

More

Corona Virus Science

This blog explains some of the science related to the corona virus (COVID-19) € perspective. Most posts contain links to the underlying research.

COVID-19 Model Projections

This page contains graphs with the latest COVID-19 projections for the US from the "Data Trend Model". Previous predictions can be downloaded from Github.

Last model run

June 17, 2020 with Johns Hopkins Data from 6/16/2020.

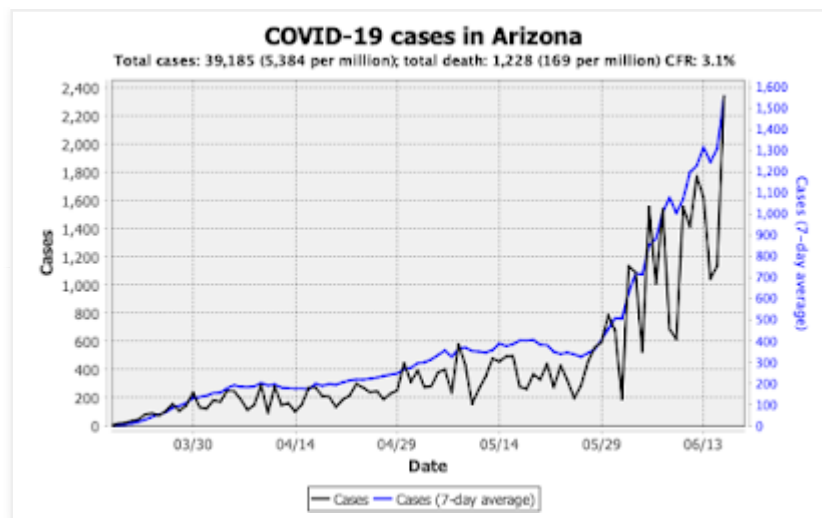
- **Predicted daily deaths on 8/15/2020: 1,078** (yesterday: 1,033; ~ 65,000 per 2 months)
- **Predicted daily cases on 8/15/2020: 26,118** (yesterday: 24,917)
- **Total deaths predicted by 8/15/2020: 182,462** (yesterday: 179,565 until 8/14)
- **Excluding New York & New Jersey: 136,481** (yesterday: 133,657 until 8/14)

Summary

Today's numbers a higher than yesterday. New records were reported by many states:

- New records for daily cases *and* 7-day averages:
Arizona, Florida, Nevada, Oklahoma, Oregon, and Texas
- New records for 7-day averages:
Alabama, California, North Carolina, and South Carolina

Of these states, Arizona is particularly troubling, with almost 5-fold growth in daily cases over the last 3 weeks:

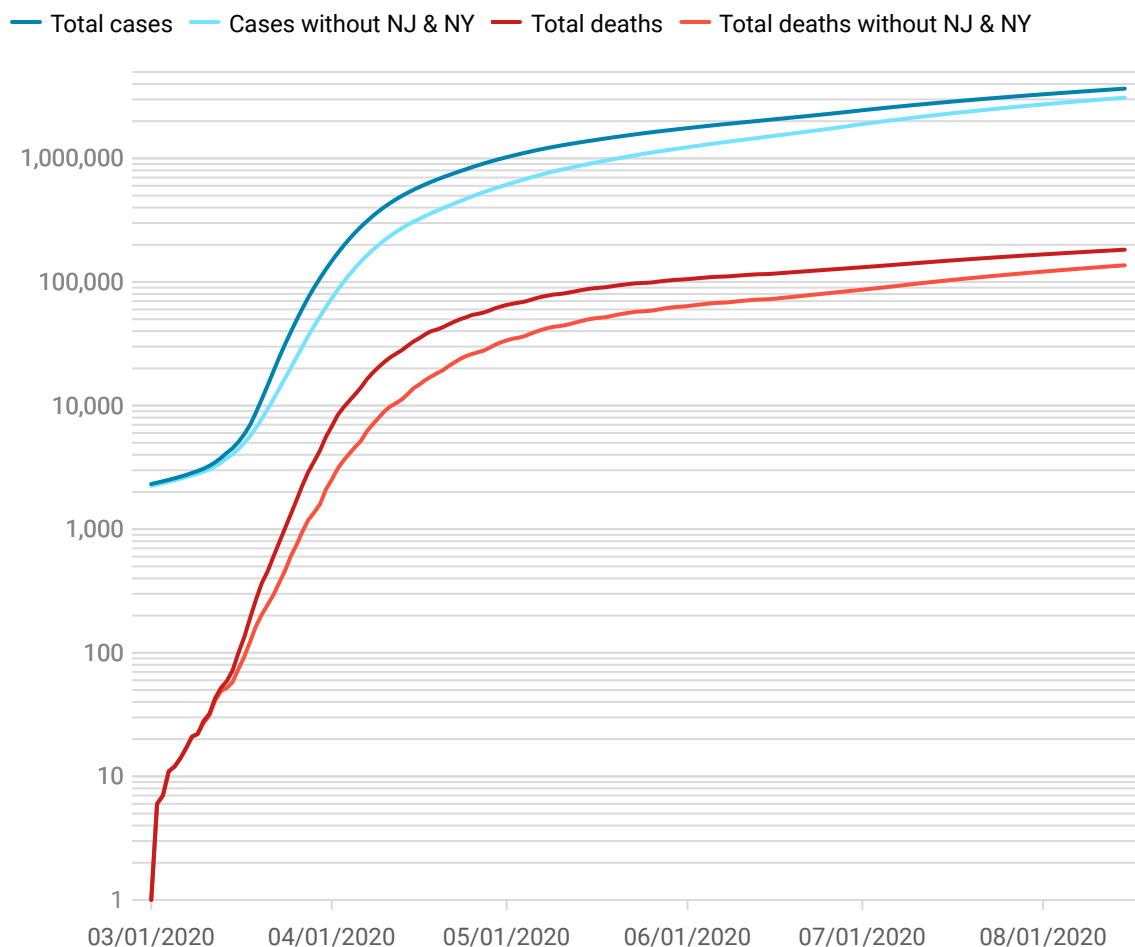


A number of restaurants in Phoenix, Arizona, have reported COVID-19 exposures from infected employees or guests and closed temporarily. Apparently, both the reports and the temporary closures are voluntary. The former Arizona Health Director Will Humble has called for governor Ducey to require masks in indoor spaces, which Ducey has refused to do. Ducey followed the example of other Republican governors who claimed that increased testing was responsible for the recent rise in cases, which has been shown to be false. As an article on azcentral states:

"By his strained reasoning, a 25% in testing over two weeks has resulted in a 76% increase in confirmed coronavirus cases."

Total projected COVID-19 cases and deaths

Future growth in cases per day limited to 14 days.

