

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.

Please note that this model does not try to predict the effect of "re-opening". Since the model is based on extrapolation of trends in the last 2-3 weeks, any increases in COVID-19 cases from relaxed restrictions can take up to a month to be reflected in the predictions.

Last model run

May 10, 2020 with Johns Hopkins Data from 5/9/2020.

- **Total deaths predicted by 7/8/2020: 161,712** (yesterday:168,042 until 7/7)
- **Excluding New York & New Jersey: 114,801** (yesterday: 120,073 until 7/7)
- **Predicted daily cases on 7/8/2020: 16,289** (yesterday: 18,384)
- **Predicted daily death on 7/8/2020: 1,077** (~ 65,000 per 2 months)

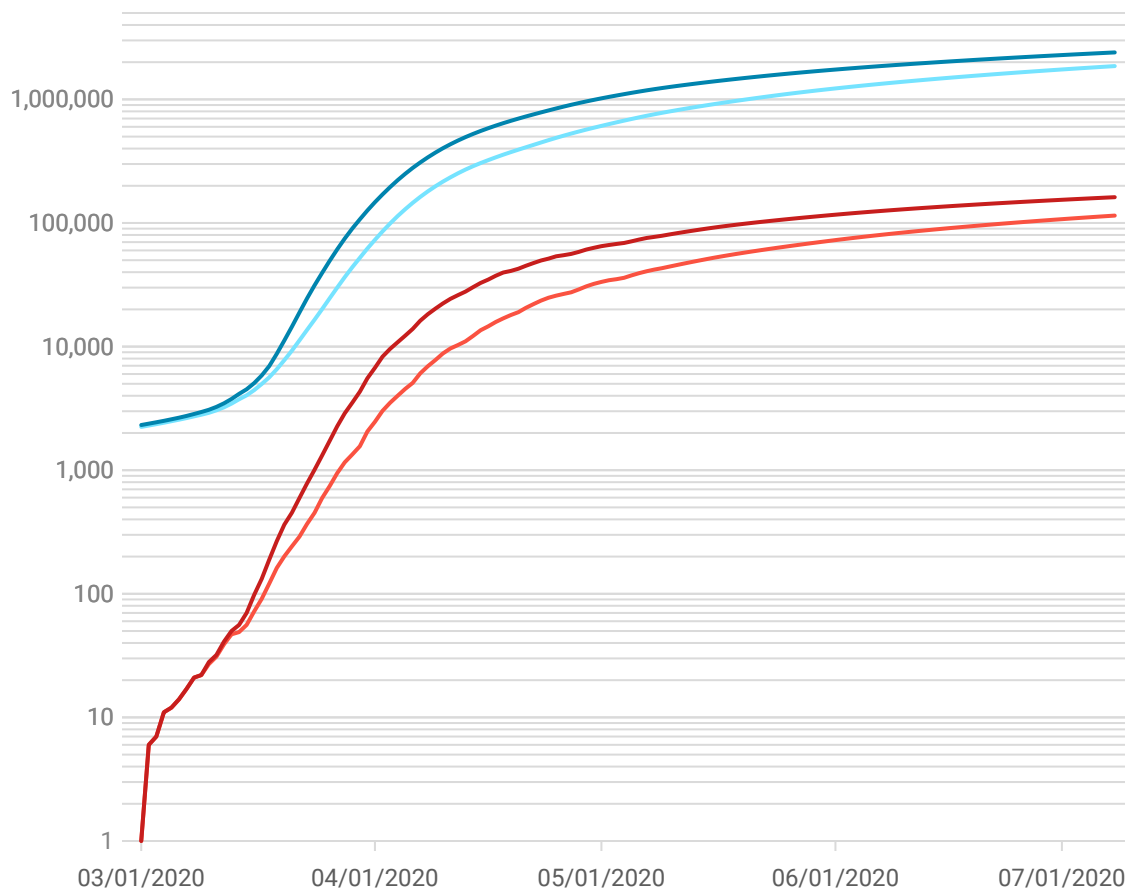
Summary

Today's numbers show a large drop compared to yesterday. 26 states and regions showed lower predicted case numbers, and only 16 showed higher predicted numbers.

