

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 7, 2020 with Johns Hopkins Data from 6/6/2020.

- **Predicted daily deaths on 8/5/2020: 882** (yesterday: 838; ~ 53,000 per 2 months)
- **Predicted daily cases on 8/5/2020: 18,667** (yesterday: 17,365)
- **Total deaths predicted by 8/5/2020: 170,445** (yesterday: 168,496 until 8/4)
- **Excluding New York & New Jersey: 123,683** (yesterday: 121,310 until 8/4)

Summary

Today's numbers show an increase over yesterday, making this the eighth day in a row of increases. Since May 30, the number of predicted daily cases at the end of the 60-day forecast period has increased by 52% from 12,234 to 18,667, and the number of predicted daily deaths has increased by 44% from 609 to 882.

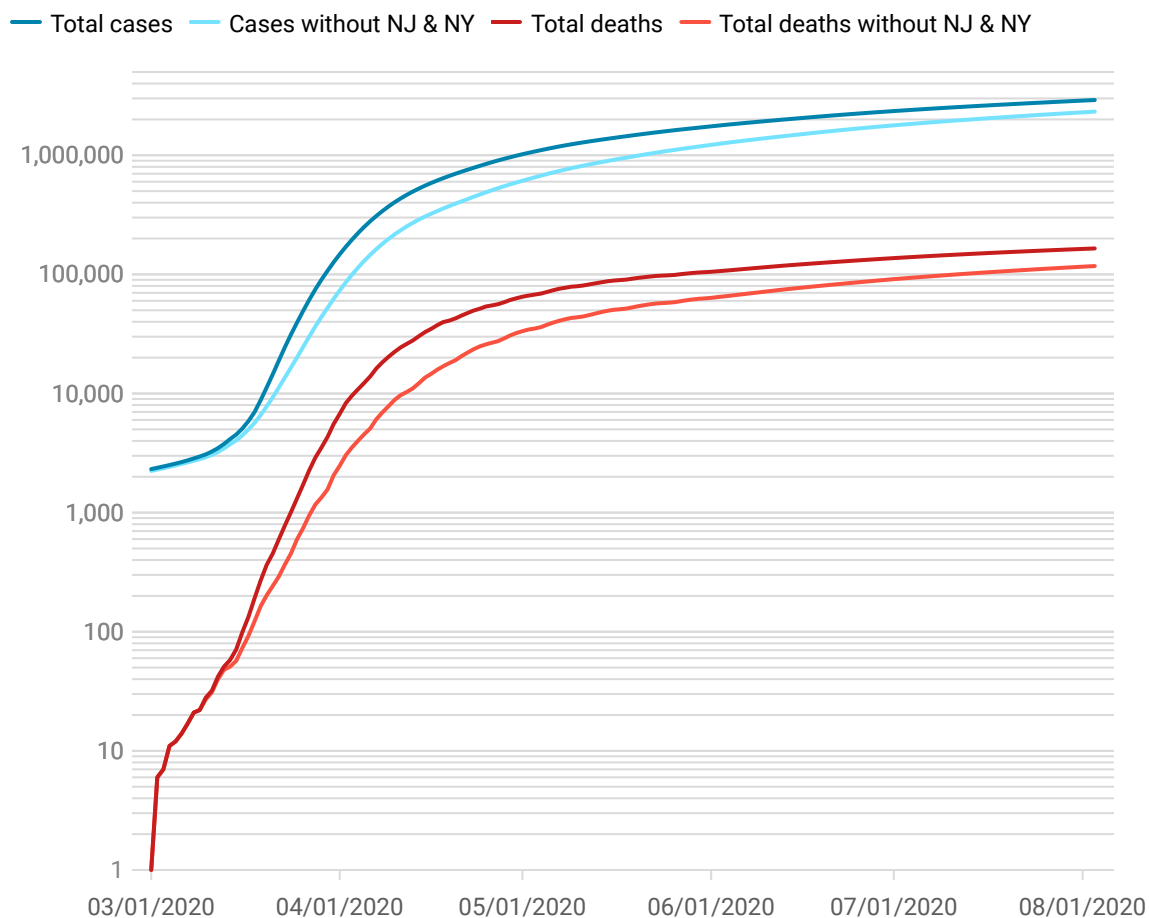
Looking at the predicted cases at the end of this week, the following states have more than 1,000 new COVID-19 cases per day:

- Arizona
- California
- Florida
- North Carolina
- Texas

This is a big change from April and May, when states in the northeast had the highest numbers. The list includes the three states with the largest population (CA, TX, FL), but also #9 North Carolina and #14 Arizona.

Total projected COVID-19 cases and deaths

Future growth in cases per day limited to 14 days.

