# quick-analysis by state and WA county

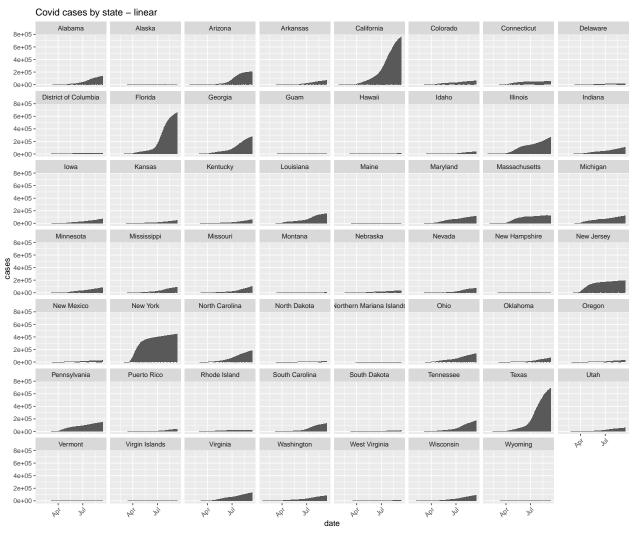
A quick visualization of the published NYT data on US Covid-19 cases by state. Source data may be found here: https://github.com/nytimes/covid-19-data

There are two types of graphs here currently:

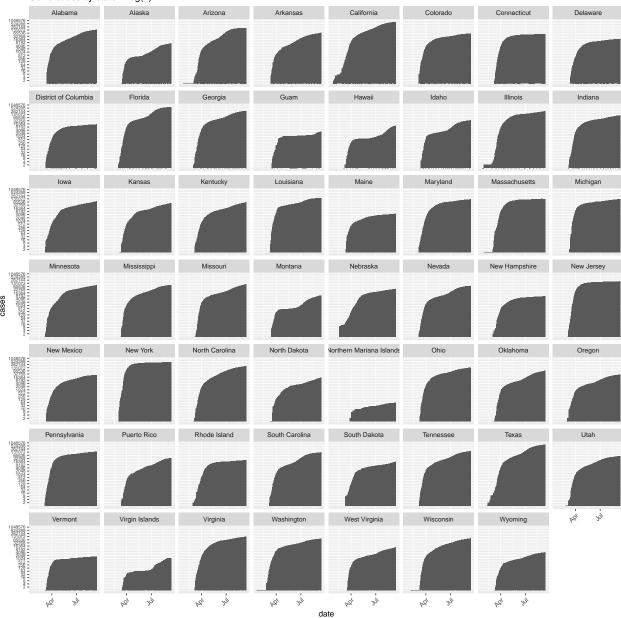
- Linear this is just an absolute count reported by date
- $\log(2)$  this is a  $\log(2)$  graph of count by date, intended to help display the doubling trend

