quick-analysis by state and WA county

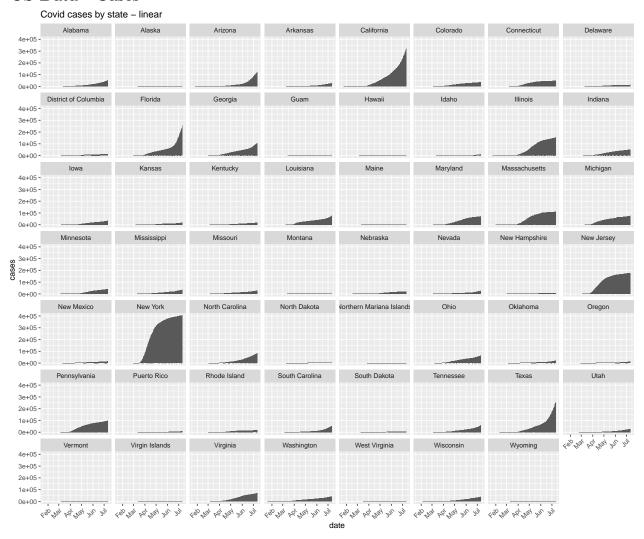
A quick visualization of the published NYT data on US Covid-19 cases by state. Source data may be found here: https://github.com/nytimes/covid-19-data

There are two types of graphs here currently:

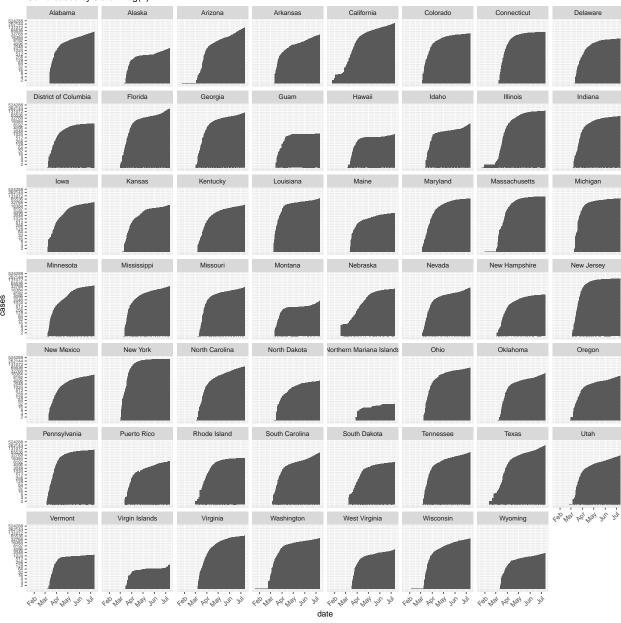
- Linear this is just an absolute count reported by date
- $\log(2)$ this is a $\log(2)$ graph of count by date, intended to help display the doubling trend

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

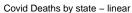
US Data - Cases

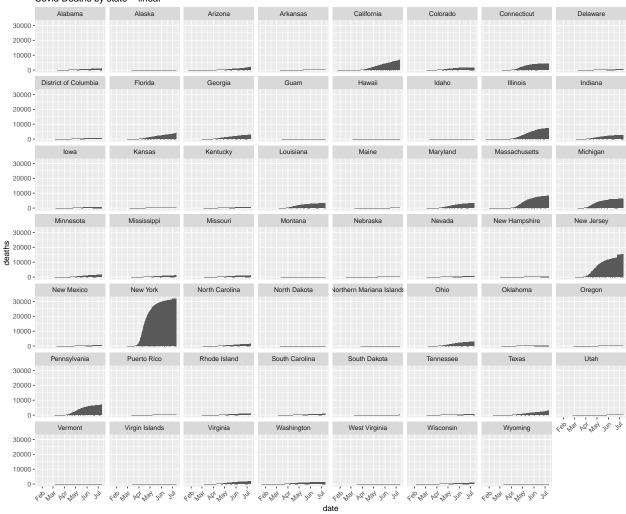


Covid cases by state - log(2)



