# quick-analysis by state and WA county

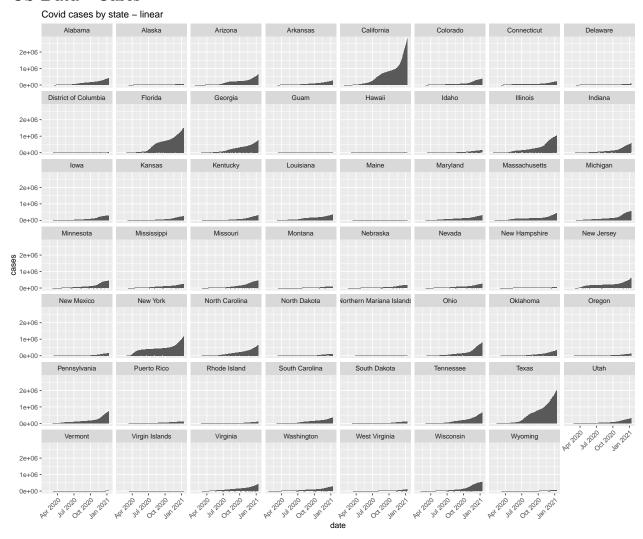
A quick visualization of the published NYT data on US Covid-19 cases by state. Source data may be found here: https://github.com/nytimes/covid-19-data

There are two types of graphs here currently:

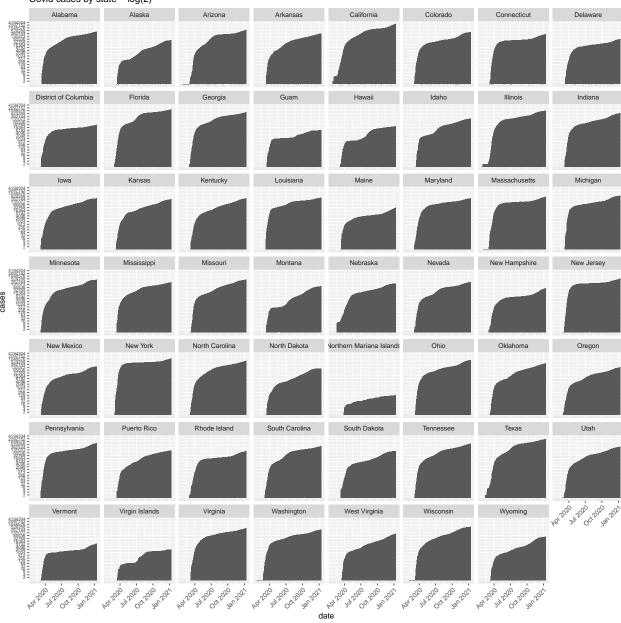
- Linear this is just an absolute count reported by date
- log(2) this is a log(2) graph of count by date, intended to help display the doubling trend