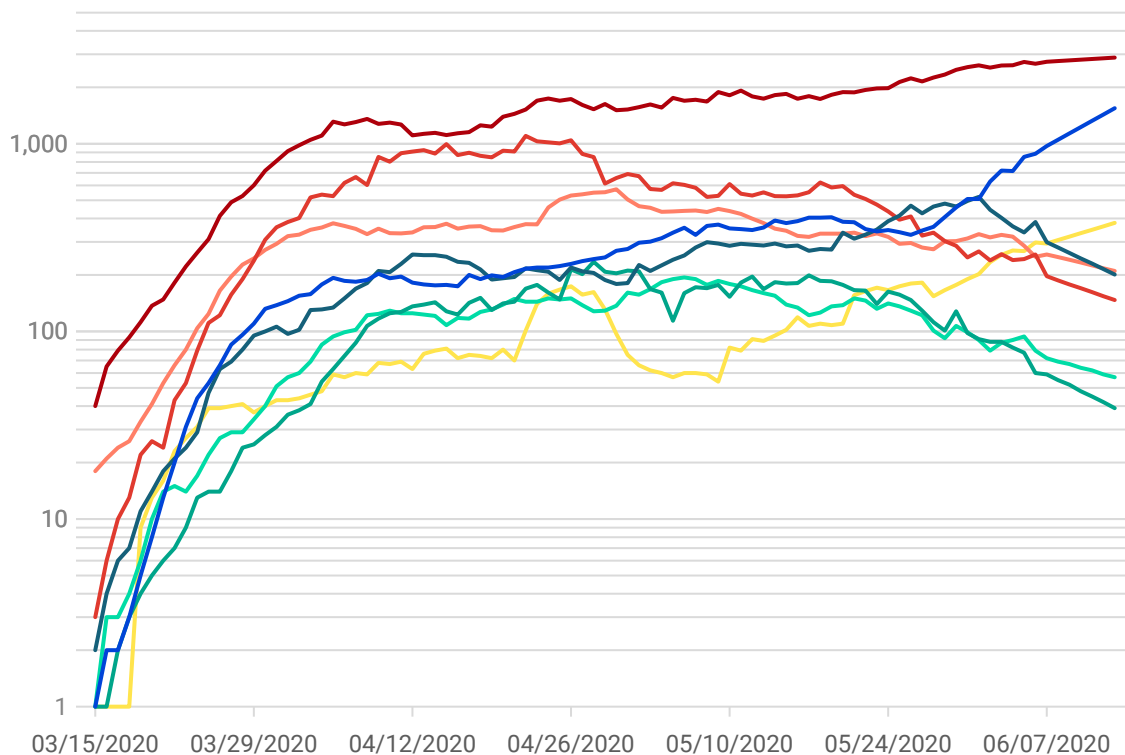


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

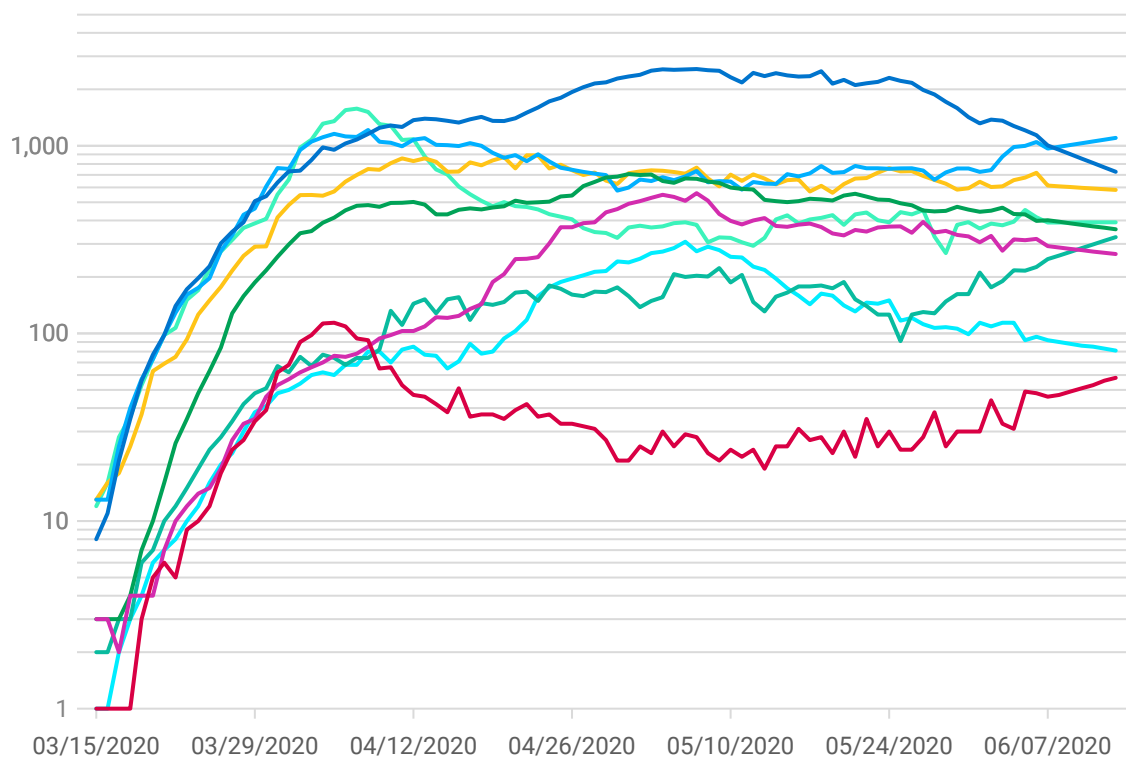


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Actual and projected daily COVID-19 cases by state (FL-LA)