US Data - Deaths





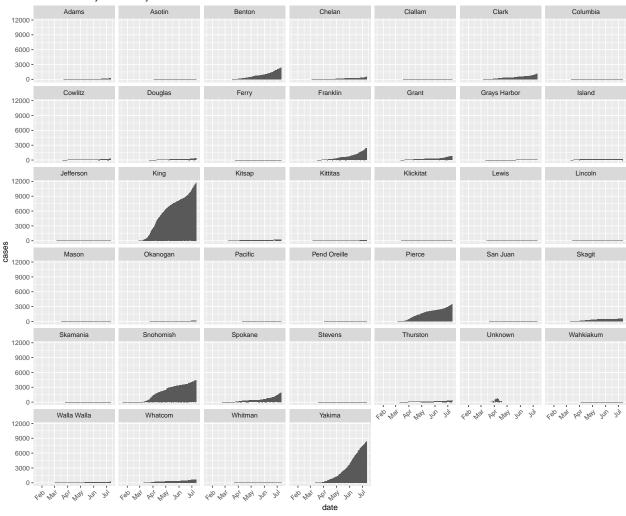
Covid deaths by state - log(2) Alabama Alaska Arizona Arkansas California Colorado Connecticut Delaware 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -2 -District of Columbia Florida Georgia Guam Hawaii Idaho Illinois 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -Michigan Kansas Kentucky Louisiana Maine Maryland Massachusetts 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -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 -Oregon New Mexico New York North Carolina North Dakota Northern Mariana Islands Ohio 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 32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -Wyoming her her her him in Vermont Virgin Islands Virginia Washington West Virginia Wisconsin 32768 -16384 -8192 -4096 -2048 -1512 -256 -128 -4 -32 -4 -2 -

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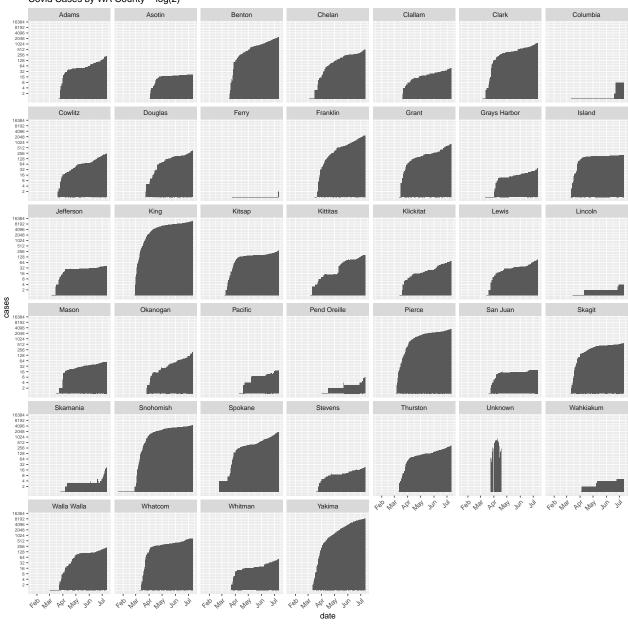
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Washington Counties - Cases

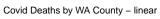


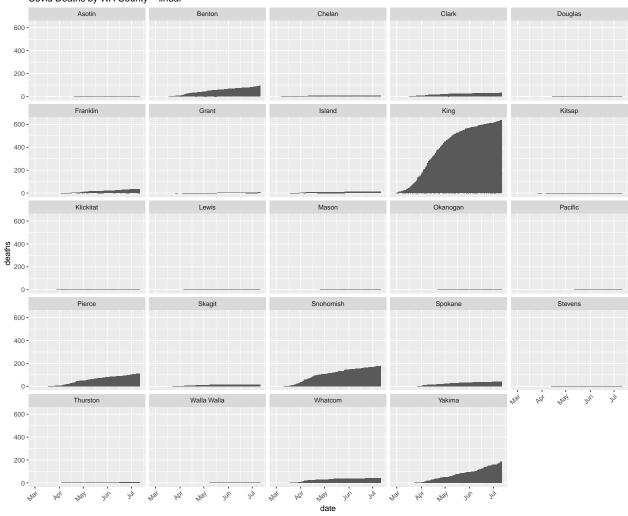


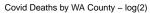
Covid Cases by WA County - log(2)

