quick-analysis by state and WA county

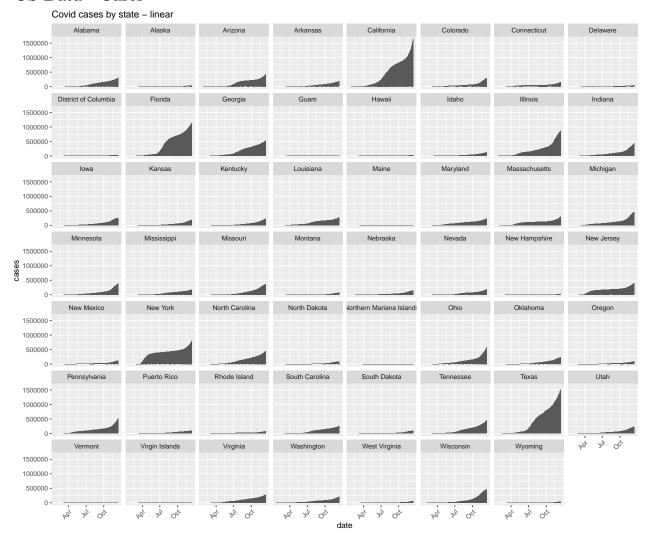
A quick visualization of the published NYT data on US Covid-19 cases by state. Source data may be found here: https://github.com/nytimes/covid-19-data

There are two types of graphs here currently:

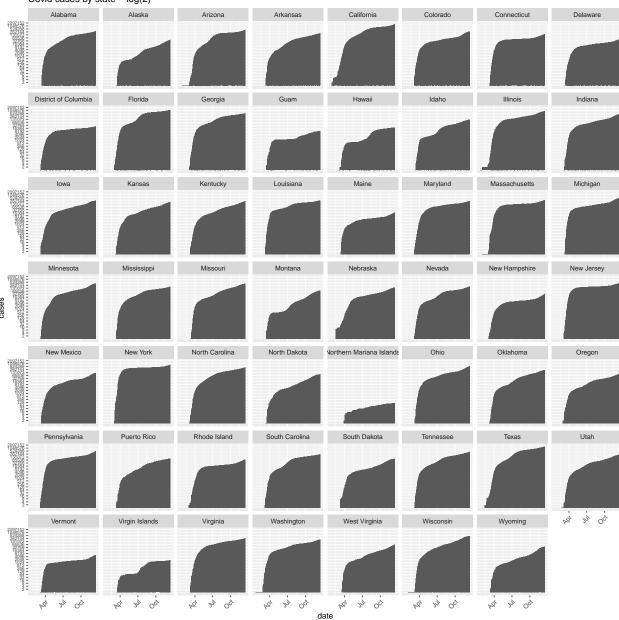
- Linear this is just an absolute count reported by date
- log(2) this is a log(2) graph of count by date, intended to help display the doubling trend

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

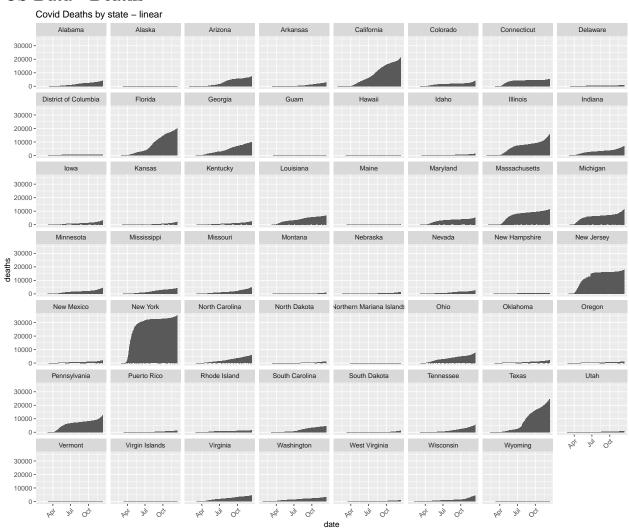
US Data - Cases



Covid cases by state - log(2)



US Data - Deaths



Covid deaths by state - log(2) Arizona Arkansas California Colorado Connecticut Delaware 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -Florida District of Columbia Illinois Georgia Guam Hawaii Idaho 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -2 -Michigan Kentucky Louisiana Maine Maryland Massachusetts 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -Minnesota Missouri Montana Nebraska New Hampshire New Jersey Mississippi Nevada 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 -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 -8 -4 -2 m oct POI Washington West Virginia Vermont Virgin Islands Virginia Wisconsin Wyoming 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -36 -4 -2 -