Total projected COVID-19 cases and deaths

Future growth in cases per day limited to 14 days.

— Total cases — Cases without NJ & NY — Total deaths — Total deaths without NJ & NY

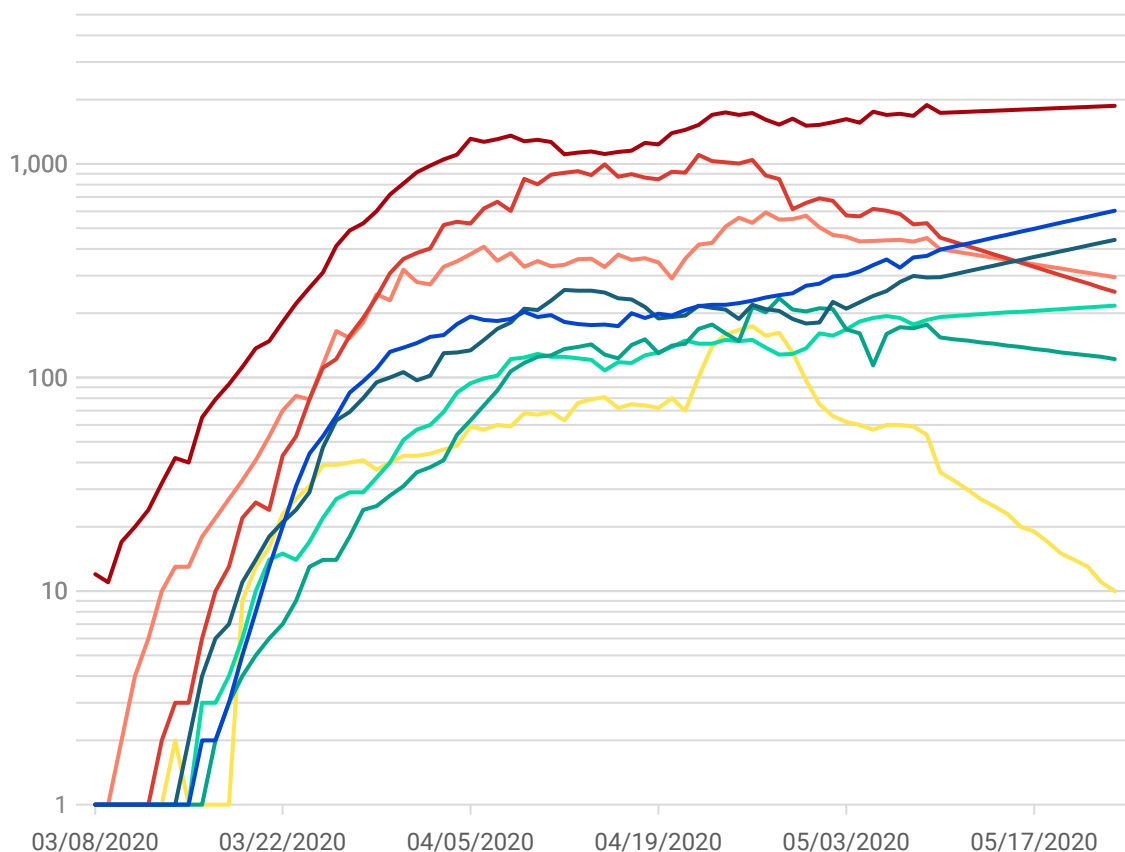