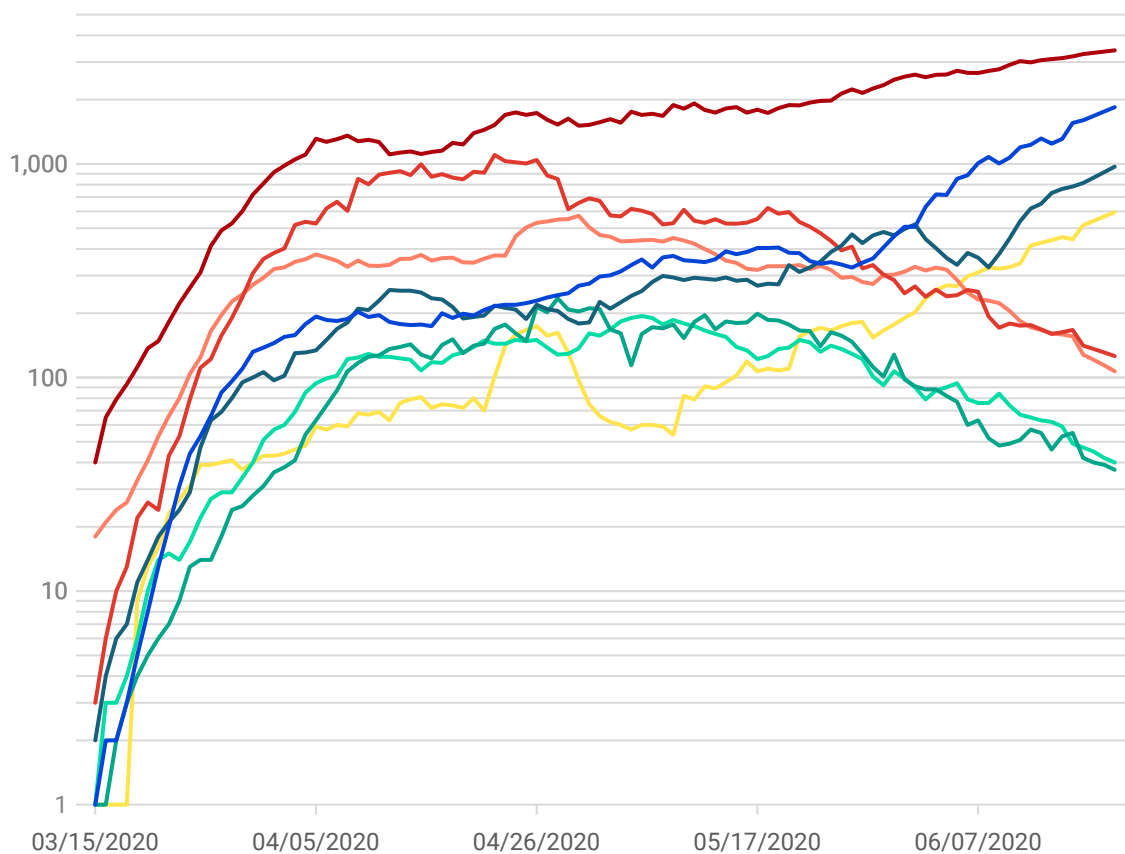


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

Chart: covid19science.blogspot.com • [Get the data](#) • Created with [Datawrapper](#)

Actual and projected daily COVID-19 cases by state (AL-DC)

Alabama Arizona Arkansas California Colorado Connecticut Delaware
District of Columbia

