

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.

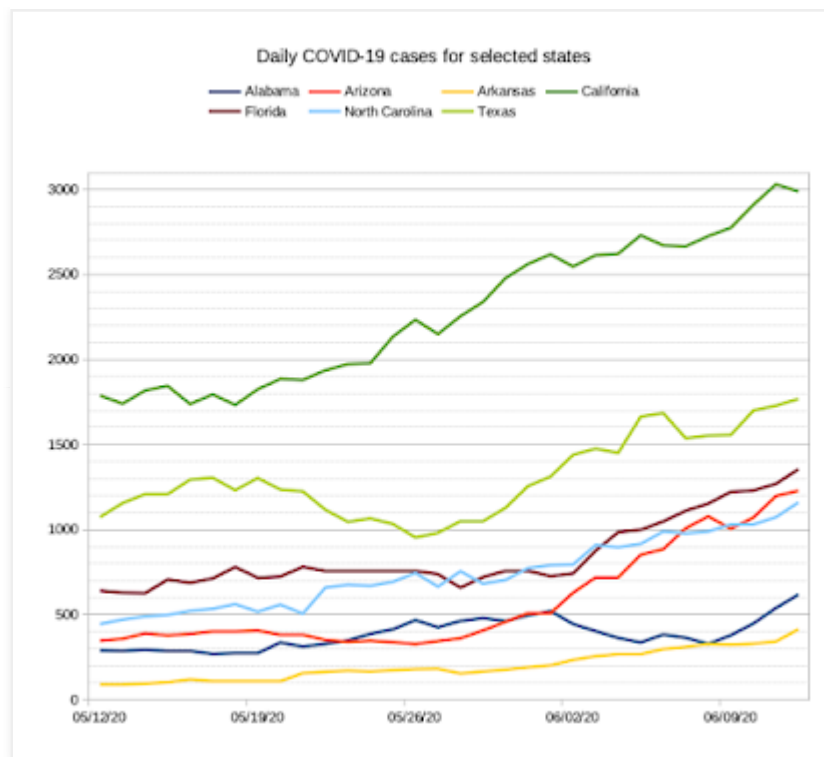
Last model run

June 13, 2020 with Johns Hopkins Data from 6/12/2020.

- **Predicted daily deaths on 8/11/2020: 839** (yesterday: 794; ~ 51,000 per 2 months)
- **Predicted daily cases on 8/11/2020: 19,170** (yesterday: 17,897)
- **Total deaths predicted by 8/11/2020: 170,748** (yesterday: 168,622 until 8/10)
- **Excluding New York & New Jersey: 124,993** (yesterday: 122,848 until 8/10)

Summary

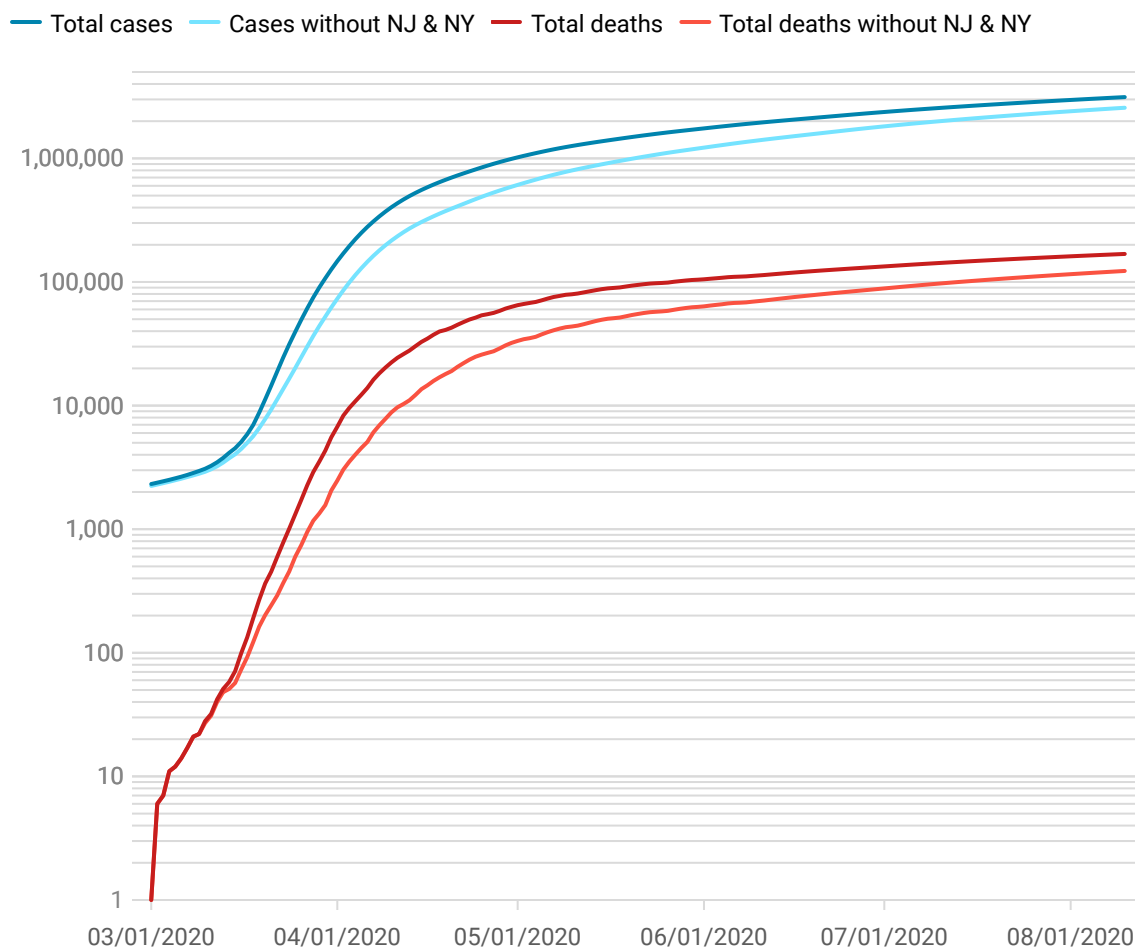
Today's numbers are significantly higher than yesterday. Several states have reported record numbers during the last few days, and large increases over the last two weeks:



Three states (Arizona, Arkansas, and Florida) reported a doubling of new daily cases over the last two weeks. The number of COVID-19 tests during the last 2 weeks has increased only slightly, so the observed increases are **not** caused by increased testing, but rather by increased transmissions one to two weeks earlier.

Total projected COVID-19 cases and deaths

Future growth in cases per day limited to 14 days.

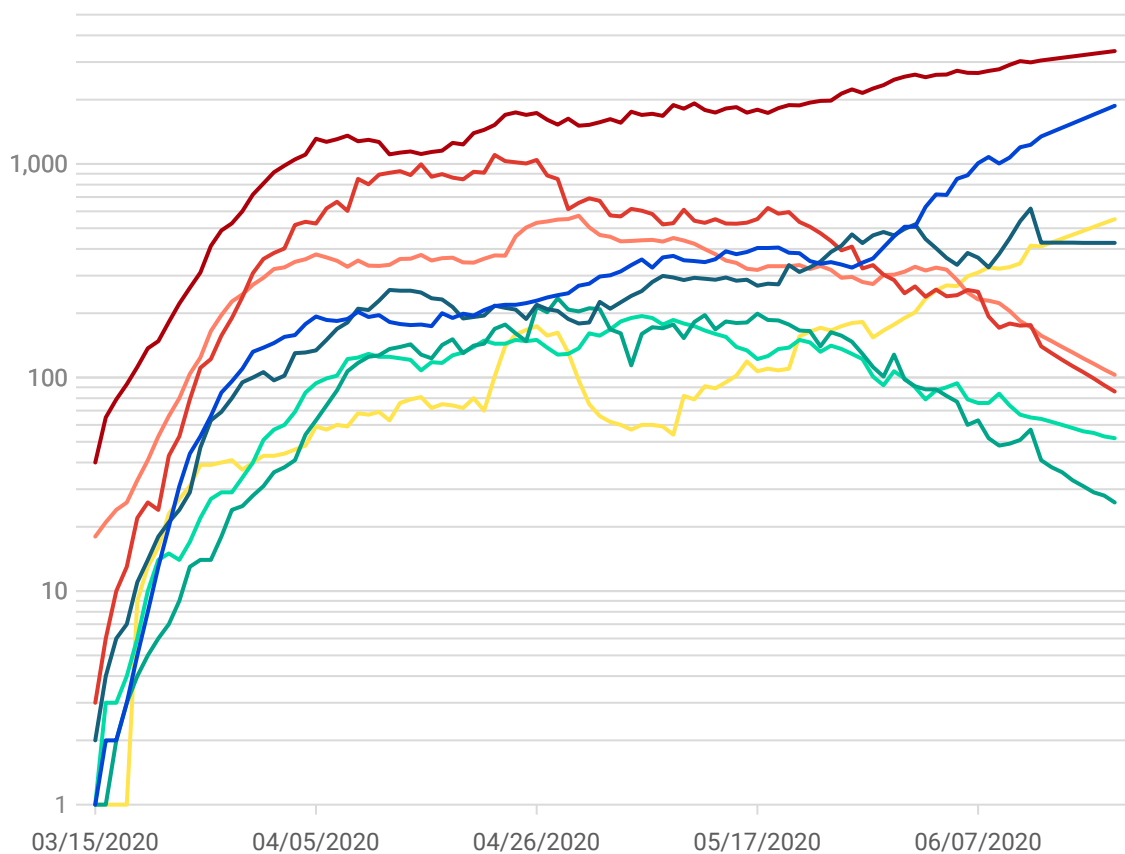


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

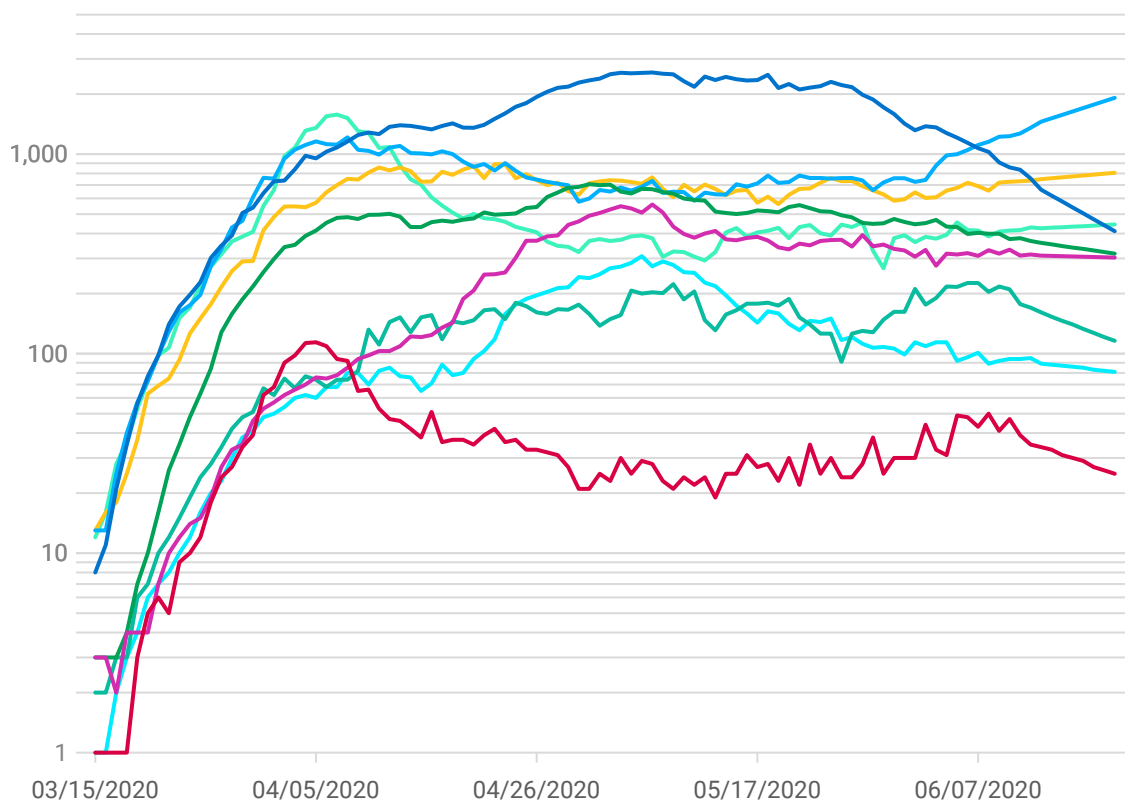


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

Florida Georgia Idaho Illinois Indiana Iowa Kansas Kentucky