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

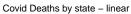
#### US Data - Cases

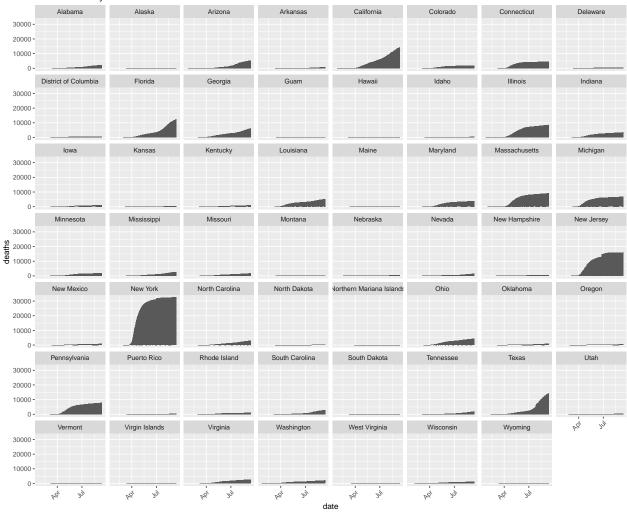


#### Covid cases by state - log(2)



## US Data - Deaths



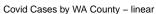


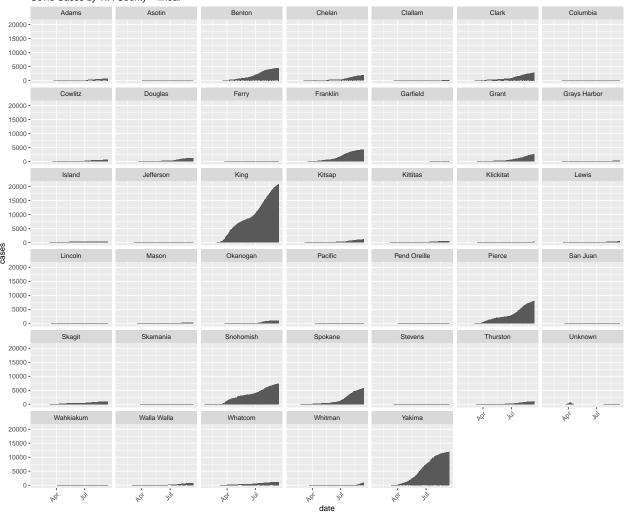
#### Covid deaths by state - log(2) California Alaska Arizona Arkansas Colorado Connecticut Delaware 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -District of Columbia Florida Georgia Guam Hawaii Idaho Illinois Michigan Kentucky Louisiana Maine Maryland Massachusetts 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -Mississippi Missouri Montana Nebraska New Hampshire New Jersey Minnesota Nevada 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -Oregon New York North Carolina North Dakota Northern Mariana Islands Ohio New Mexico Oklahoma 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -Pennsylvania Puerto Rico Rhode Island South Carolina South Dakota Tennessee Texas Utah 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -2 -PG Virginia Washington West Virginia Wisconsin Vermont Virgin Islands Wyoming 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -

PQ

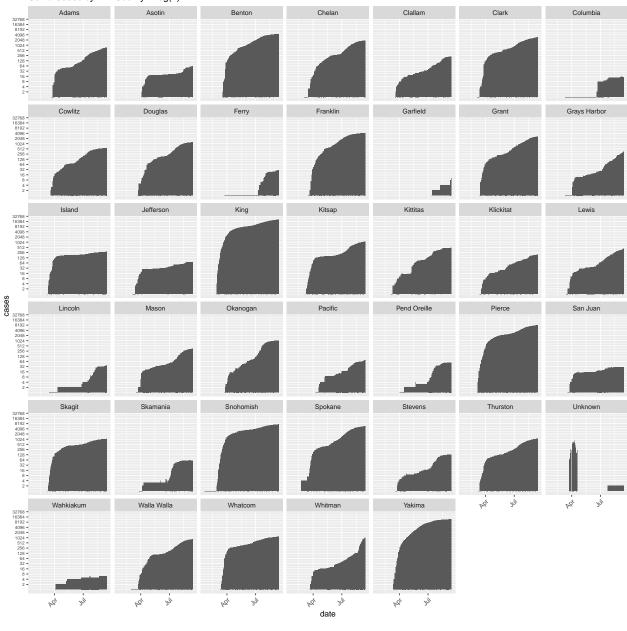
PQ

# Washington Counties - Cases





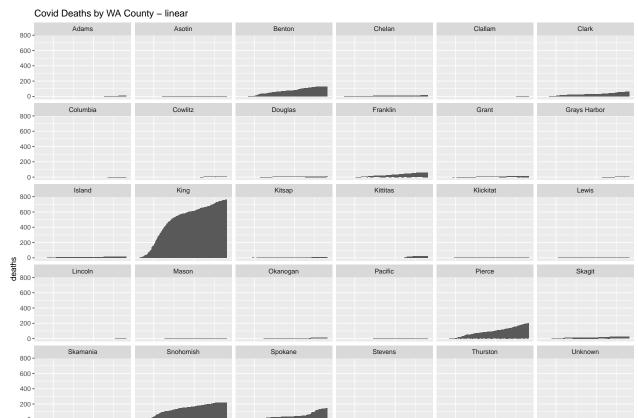
#### Covid Cases by WA County - log(2)



