Corona Virus Science

This blog explains some of the science related to the corona virus (COVID-19) e
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

May 31, 2020 with Johns Hopkins Data from 5/30/2020.

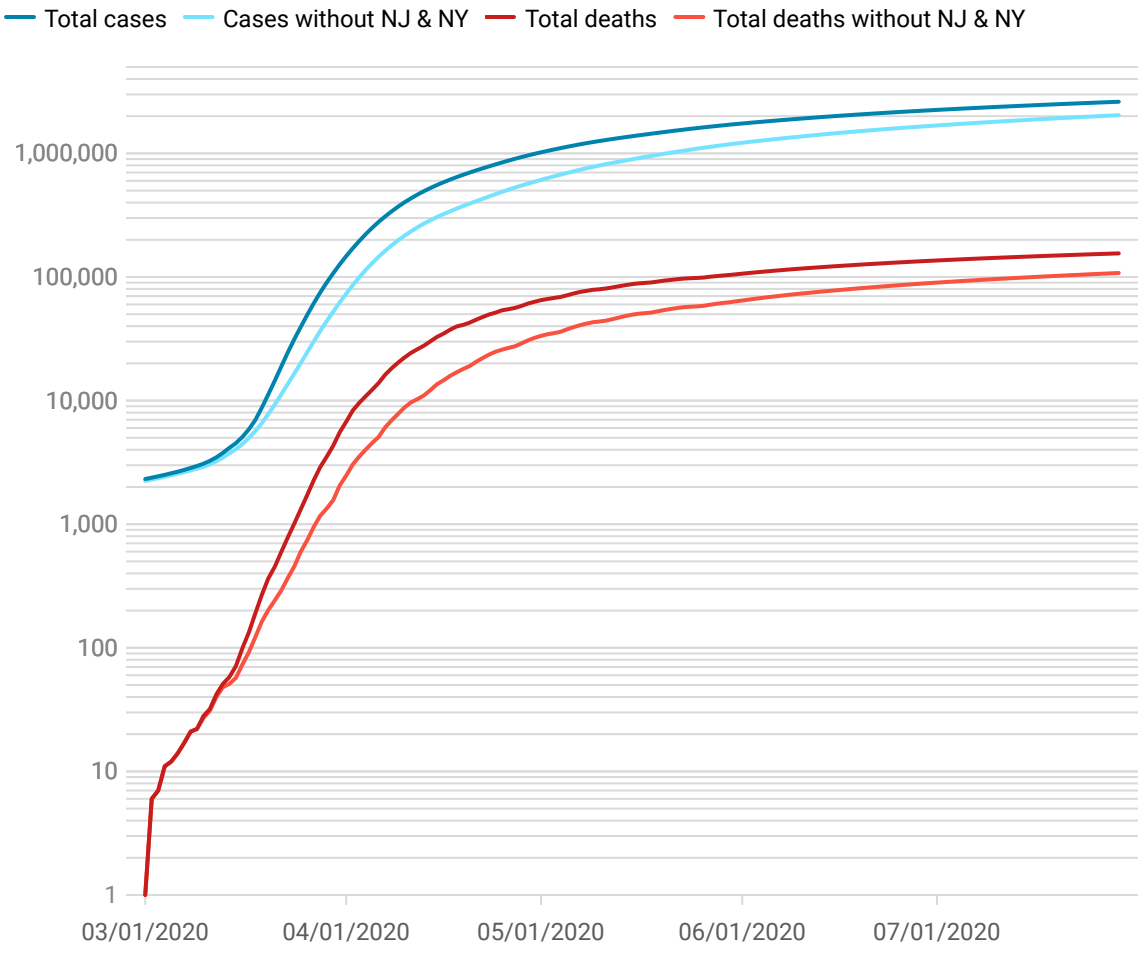
- **Predicted daily deaths on 7/29/2020: 609** (yesterday: 585 ~ 37,000 per 2 months)
- **Predicted daily cases on 7/29/2020: 12,234** (yesterday: 11,691)
- **Total deaths predicted by 7/29/2020: 155,248** (yesterday:153,667 until 7/28)
- **Excluding New York & New Jersey: 107,729** (yesterday: 106,785 until 7/28)

Summary

Today's numbers are higher than yesterday. With Worldometers reporting an increase in confirmed cases relative to a week ago, this does not come as a surprise. Several states show a clear upward trend yesterday or over the last several days; examples include Texas, Utah, and Washington in the last graph.