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

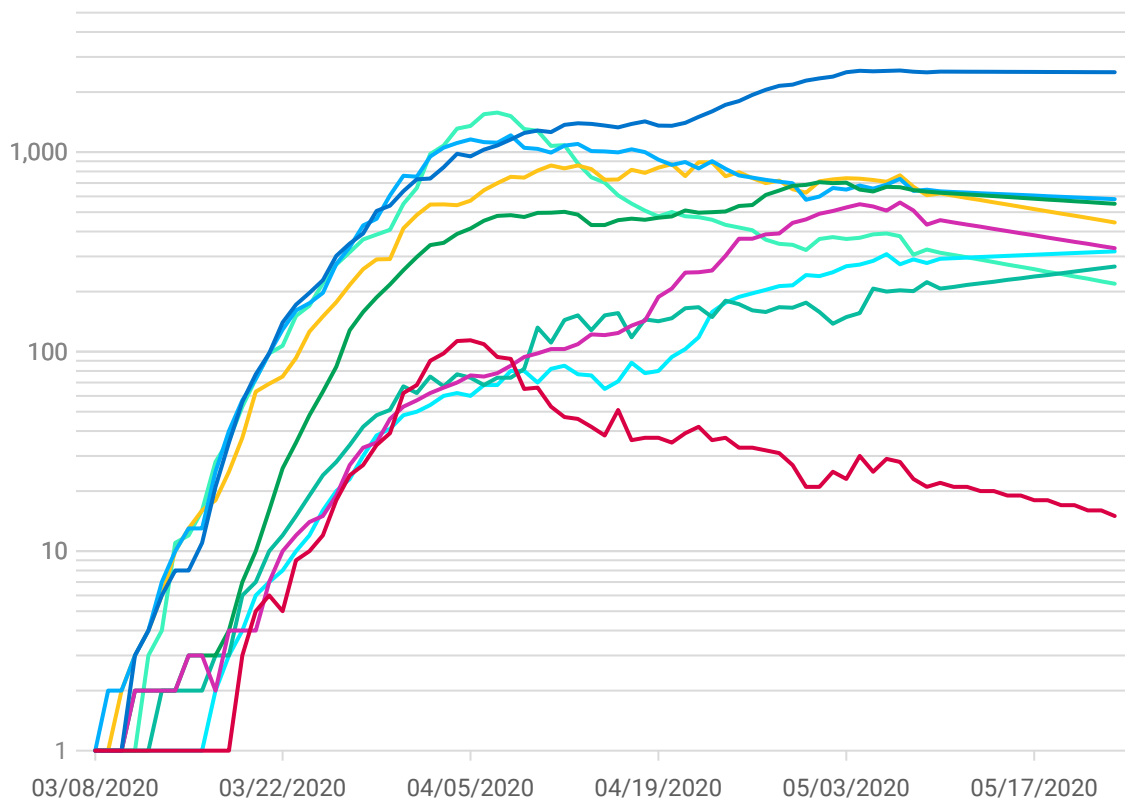


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Actual and projected daily COVID-19 cases by state (FL-LA)

