quick-analysis by state and WA county

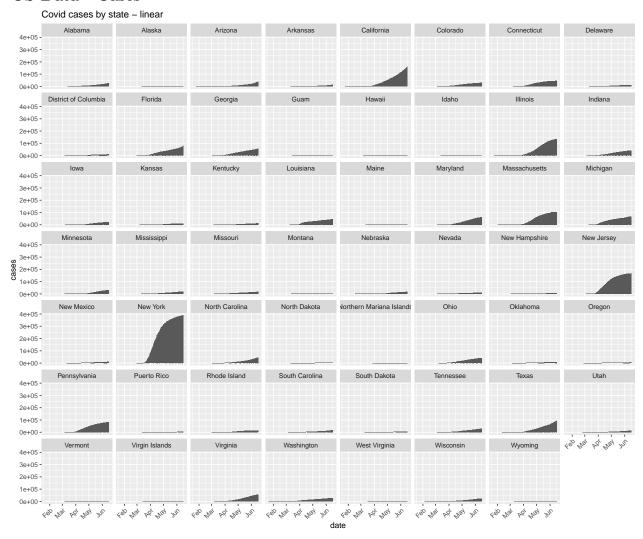
A quick visualization of the published NYT data on US Covid-19 cases by state. Source data may be found here: https://github.com/nytimes/covid-19-data

There are two types of graphs here currently:

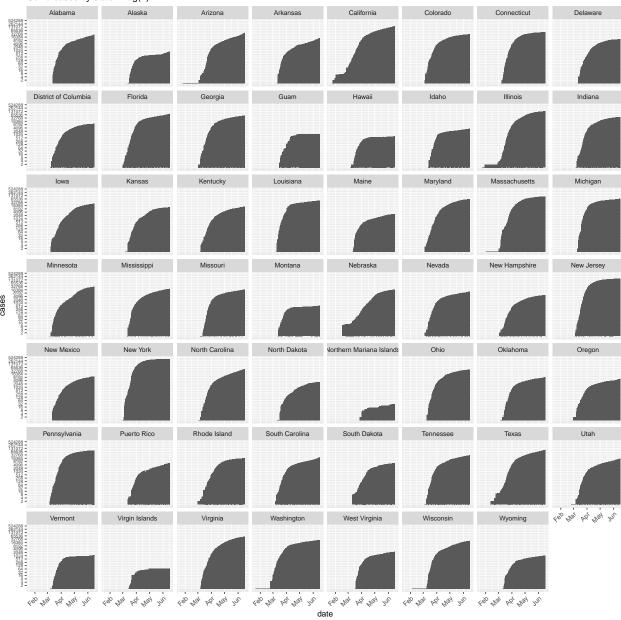
- Linear this is just an absolute count reported by date
- $\log(2)$ this is a $\log(2)$ graph of count by date, intended to help display the doubling trend

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

US Data - Cases

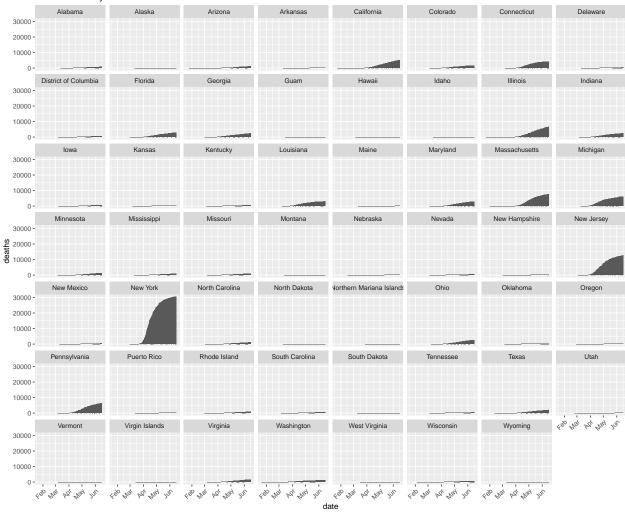


Covid cases by state - log(2)