Louisiana

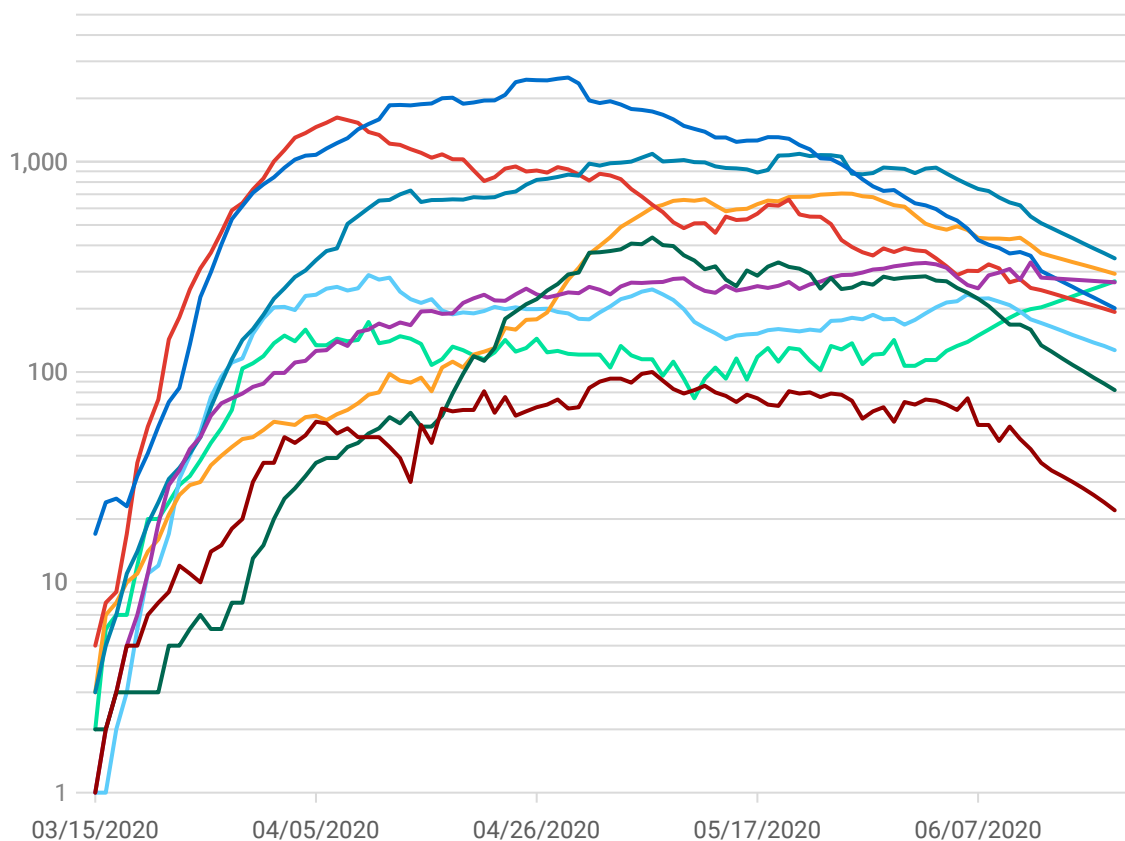


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

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

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

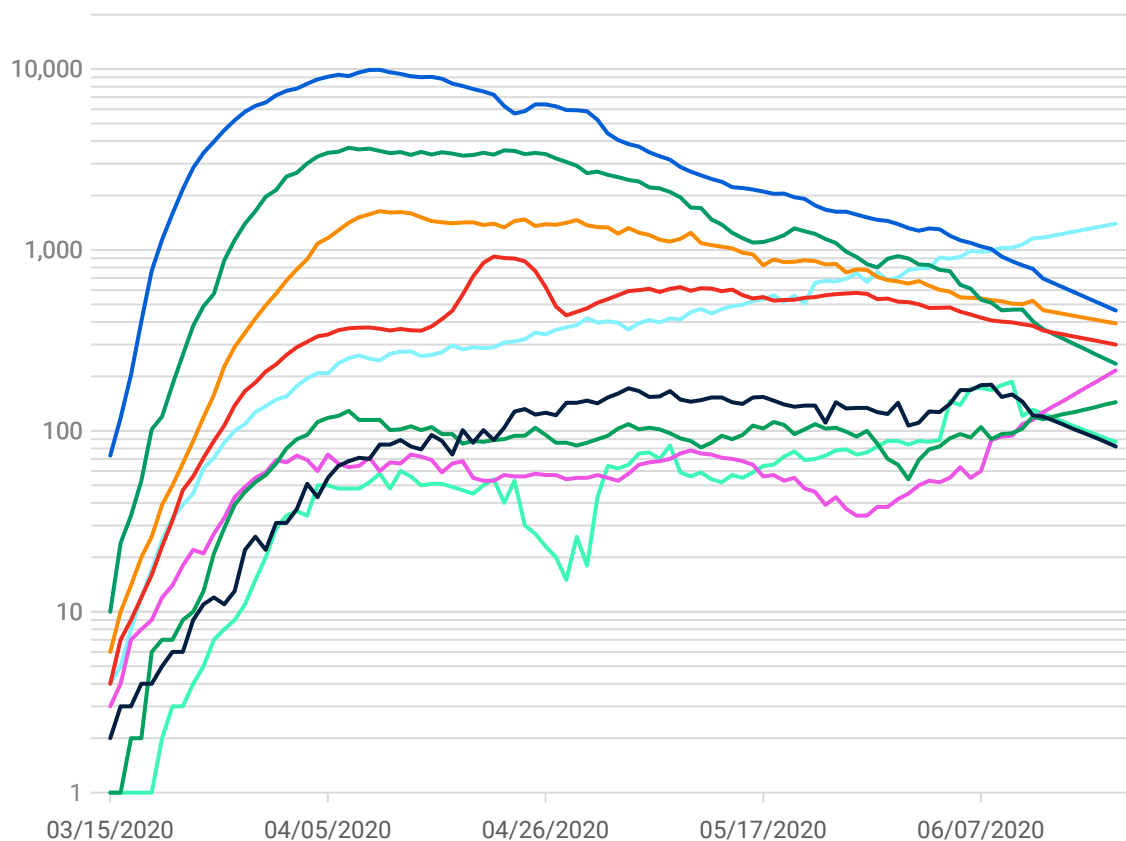


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