Total projected COVID-19 cases and deaths

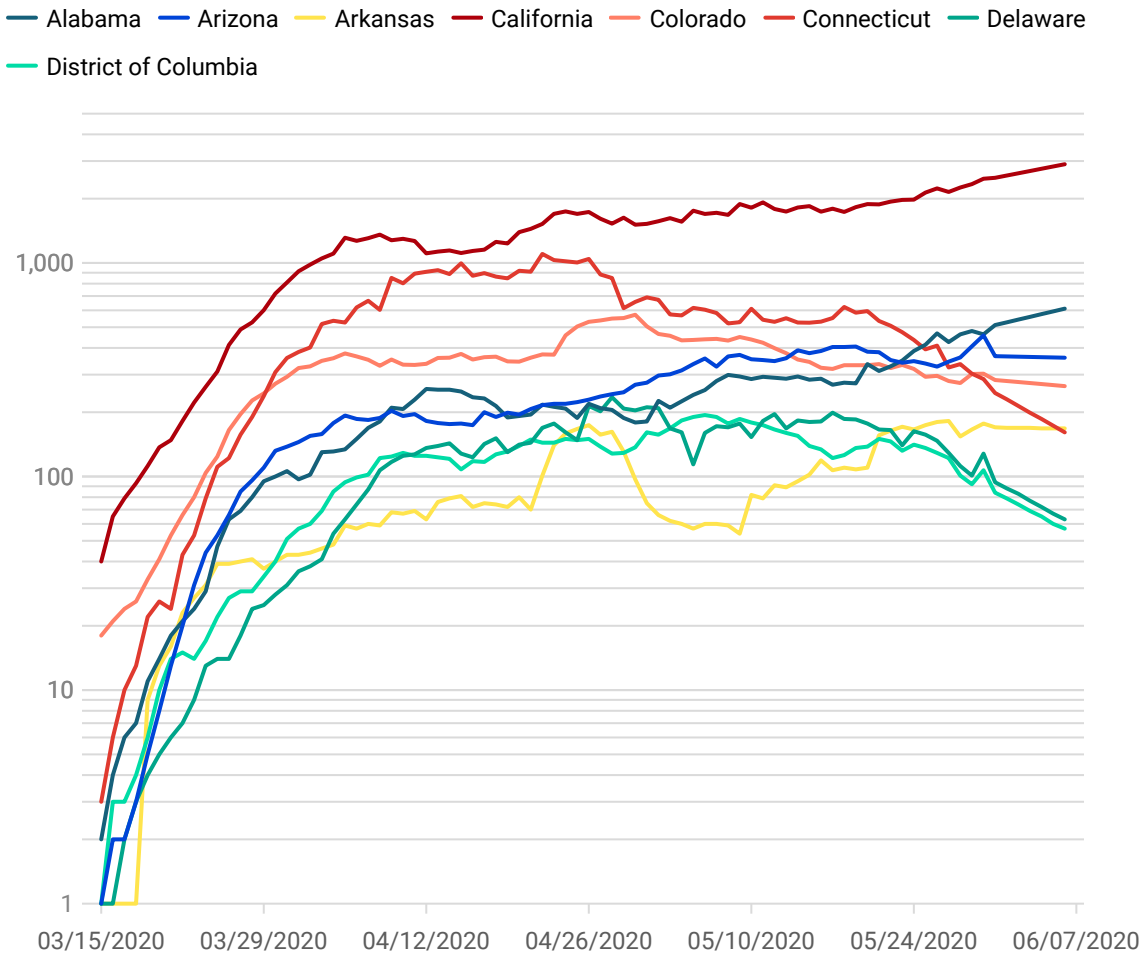
Future growth in cases per day limited to 14 days.



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)