US Data - Deaths



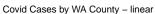


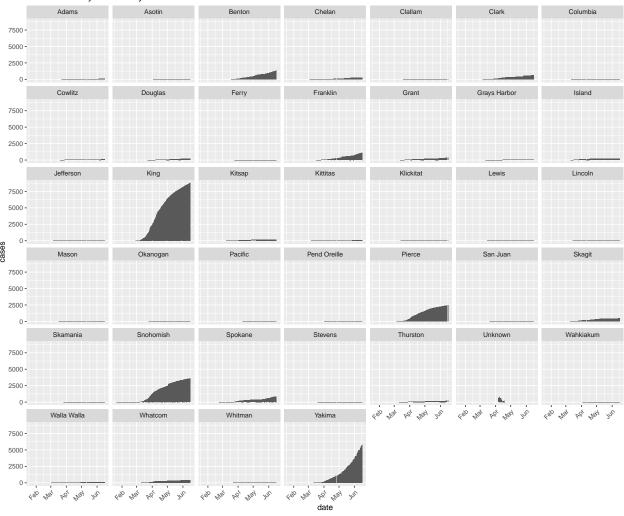
Covid deaths by state - log(2) Alaska Arizona Arkansas California Colorado Connecticut Delaware 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -District of Columbia Florida Georgia Guam Idaho Illinois 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -8 -4 -2 -Maryland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

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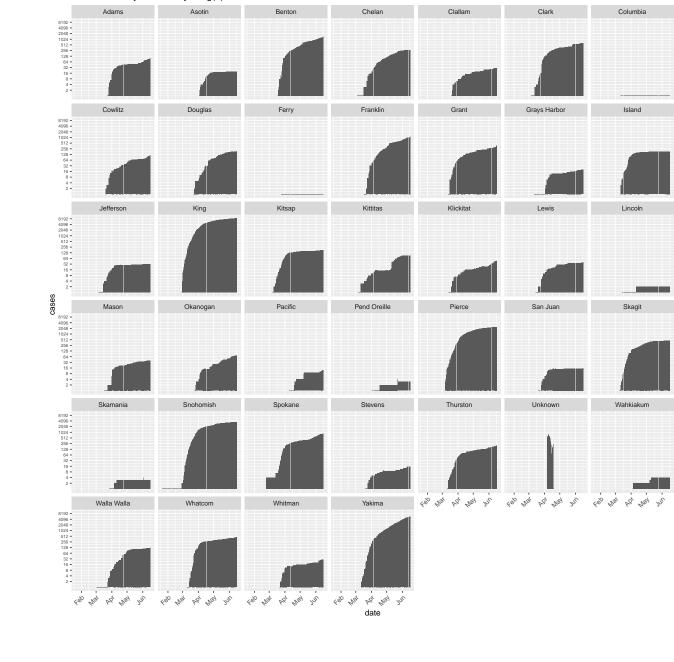
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Washington Counties - Cases