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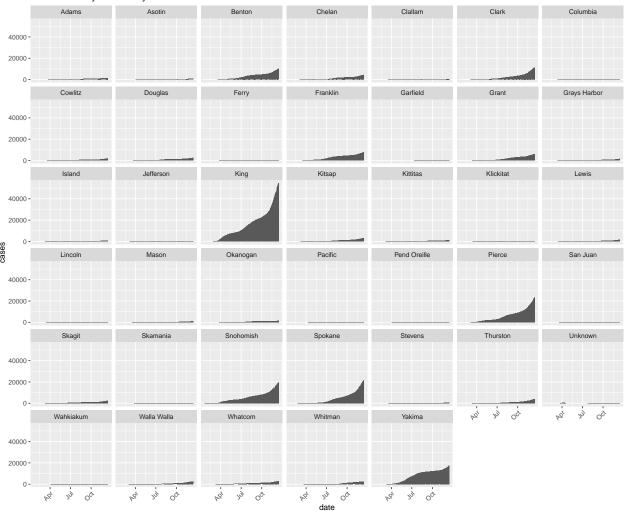
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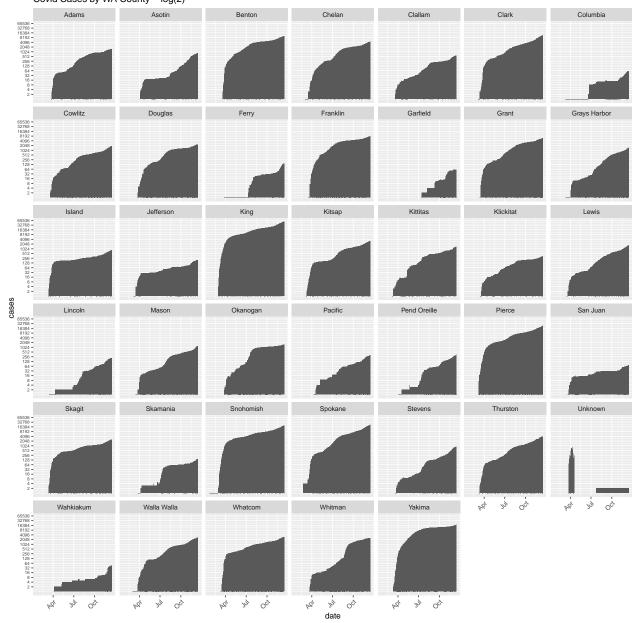
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Washington Counties - Cases

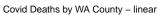


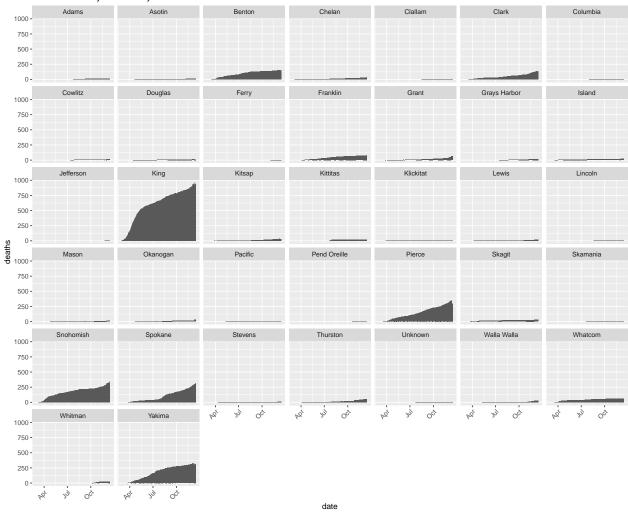


Covid Cases by WA County - log(2)