Florida Georgia Idaho Illinois Indiana Iowa Kansas Kentucky Louisiana

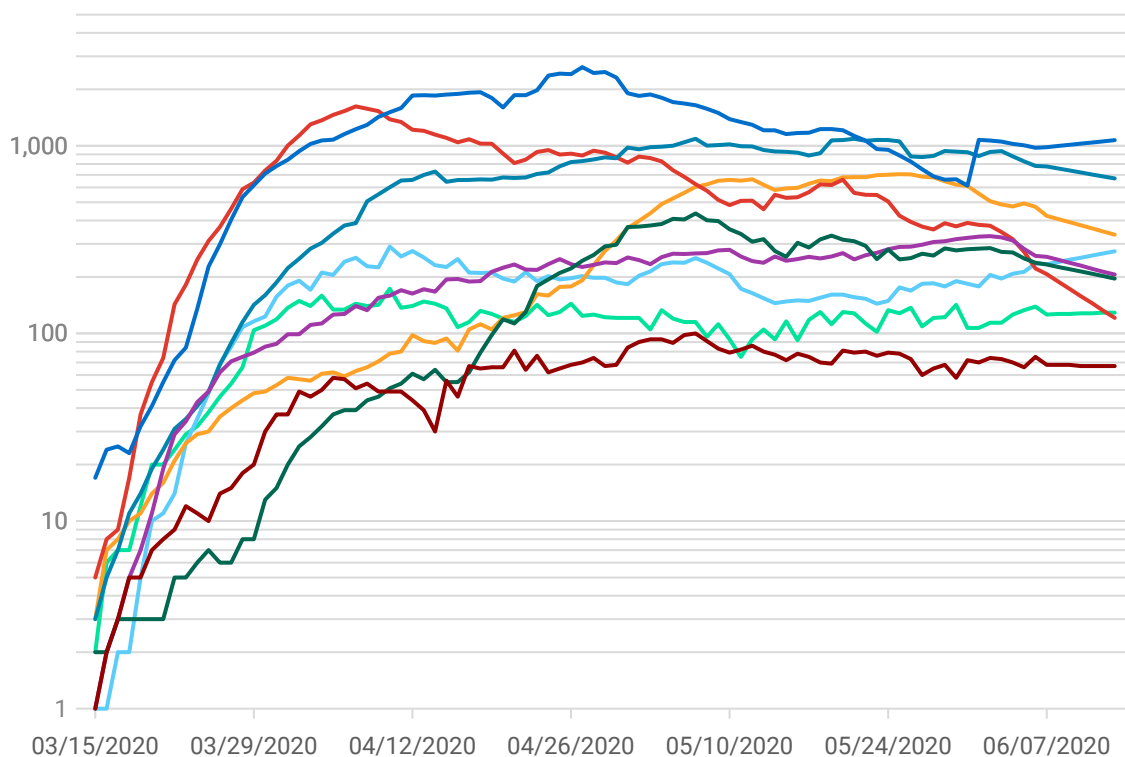


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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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