# Washington Counties - Deaths

Walla Walla

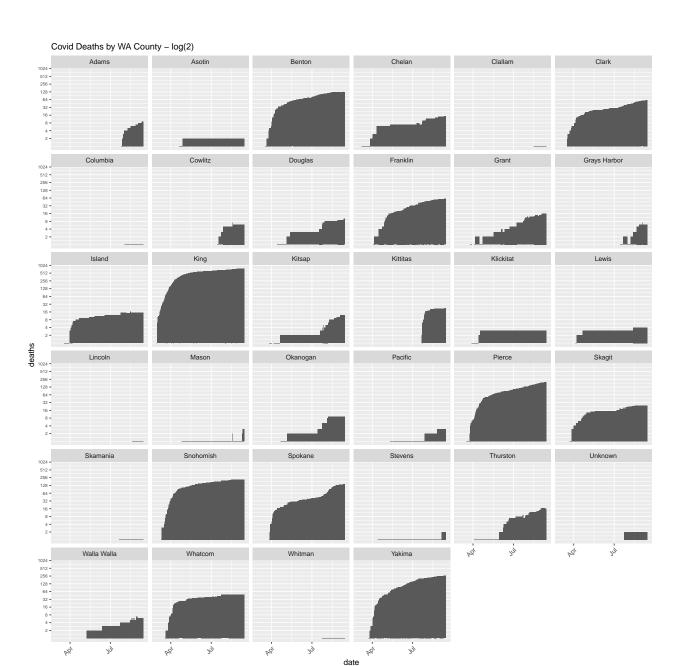
800 -600 -400 -200 -



Whitman

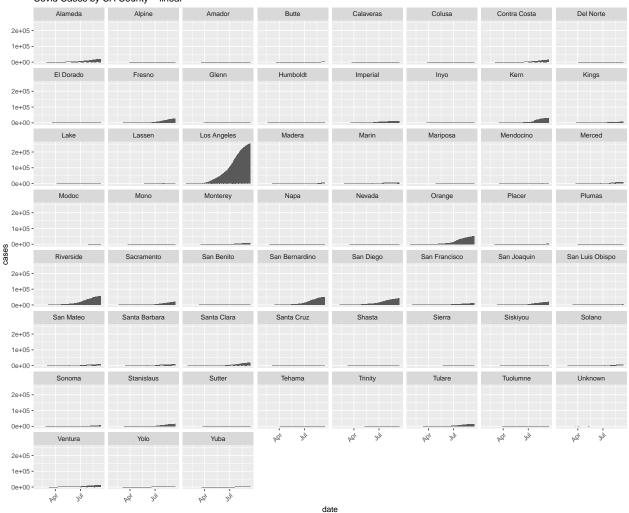
Yakima

date



## California Counties - Cases

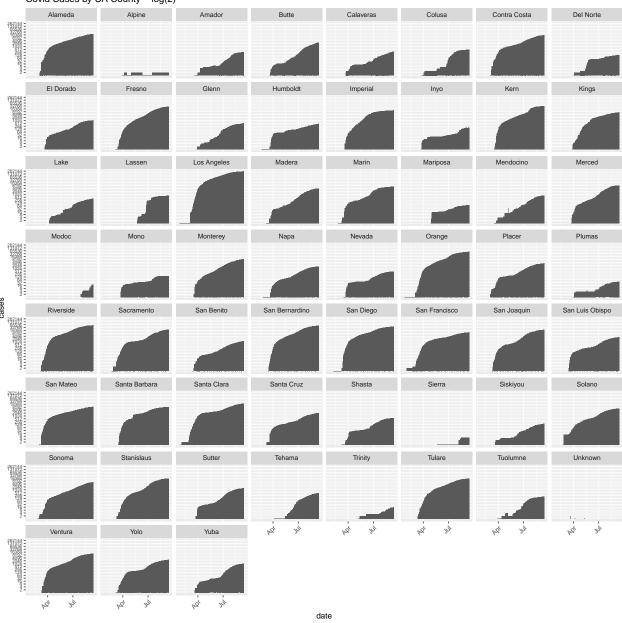




## Warning: Transformation introduced infinite values in continuous y-axis

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

# Covid Cases by CA County - log(2)



## California Counties - Deaths

2000 -

Covid Deaths by CA County - linear Butte Calaveras Colusa Contra Costa Del Norte El Dorado 6000 4000 -2000 -0 -Fresno Glenn Humboldt Imperial Kern Kings Lake 6000 -4000 -2000 -Los Angeles 6000 -4000 -2000 -0-San Benito San Bernardino Napa Nevada Orange Placer Sacramento 6000 g 4000 -2000 -0 -San Luis Obispo San Diego San Joaquin San Mateo 6000 -4000 -2000 -Sonoma Stanislaus Sutter Tehama Tulare Tuolumne 6000 -4000 -2000 -0 -Yuba 6000 -4000 -

date

