quick-analysis by state and WA county

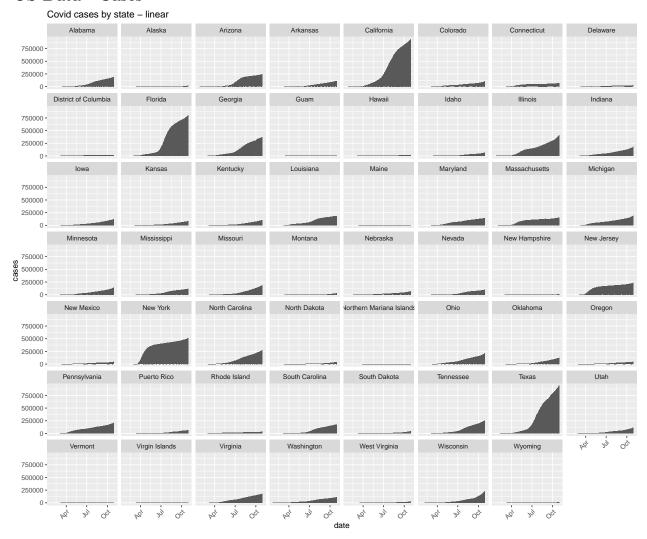
A quick visualization of the published NYT data on US Covid-19 cases by state. Source data may be found here: https://github.com/nytimes/covid-19-data

There are two types of graphs here currently:

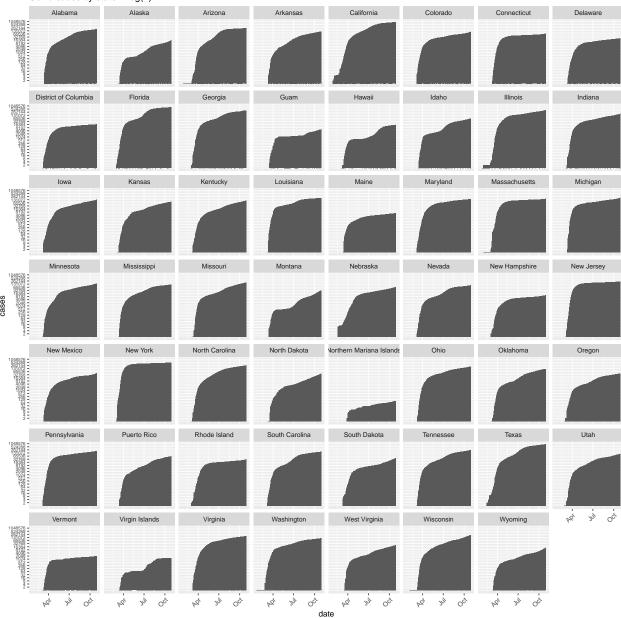
- Linear this is just an absolute count reported by date
- $\log(2)$ this is a $\log(2)$ graph of count by date, intended to help display the doubling trend

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

US Data - Cases

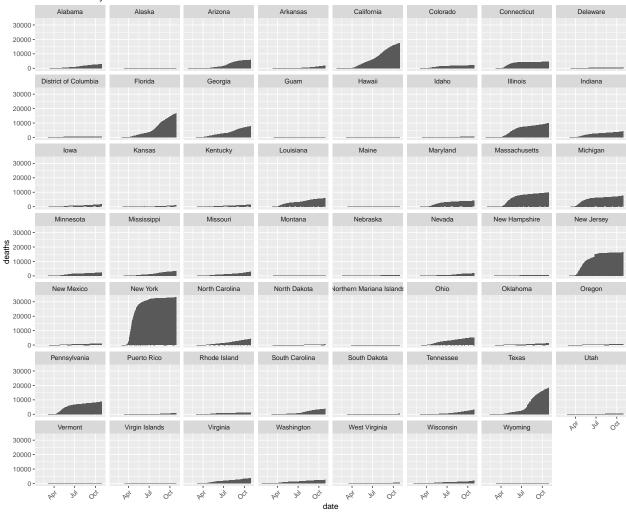


Covid cases by state - log(2)