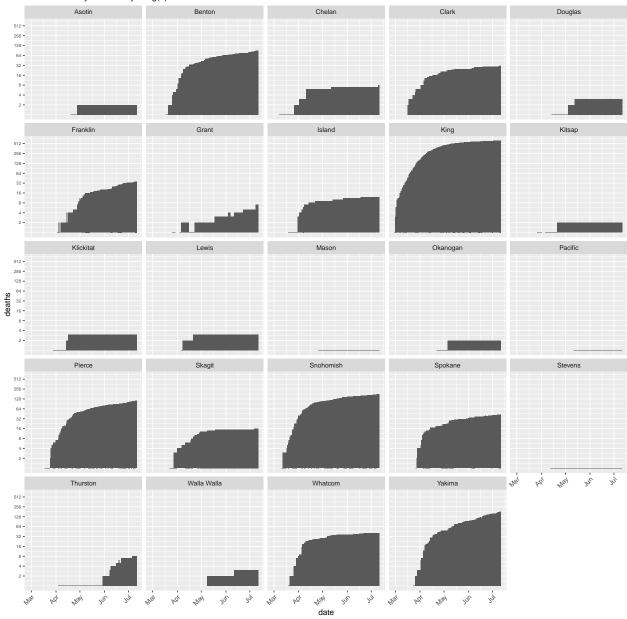


Washington Counties - Deaths



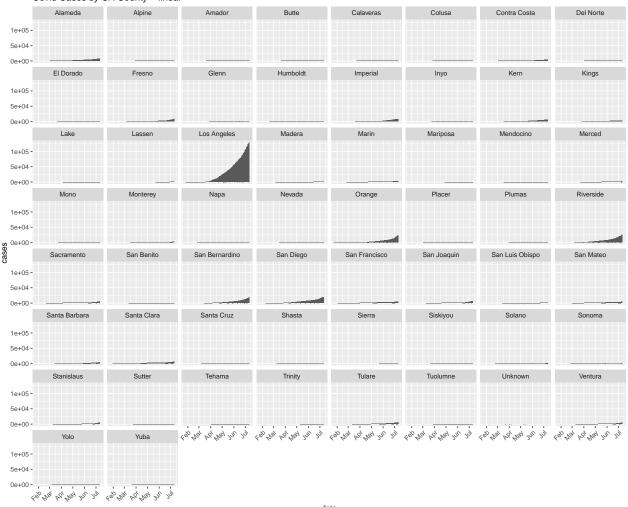






California Counties - Cases

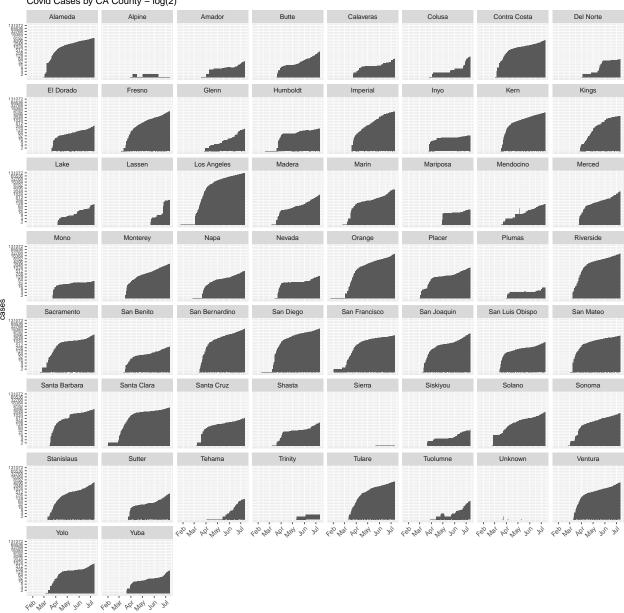
Covid Cases by CA County - linear



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)



date

California Counties - Deaths