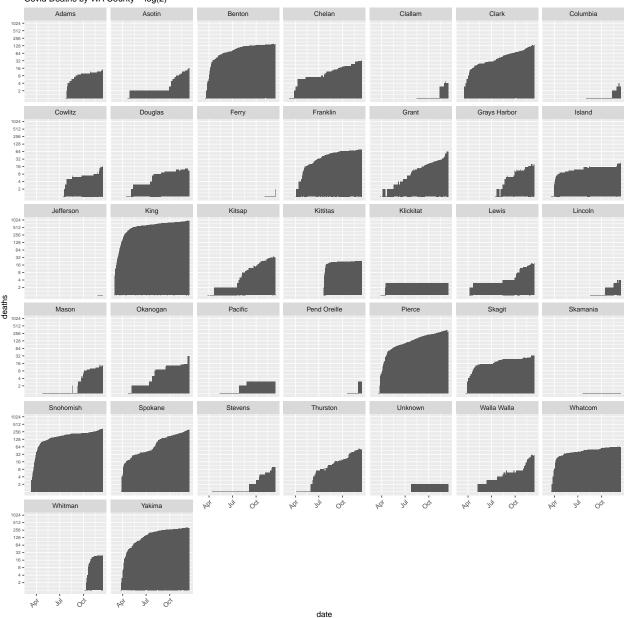


Washington Counties - Deaths

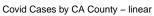


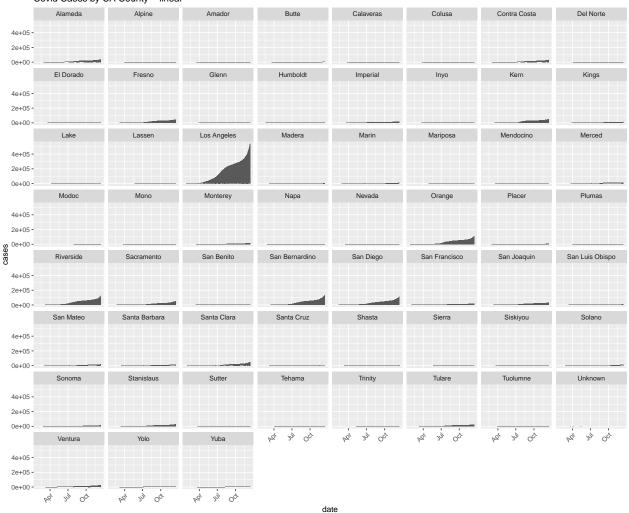


Covid Deaths by WA County - log(2)



California Counties - Cases

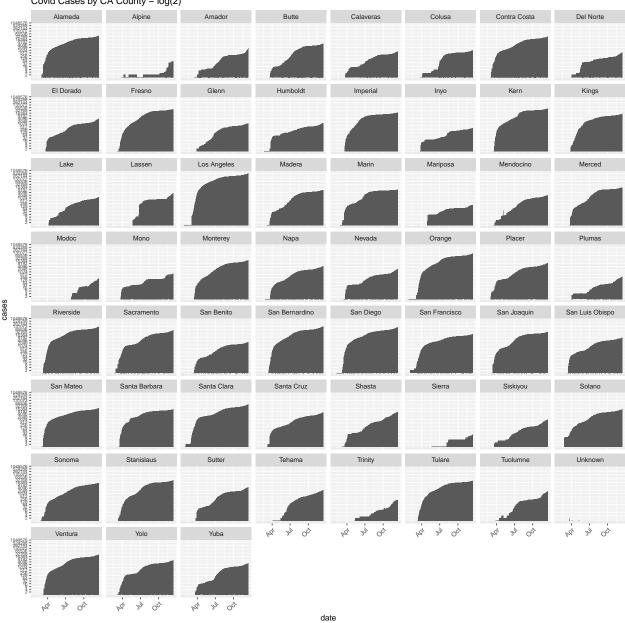




Warning: Transformation introduced infinite values in continuous y-axis

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 Calaveras Alameda Amador Butte Colusa Contra Costa Del Norte El Dorado 8000 -6000 -4000 -2000 -0 -Fresno Glenn Humboldt Imperial Kings Lake Inyo 8000 -6000 -4000 -2000 -0 -Lassen Los Angeles Madera 8000 -6000 -4000 -2000 -0 -San Benito Monterey Napa Nevada Orange Placer Riverside Sacramento 8000 death 4000 - 2000 -0 -San Joaquin San Luis Obispo San Bernardino San Diego San Francisco Santa Barbara 8000 -6000 -4000 -2000 -Santa Cruz Shasta Siskiyou Solano Sonoma Stanislaus Sutter Tehama 8000 -6000 -4000 -2000 -0 -Tuolumne Unknown Trinity Tulare Yolo Yuba Ventura 8000 -6000 -4000 -2000 -0 -