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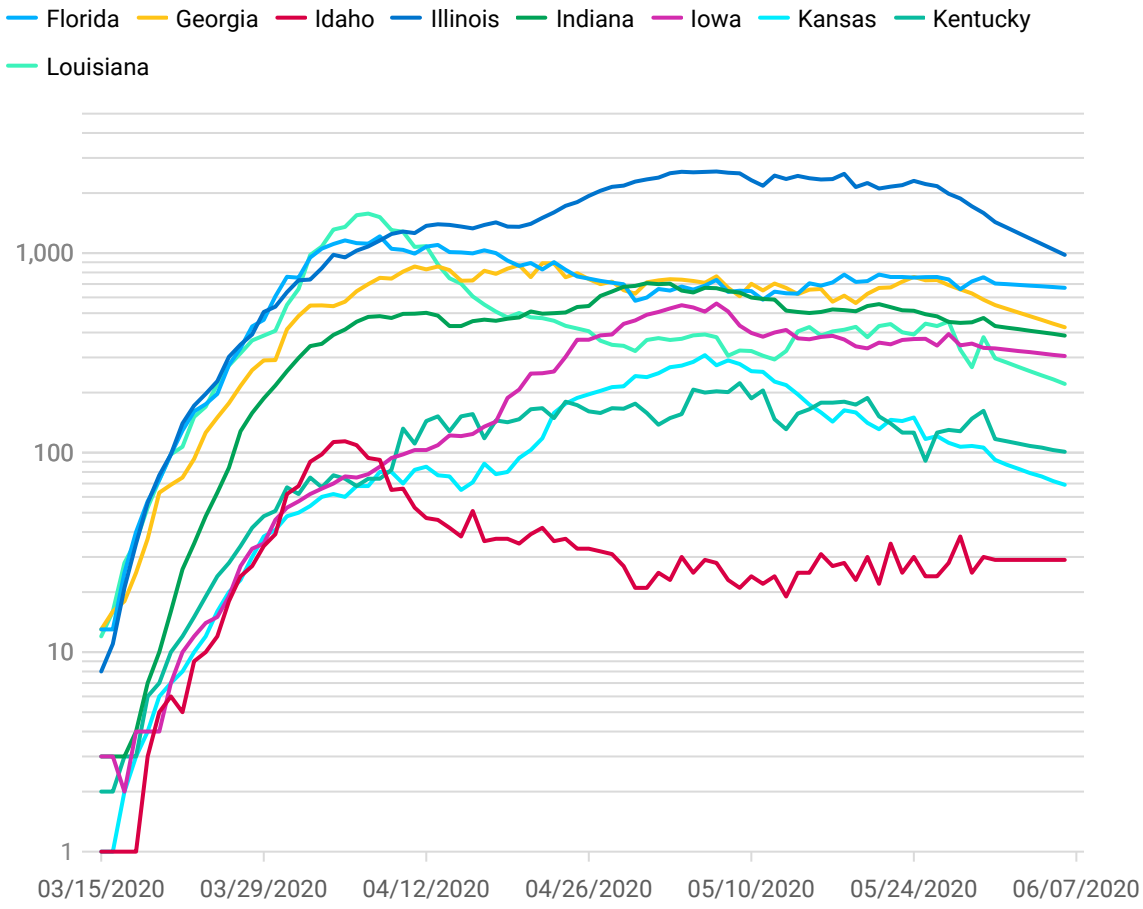
Actual and projected daily COVID-19 cases by state (FL-LA)



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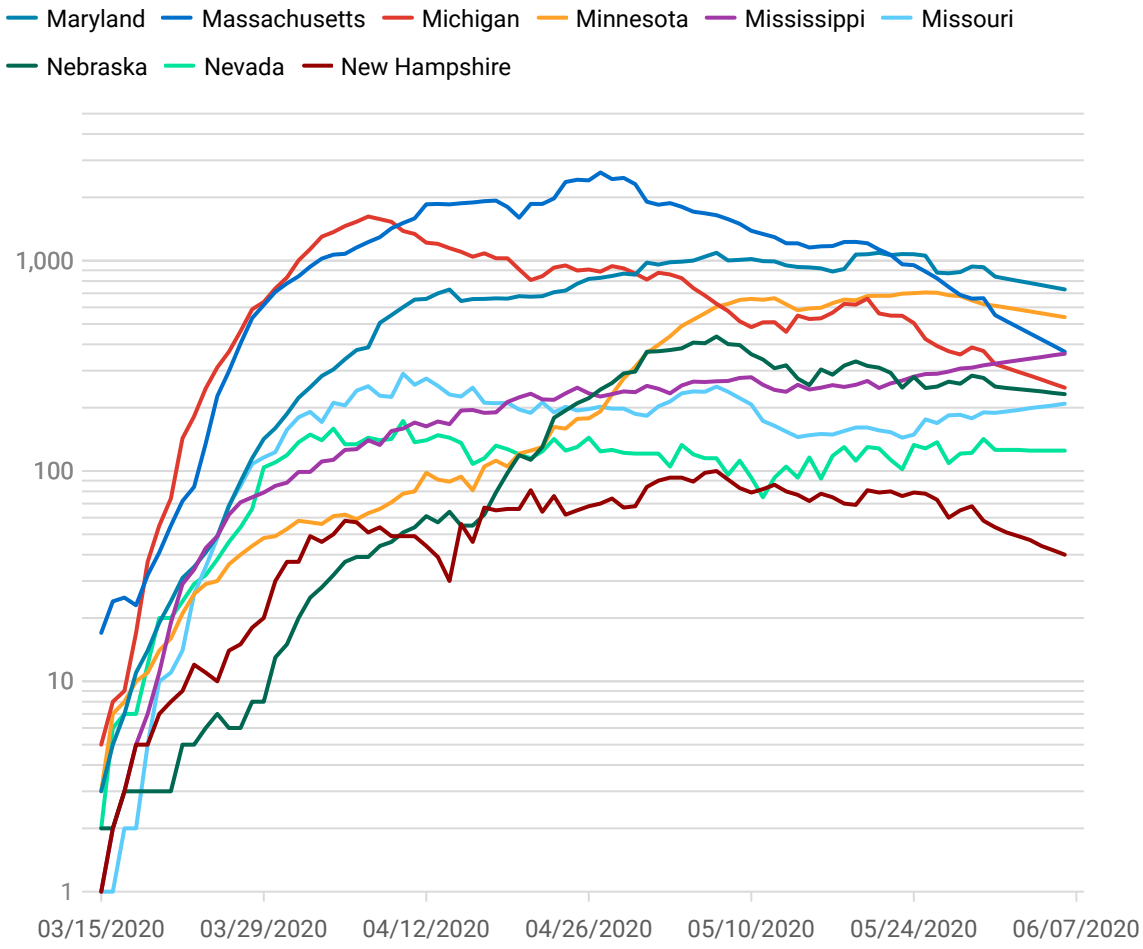
Actual and projected daily COVID-19 cases by state (MD-NH)