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 -8 -4 -2 -District of Columbia Florida Illinois Georgia Guam Hawaii Idaho 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -8 -4 -2 -Louisiana Michigan Kentucky Maine Maryland Massachusetts 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -36 -4 -2 -Missouri Montana Nebraska New Hampshire New Jersey Minnesota Mississippi Nevada 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -New York North Carolina North Dakota Northern Mariana Islands Ohio Oregon New Mexico Oklahoma 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -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 -Jul Wisconsin Virginia Washington West Virginia Vermont Virgin Islands Wyoming 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -

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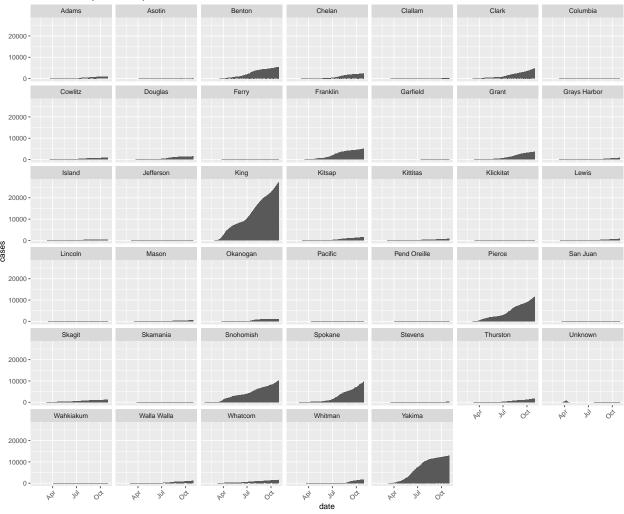
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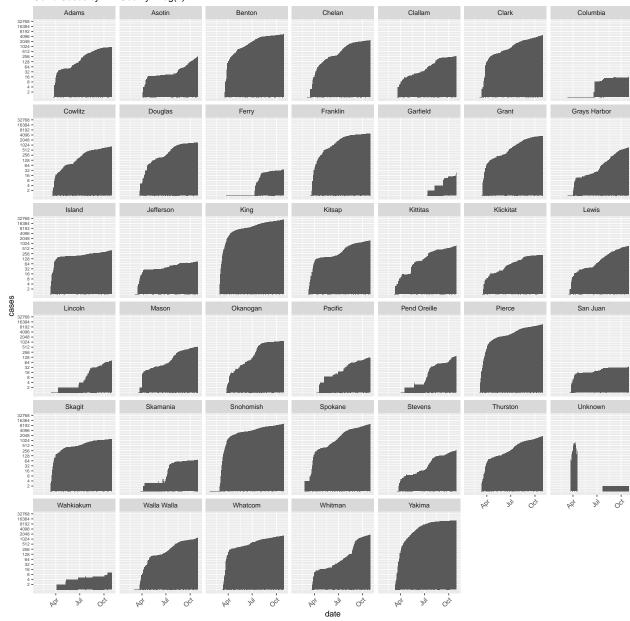
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Washington Counties - Cases