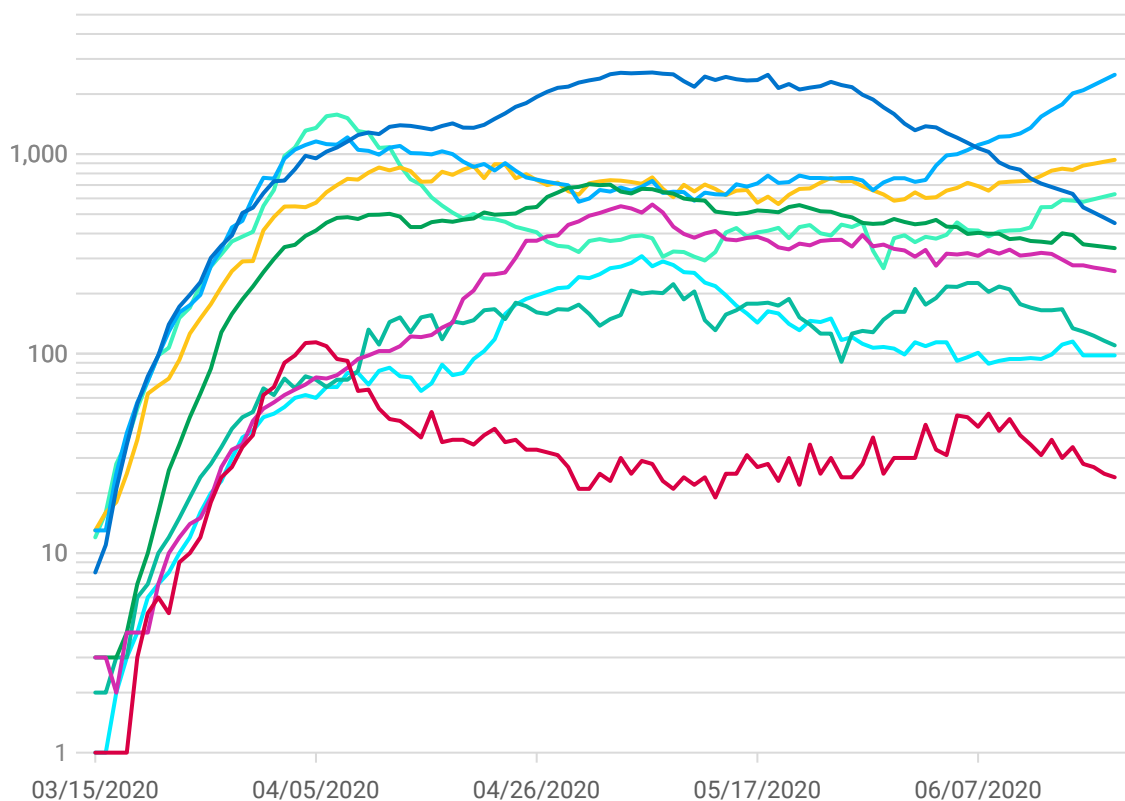


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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Actual and projected daily COVID-19 cases by state (FL-LA)

