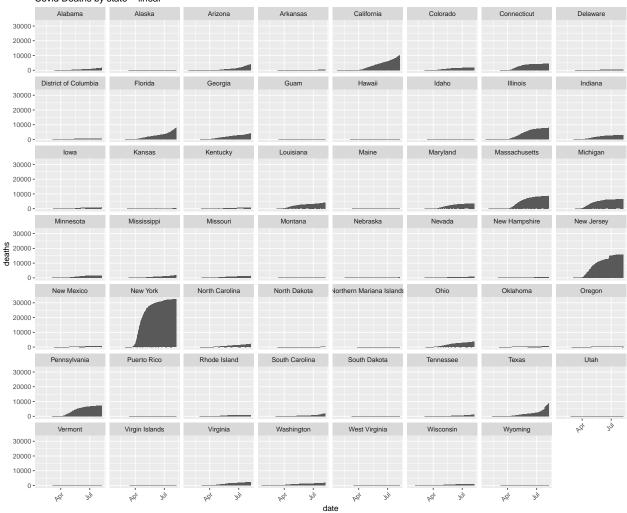


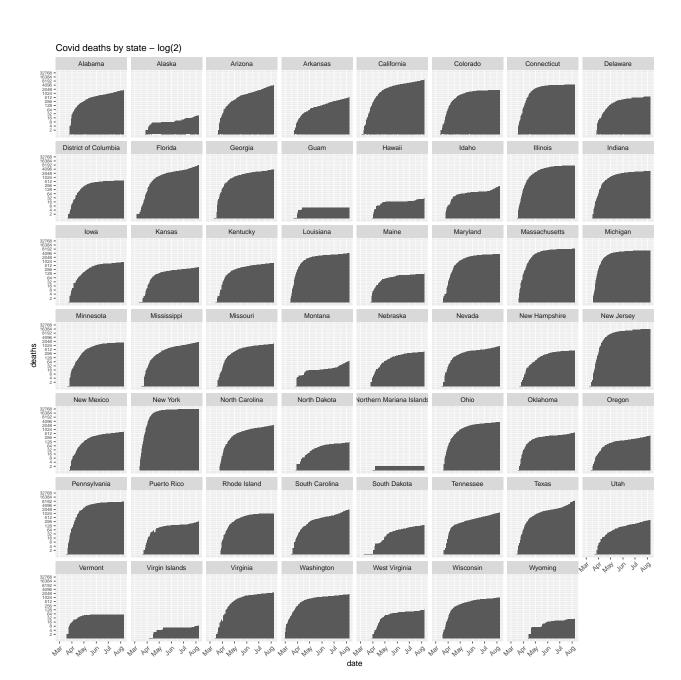
#### Covid cases by state - log(2)