Florida Georgia Idaho Illinois Indiana Iowa Kansas Kentucky Louisiana

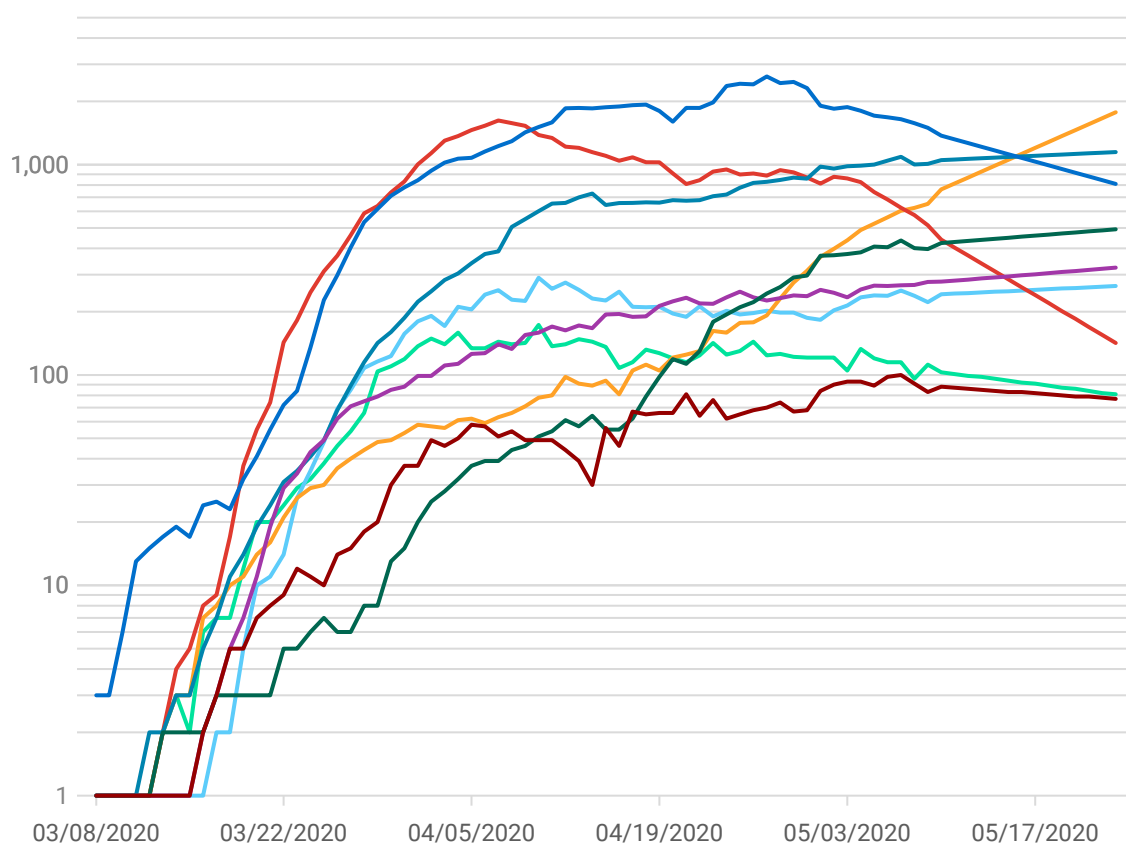


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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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