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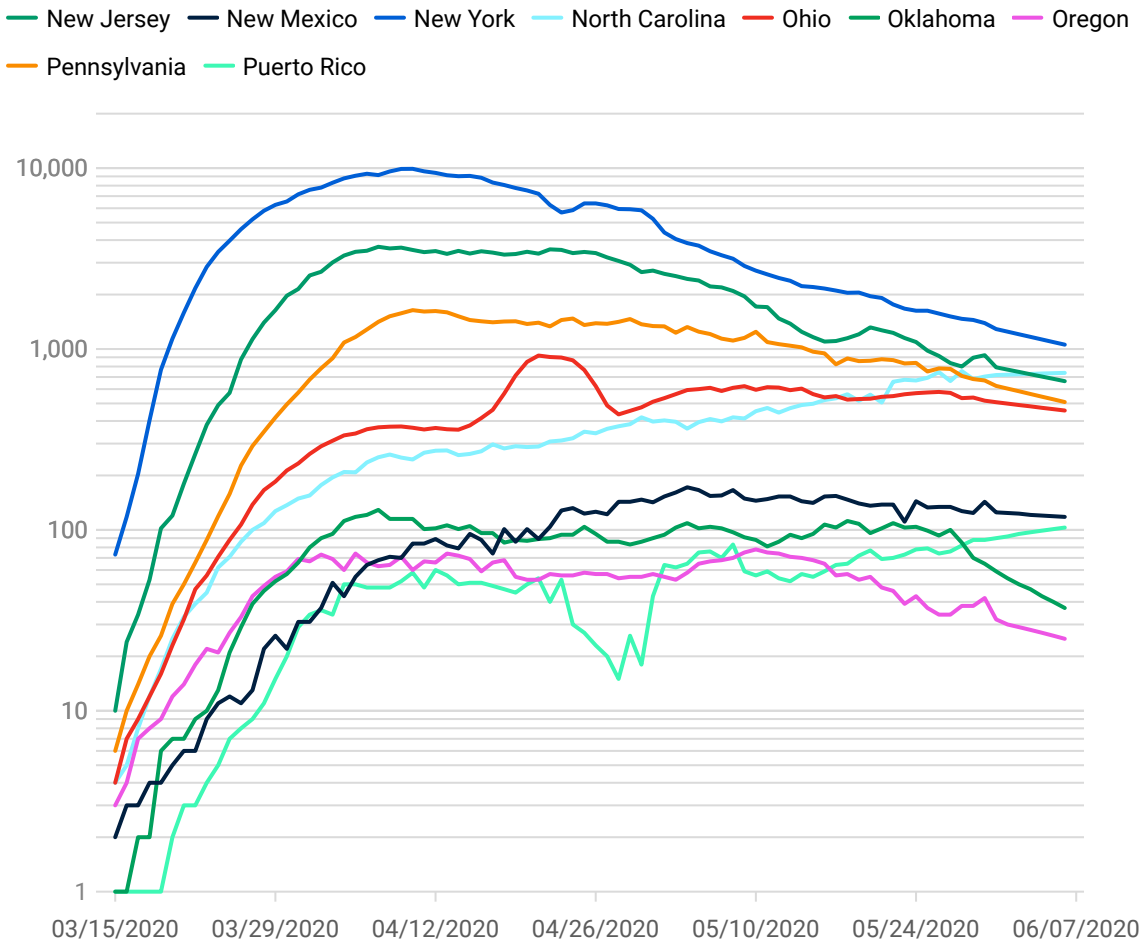
Actual and projected daily COVID-19 cases by state (NM-PR)