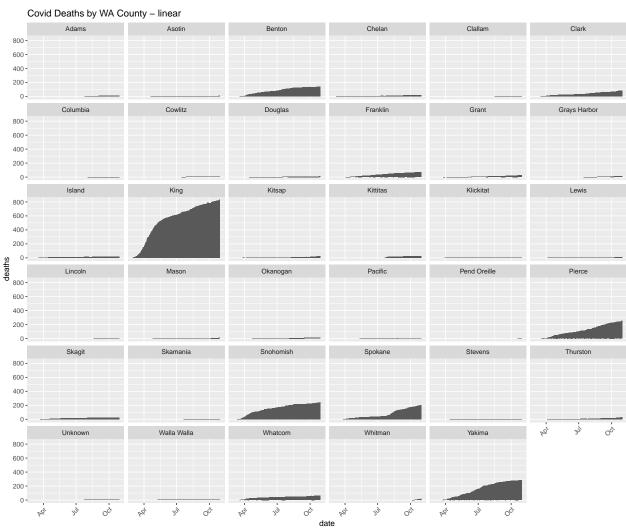




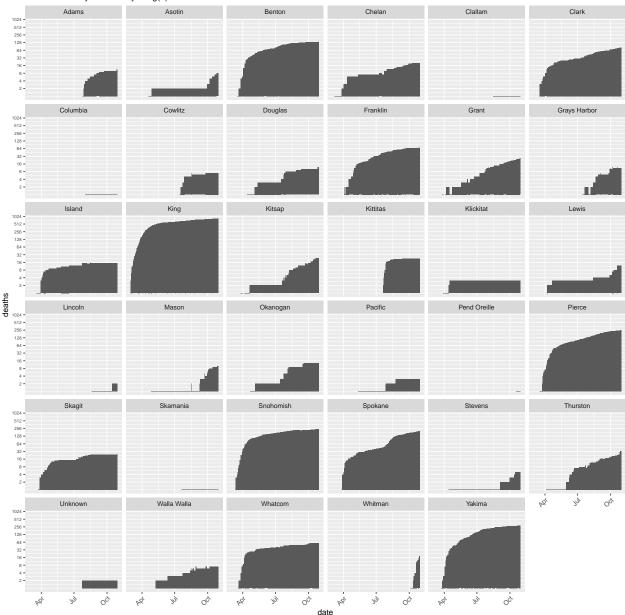
Covid Cases by WA County - log(2)



Washington Counties - Deaths

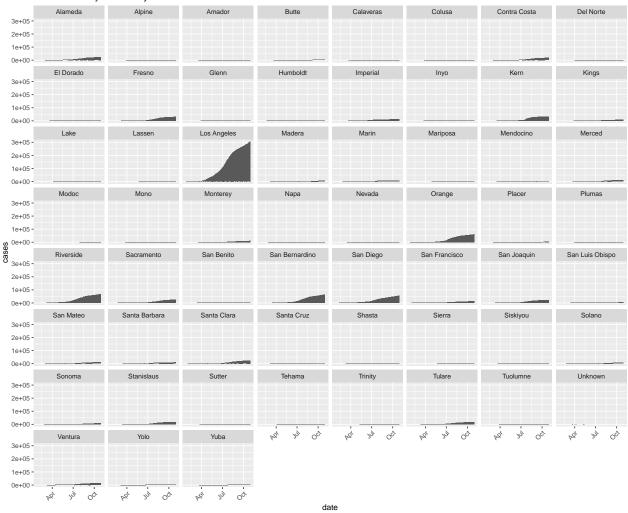


Covid Deaths by WA County - log(2)



California Counties - Cases

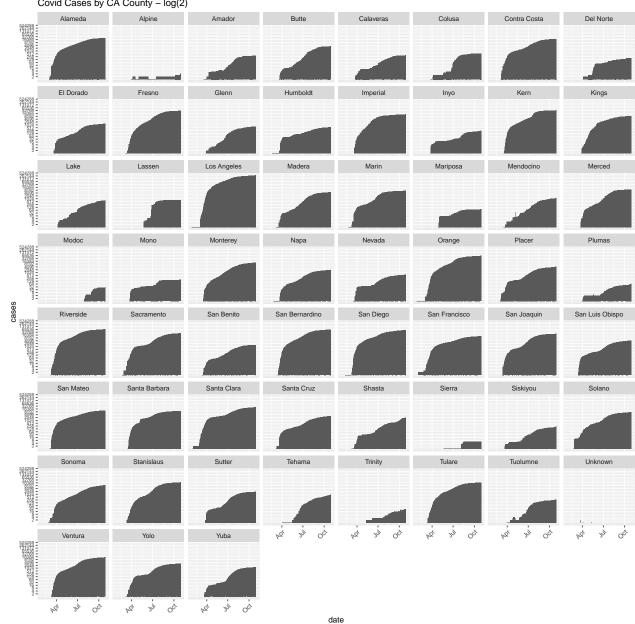




 $\hbox{\tt \#\# Warning: Transformation introduced infinite values in continuous y-axis}$

Warning: Removed 3 rows containing missing values (geom_col).

Covid Cases by CA County - log(2)



California Counties - Deaths

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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 6000 -4000 -2000 -0 -San Benito Monterey Napa Nevada Orange Placer Riverside Sacramento 6000 death 4000 - 2000 -0 -San Bernardino San Joaquin San Luis Obispo San Francisco Santa Barbara 6000 -4000 -2000 -Santa Cruz Shasta Solano Sonoma Stanislaus Sutter Tehama Tulare 6000 -4000 -2000 -0 -Tuolumne Unknown Ventura Yolo 6000 -4000 -2000 -