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

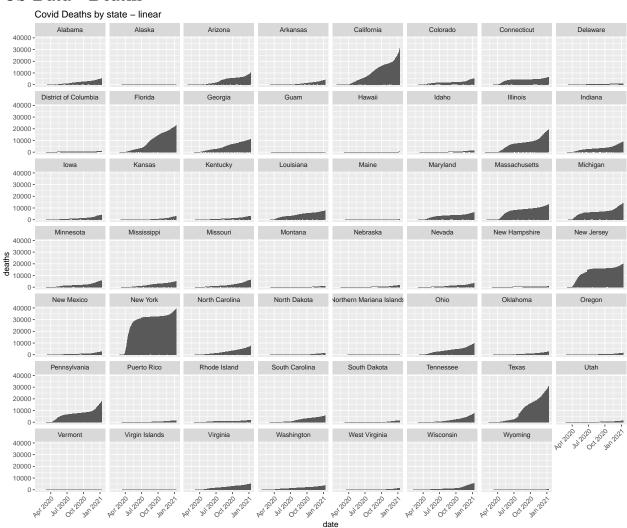
## US Data - Cases



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



## US Data - Deaths



#### Covid deaths by state - log(2) Arizona Arkansas California Colorado Connecticut Delaware Florida Illinois District of Columbia Georgia Guam Hawaii Idaho 65536 -32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -Michigan Kentucky Louisiana Maine Maryland Massachusetts 65536 -32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -Missouri Montana New Hampshire New Jersey Minnesota Mississippi Nebraska Nevada deaths North Carolina North Dakota Northern Mariana Islands Ohio Oregon New Mexico New York Oklahoma Pennsylvania Puerto Rico Rhode Island South Carolina South Dakota Tennessee Texas Utah m og m Vermont Virgin Islands Washington West Virginia Wisconsin POL Virginia Wyoming 65536 -32768 -16384 -8192 -4096 -2048 -1024 -512 -256 -128 -64 -32 -16 -8 -4 -2 -

API

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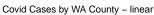
711 Oct

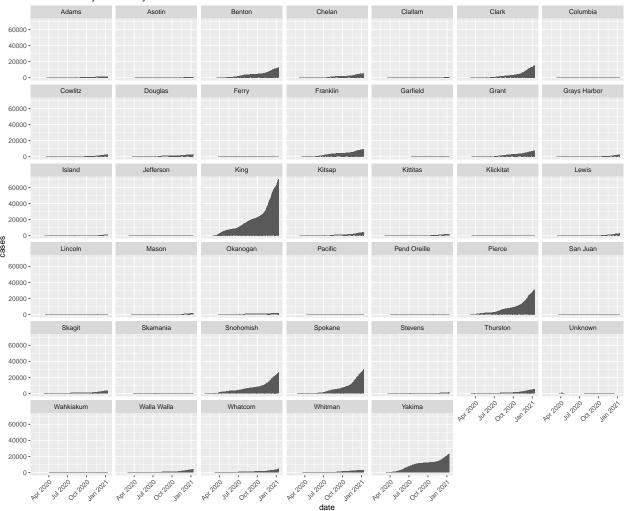
Oct

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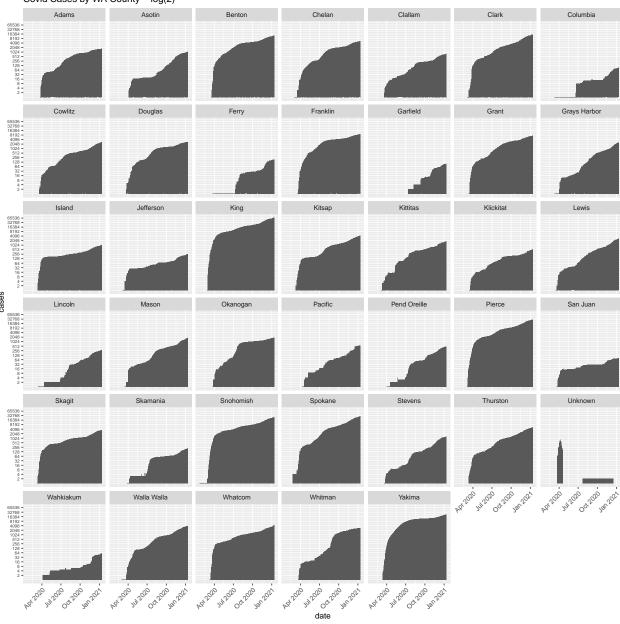
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## Washington Counties - Cases