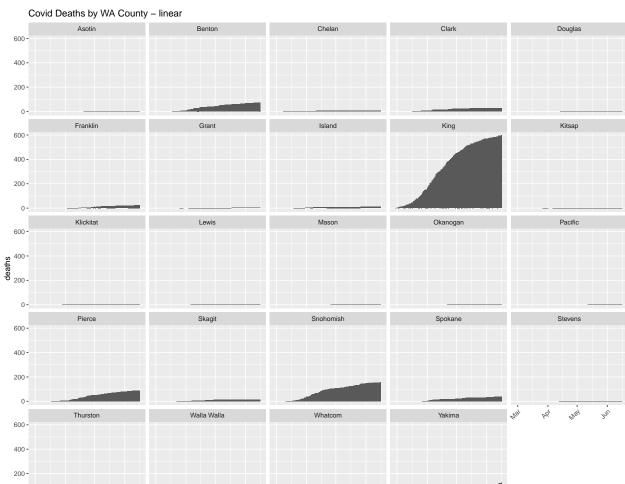




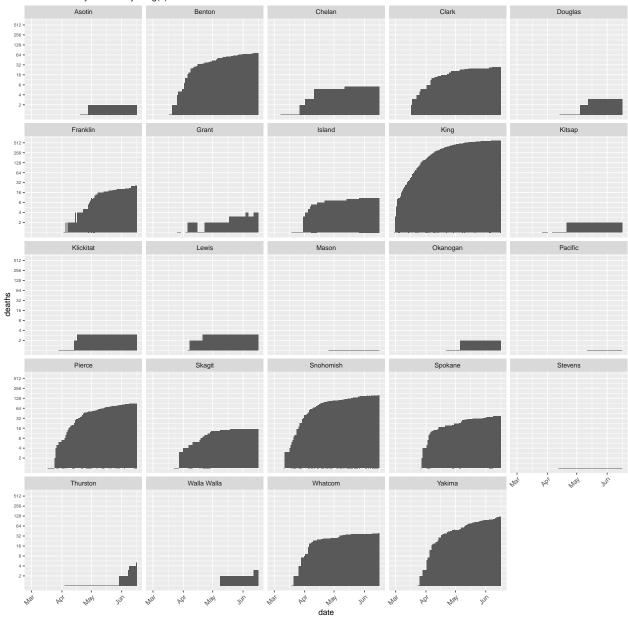
Covid Cases by WA County - log(2)



Washington Counties - Deaths

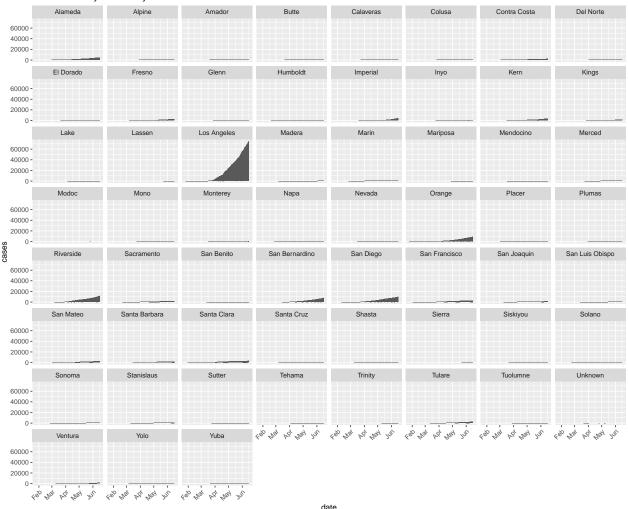


Covid Deaths by WA County - log(2)



California Counties - Cases

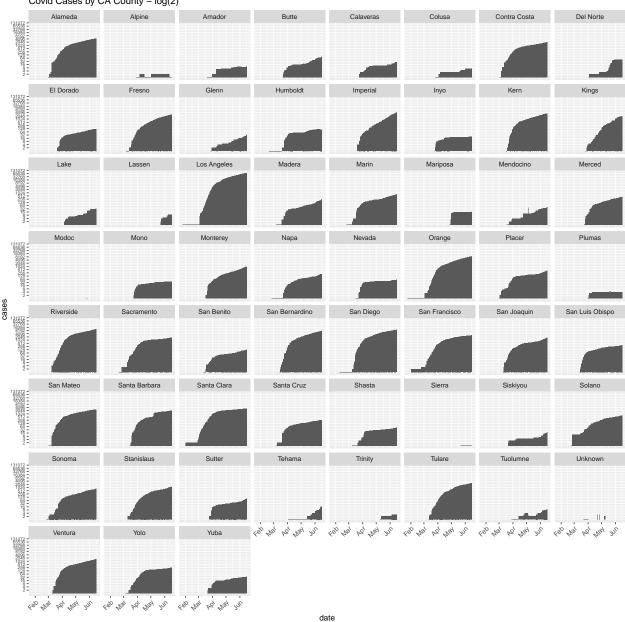
Covid Cases by CA County - linear



Warning: Transformation introduced infinite values in continuous y-axis

Warning: Removed 1 rows containing missing values (geom_col).

Covid Cases by CA County - log(2)



California Counties - Deaths