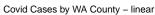
## US Data - Deaths

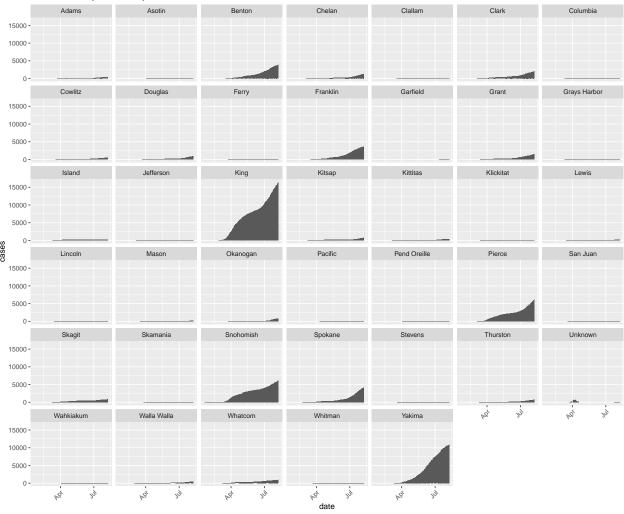




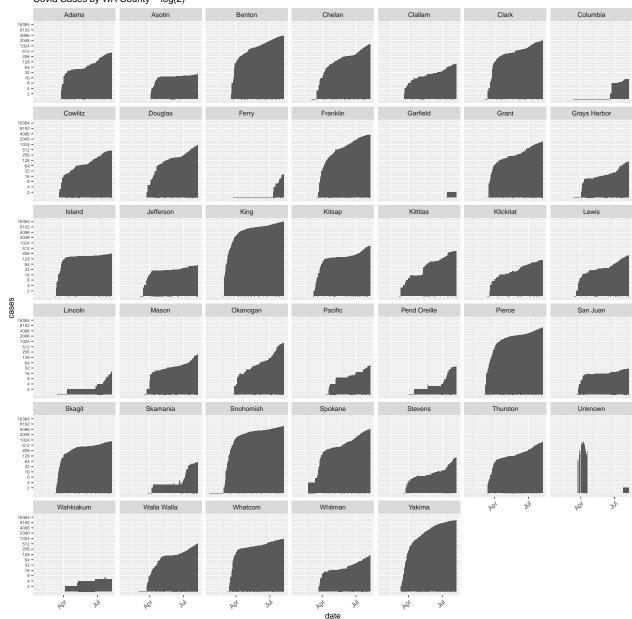


# Washington Counties - Cases



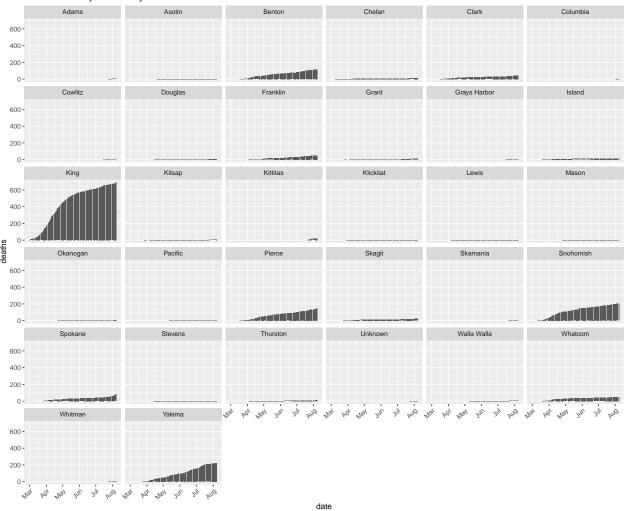


#### Covid Cases by WA County - log(2)

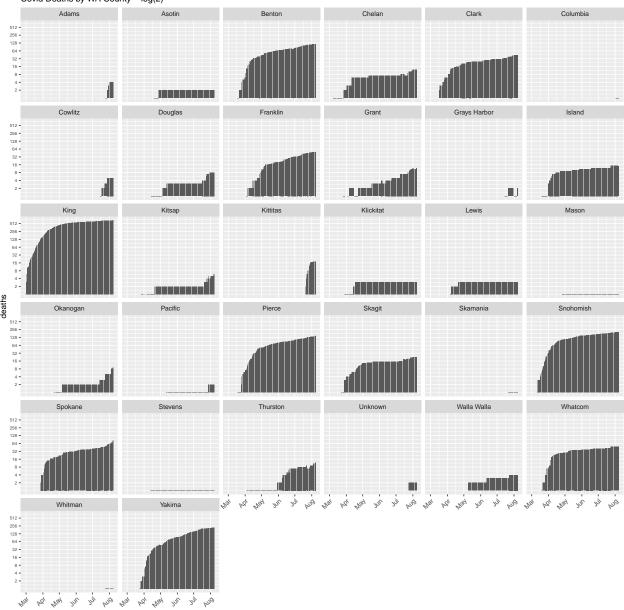


# Washington Counties - Deaths





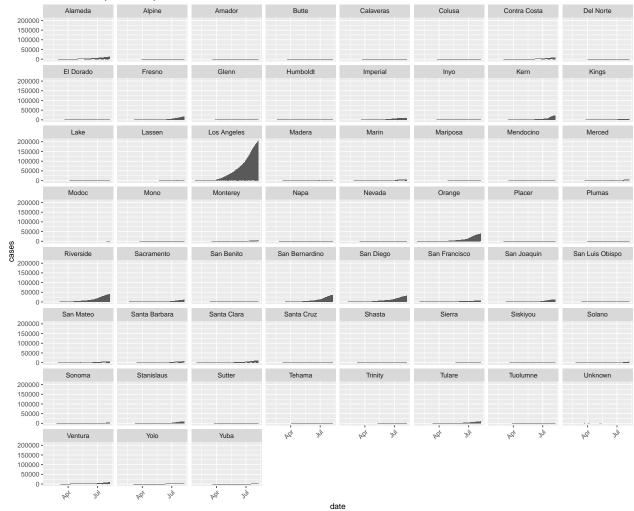




date

# California Counties - Cases

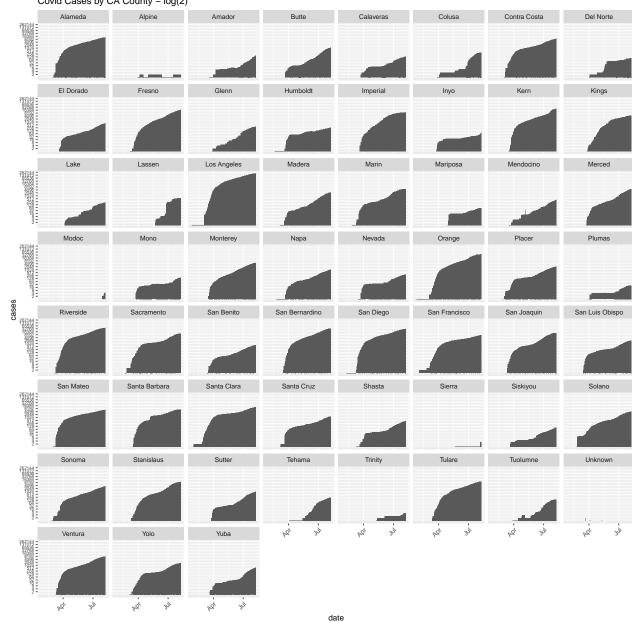




## Warning: Transformation introduced infinite values in continuous y-axis

## 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 Alameda Amador Butte Calaveras Colusa Contra Costa El Dorado Fresno 5000 **-**4000 **-**3000 -2000 -1000 -0 -Glenn Los Angeles Humboldt Imperial Kings Lake 5000 4000 -3000 -2000 -1000 -Madera Marin Mariposa Mendocino Merced Mono Monterey Napa 5000 -4000 -3000 -2000 -1000 -0 -Nevada Orange Placer Sacramento San Benito San Bernardino San Diego 5000 -4000 -4000 -2000 -1000 -0 -San Francisco San Joaquin San Luis Obispo San Mateo Santa Barbara Santa Clara Santa Cruz Shasta 5000 -4000 -3000 -2000 -1000 -0 -Solano Sonoma Stanislaus Sutter Tehama Tulare Tuolumne Unknown 5000 -4000 -3000 -2000 -1000 -They text they in . in they they they they in . in they they text they in . in they text they in . in they text they in . in they text 0 -5000 -4000 -3000 -2000 -1000 -

date