Florida Georgia Idaho Illinois Indiana Iowa Kansas Kentucky
Louisiana

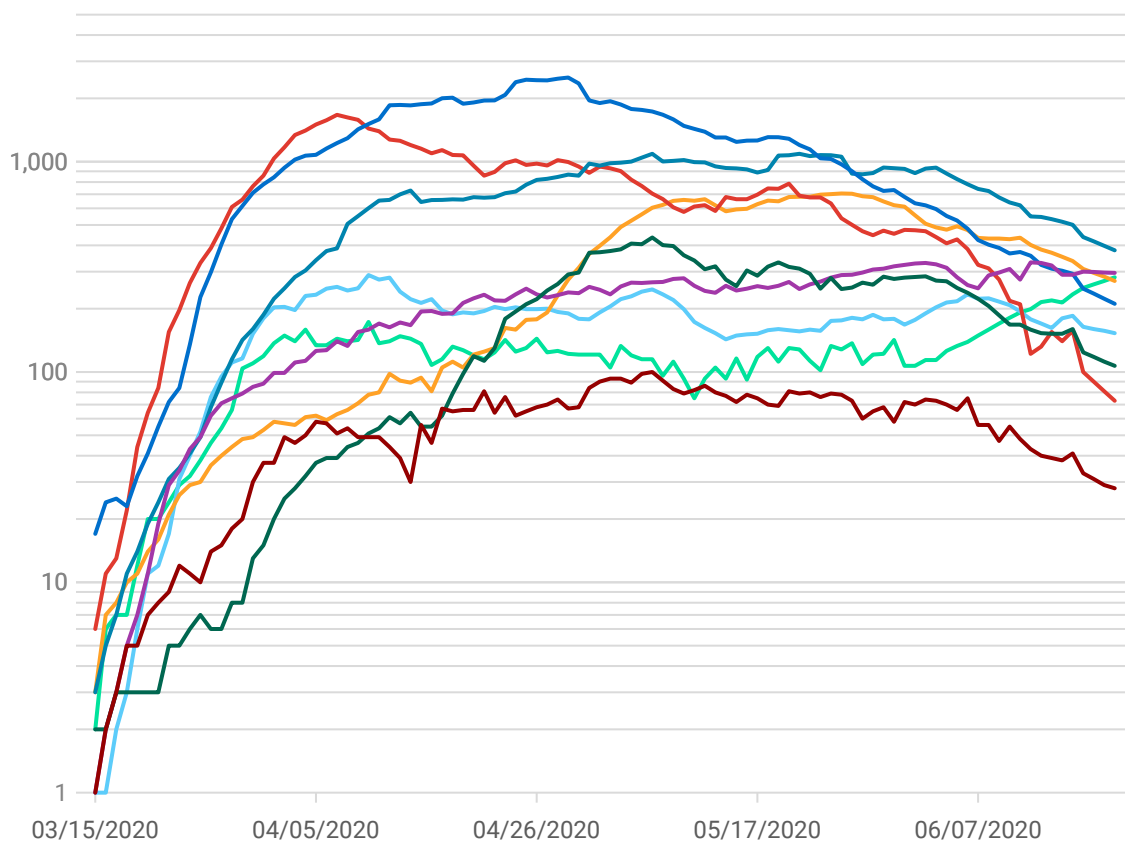


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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Actual and projected daily COVID-19 cases by state (MD-NH)

— Maryland — Massachusetts — Michigan — Minnesota — Mississippi — Missouri — Nebraska — Nevada — New Hampshire

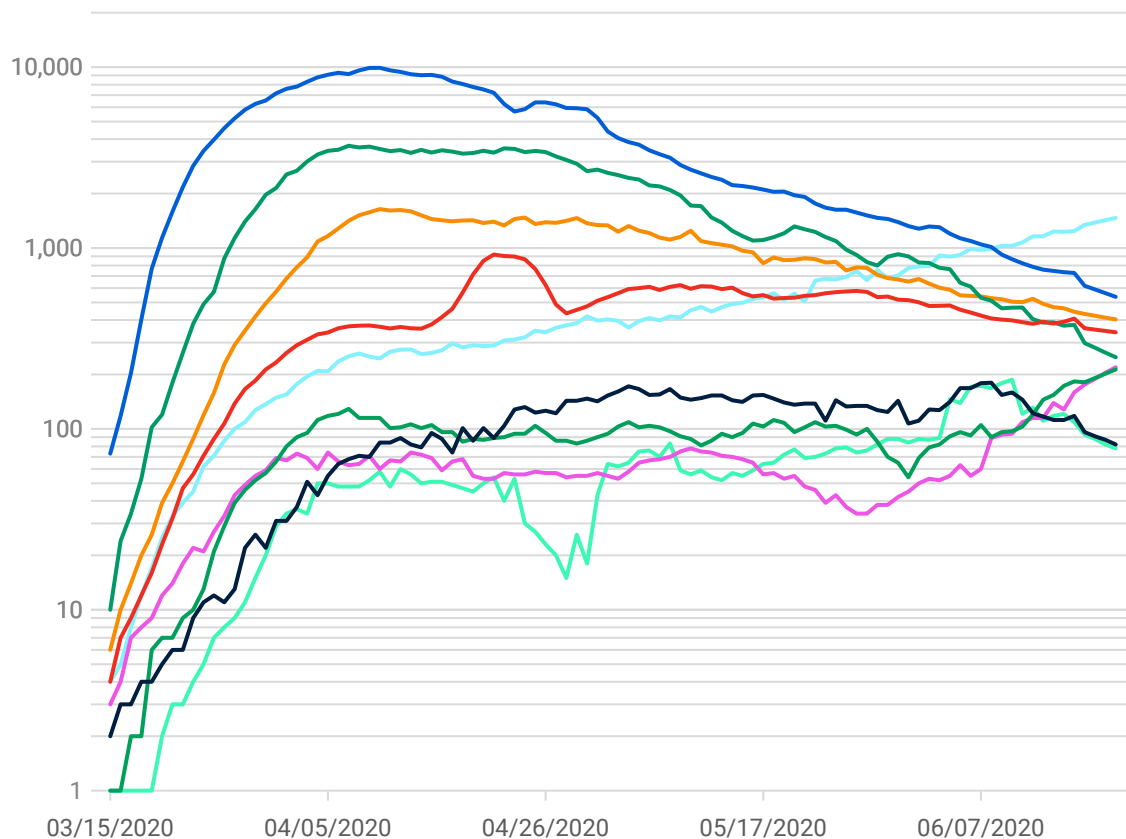


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Actual and projected daily COVID-19 cases by state (NM-PR)