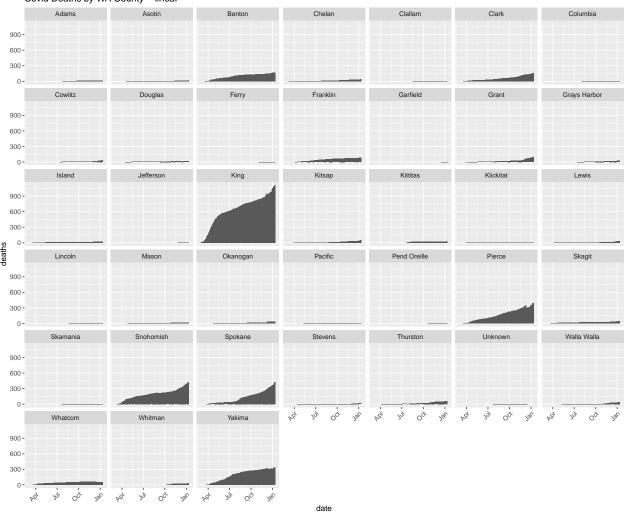


#### Covid Cases by WA County - log(2)

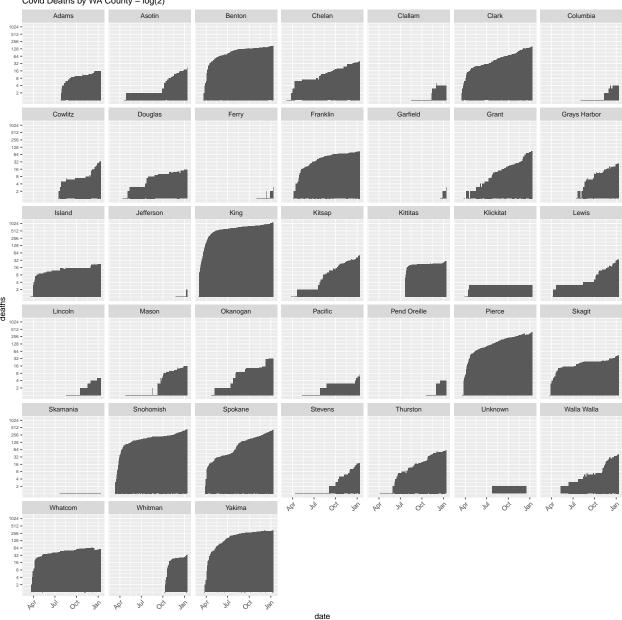


# Washington Counties - Deaths



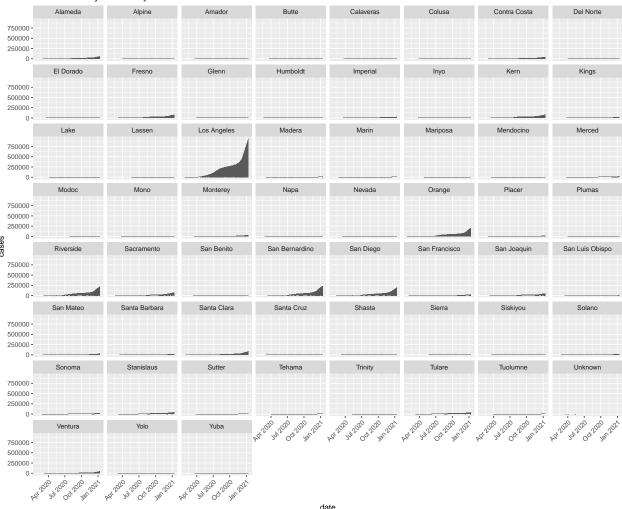


#### Covid Deaths by WA County - log(2)



### California Counties - Cases

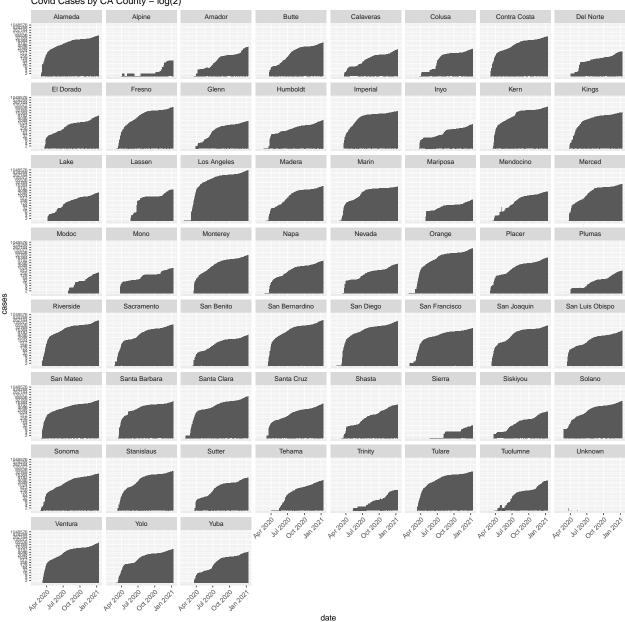




## Warning: Transformation introduced infinite values in continuous y-axis

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

## Covid Cases by CA County – log(2)



### California Counties - Deaths