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

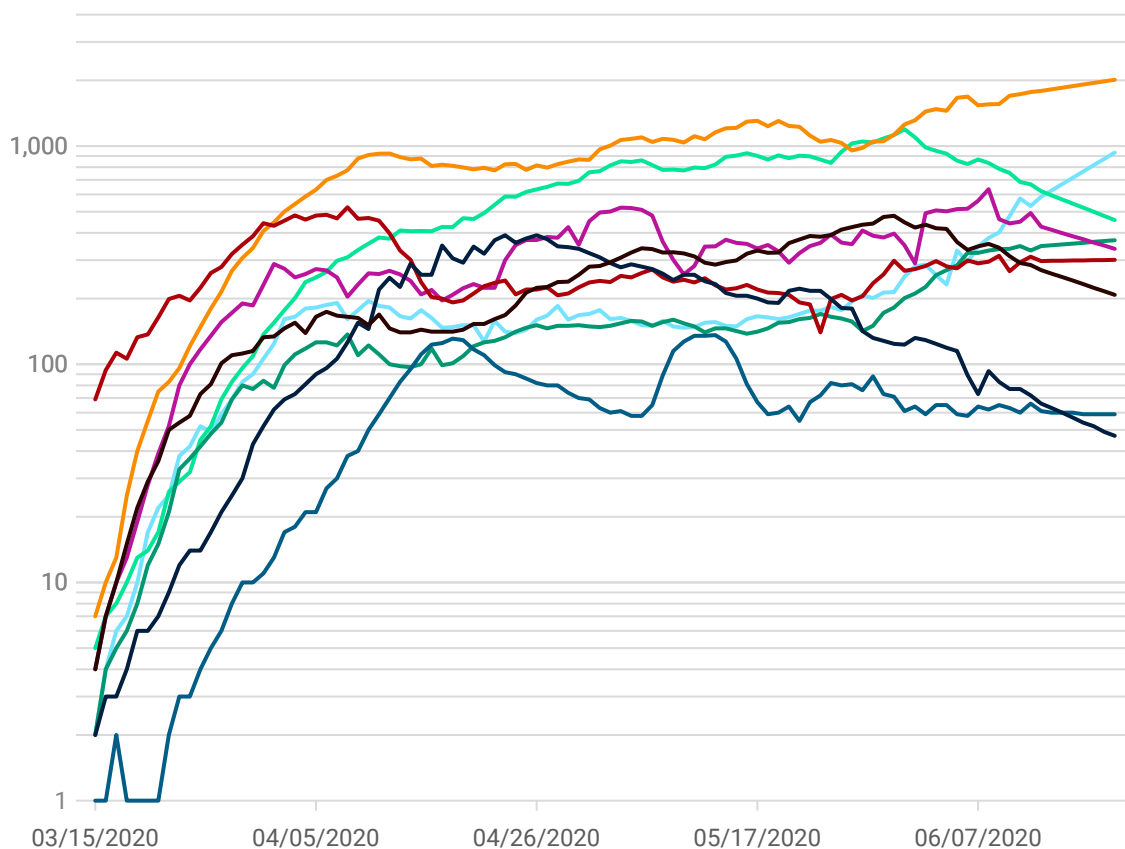


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Actual and projected daily COVID-19 cases by state (RI-WI)

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



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