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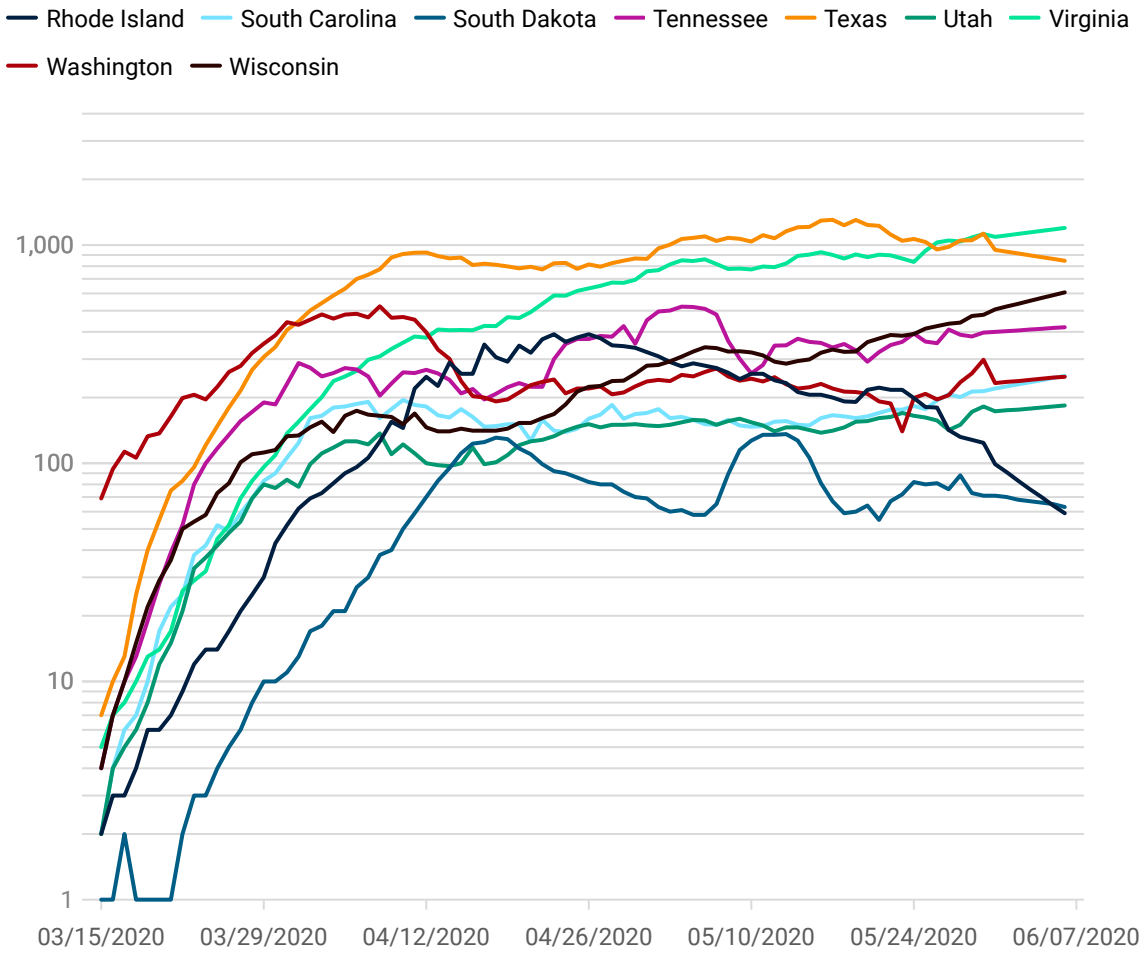
Actual and projected daily COVID-19 cases by state (RI-WI)



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