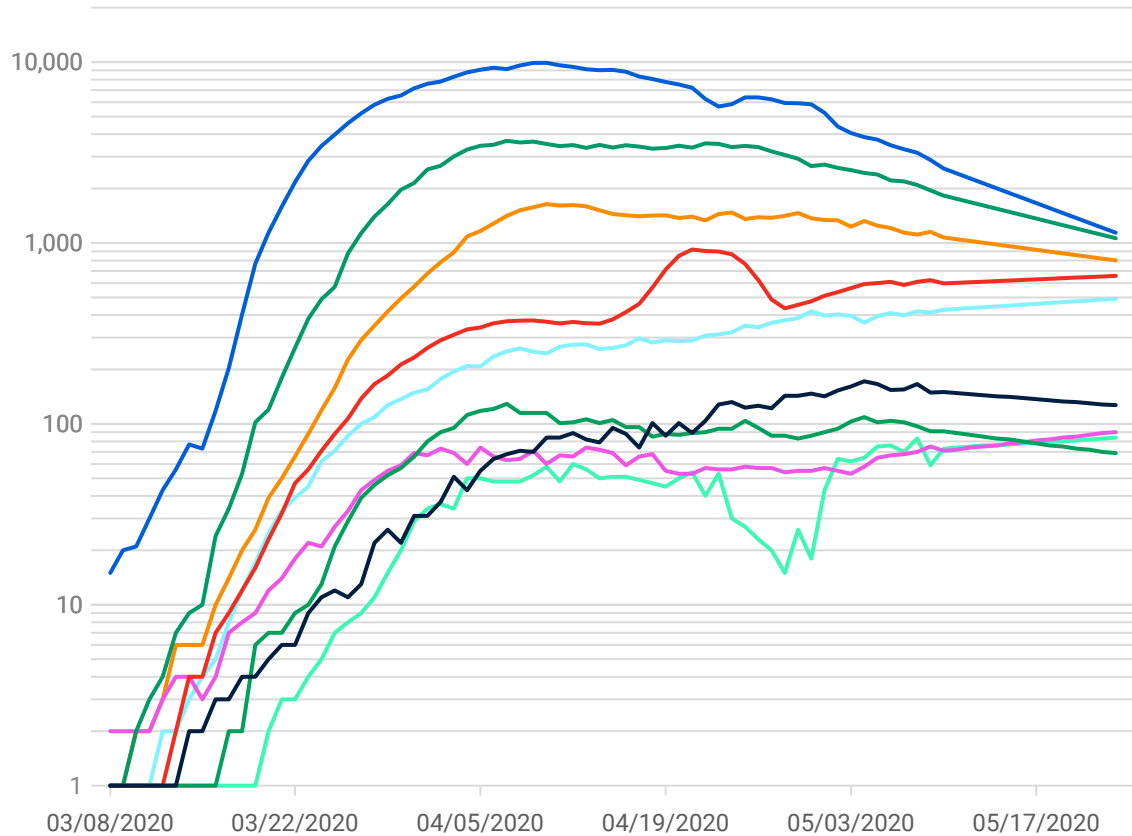


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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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

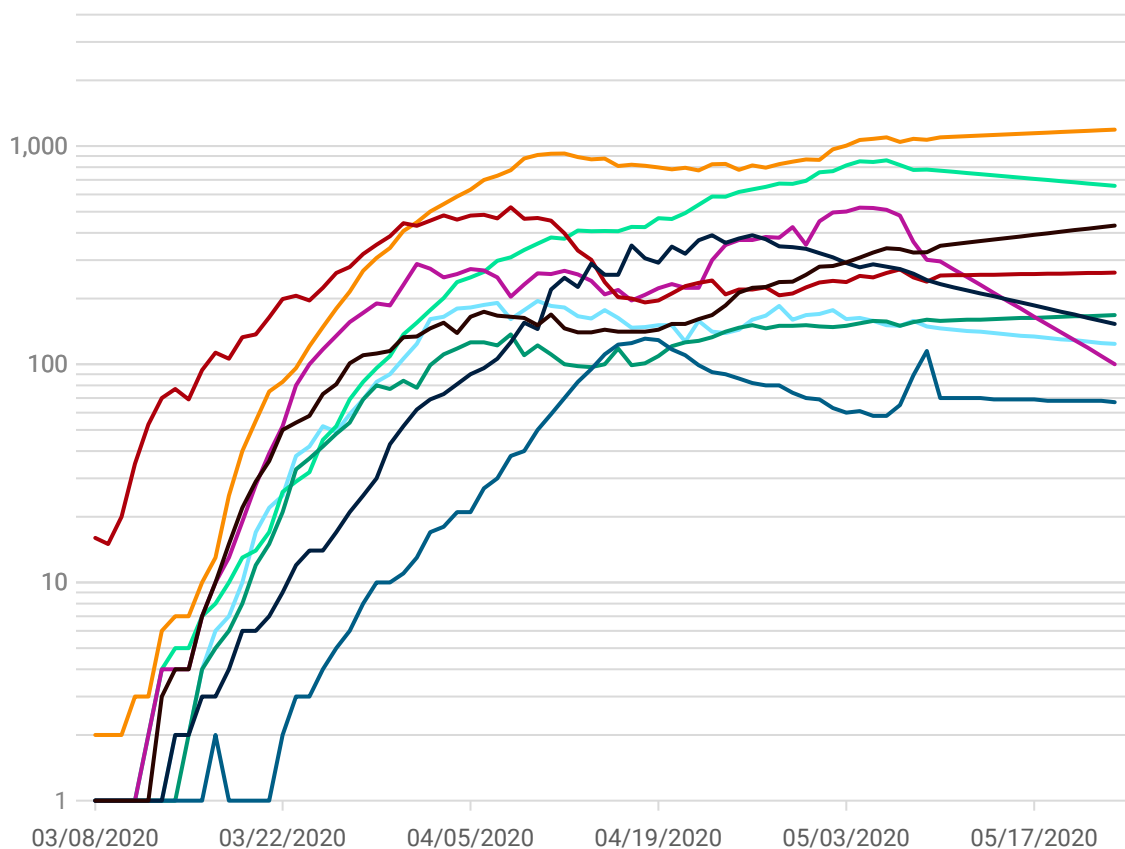


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Actual and projected daily COVID-19 cases by state (RI-WI)

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



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