New Jersey New Mexico New York North Carolina Ohio Oklahoma Oregon
Pennsylvania Puerto Rico

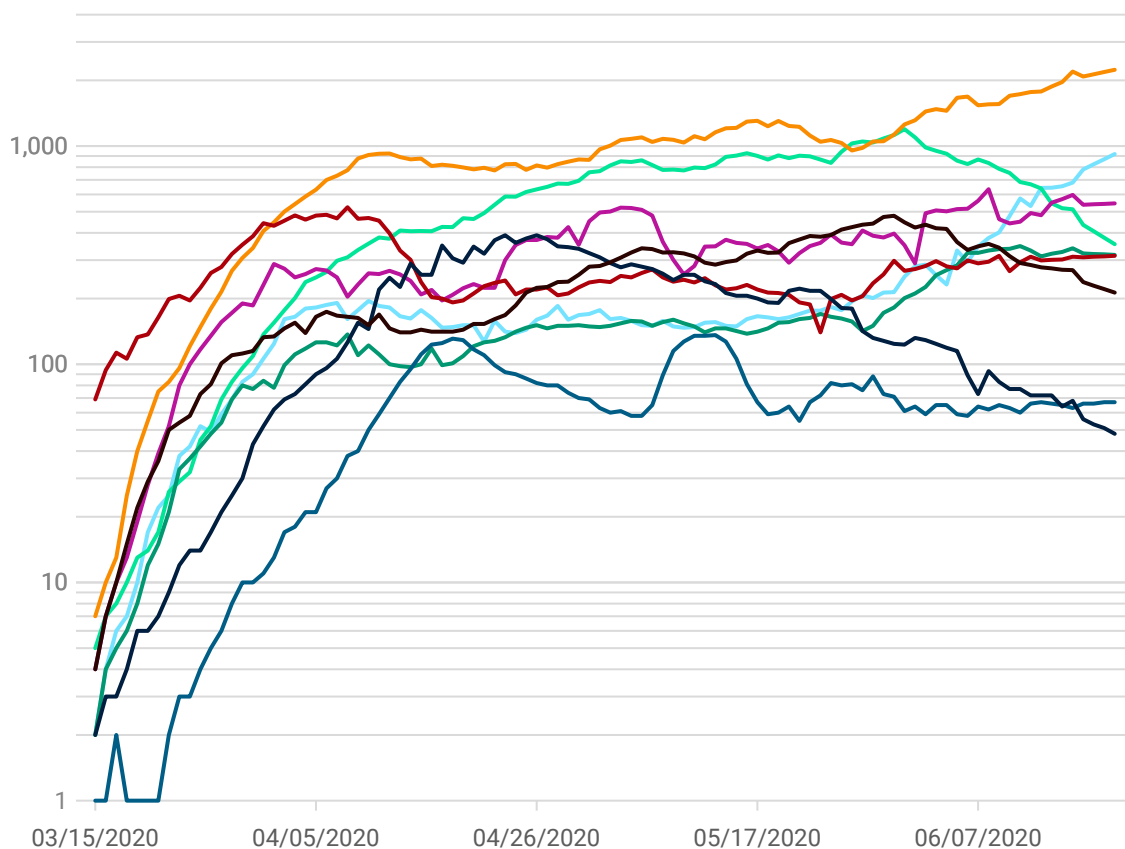


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Actual and projected daily COVID-19 cases by state (RI-WI)

— Rhode Island — South Carolina — South Dakota — Tennessee — Texas — Utah — Virginia
— Washington — Wisconsin



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