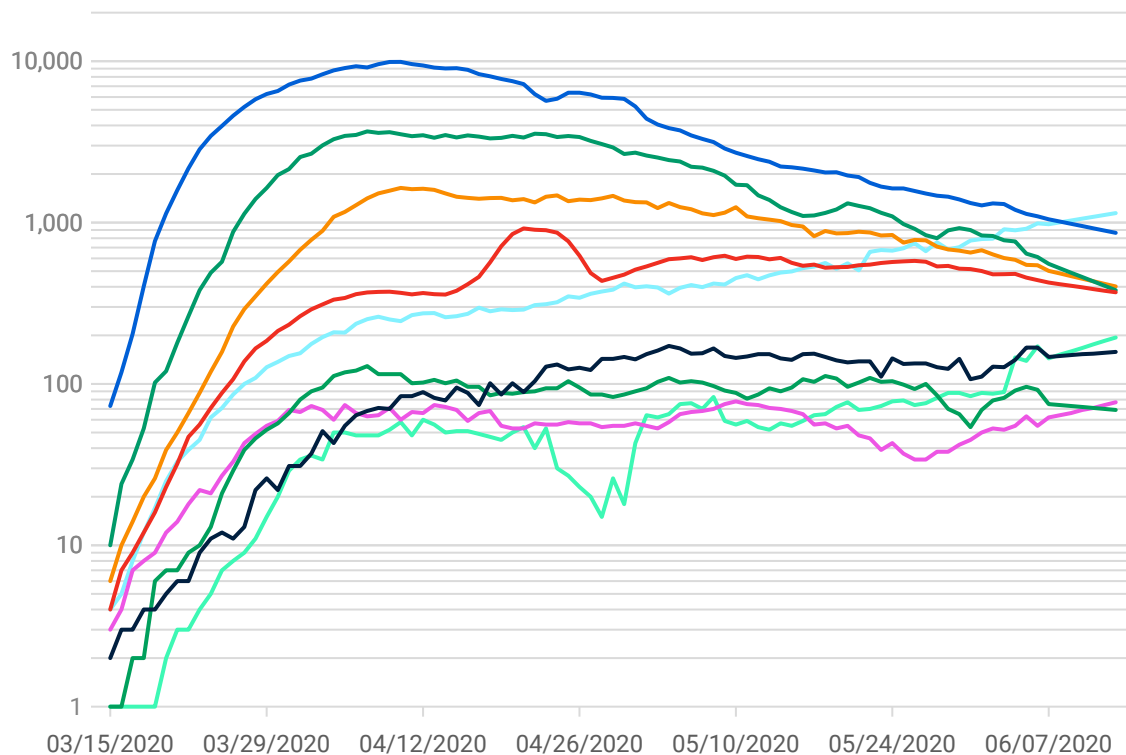


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Actual and projected daily COVID-19 cases by state (NM-PR)

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

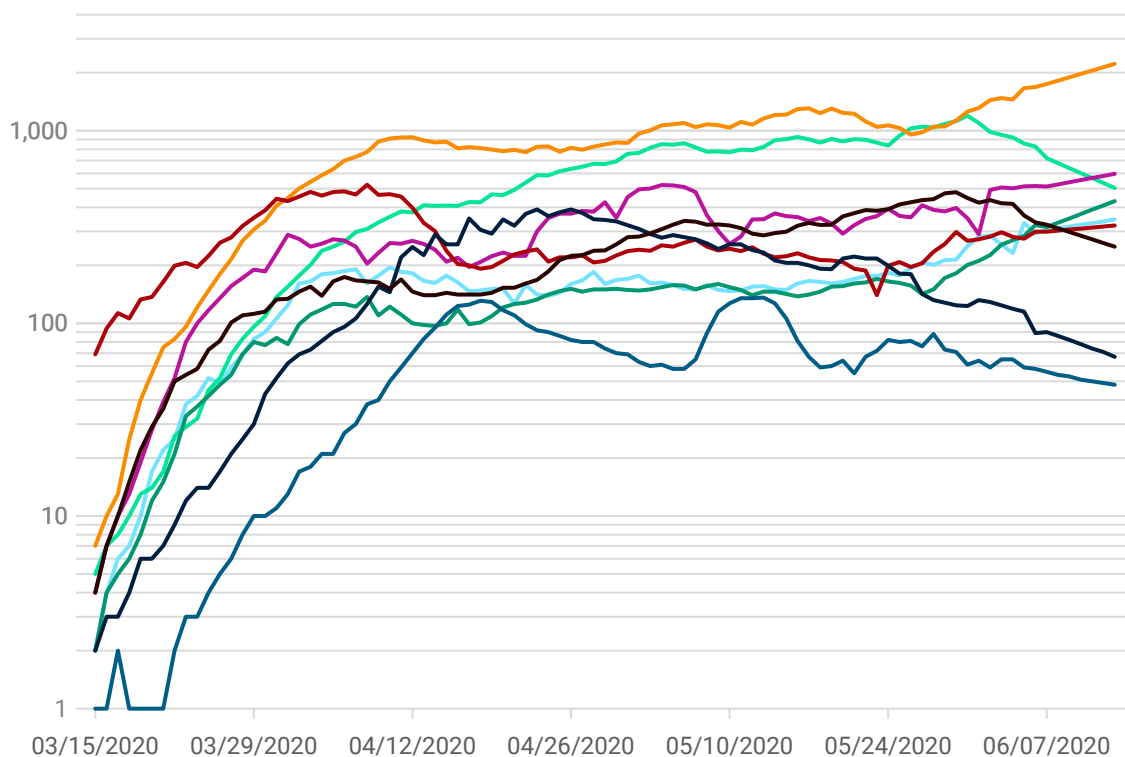


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Actual and projected daily COVID-19 cases by state (RI-WI)

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



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