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

June 6, 2020 with Johns Hopkins Data from 6/5/2020.

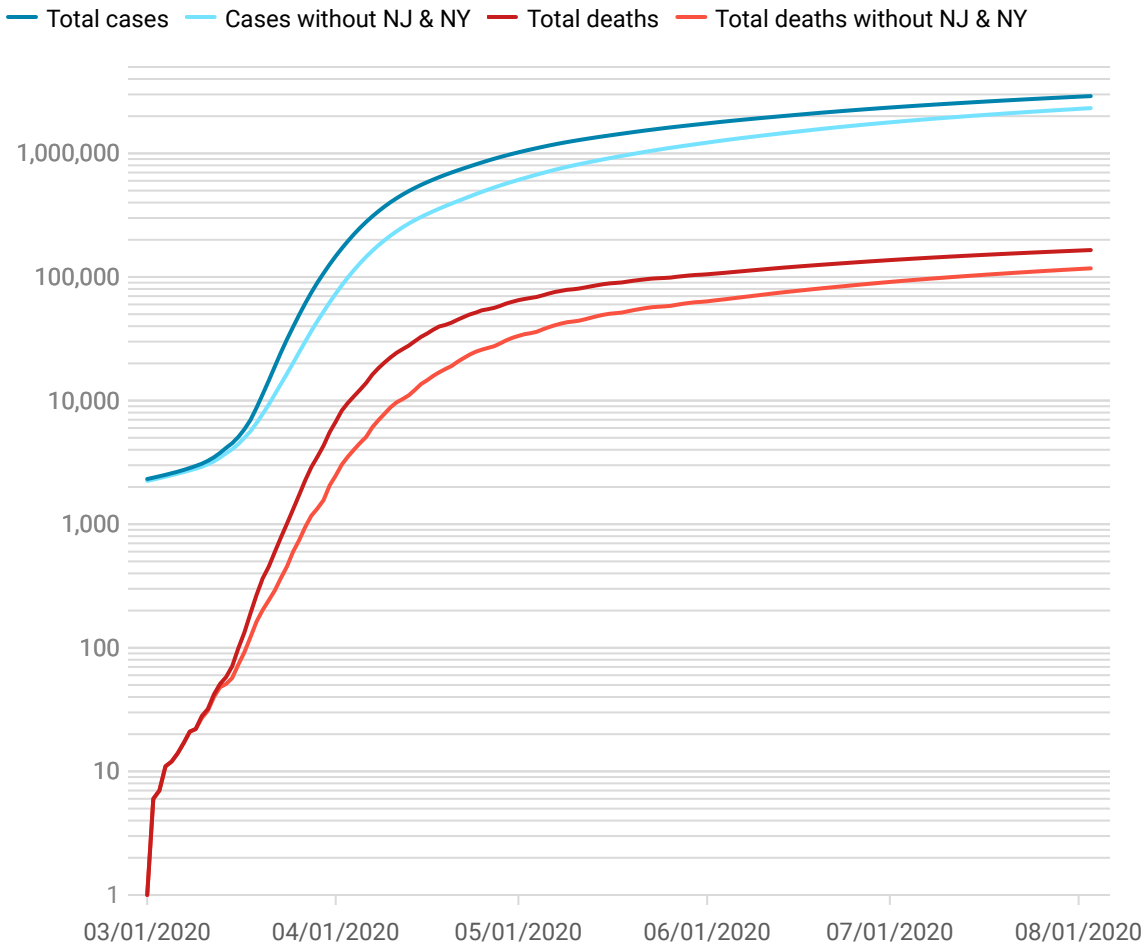
- **Predicted daily deaths on 8/4/2020: 838** (yesterday: 766; ~ 50,000 per 2 months)
- **Predicted daily cases on 8/4/2020: 17,365** (yesterday: 15,800)
- **Total deaths predicted by 8/4/2020: 168,496** (yesterday:165,115 until 8/3)
- **Excluding New York & New Jersey: 121,310** (yesterday: 117,490 until 8/3)

Summary

Today's numbers show a large increase over yesterday, making this the seventh day in a row where numbers increased. One major change today was that Massachusetts has changed from a downward trend to an upward trend in cases. This is an artifact of recent reporting changes: Massachusetts has started to include "probable" COVID-19 cases in the daily reports.

Total projected COVID-19 cases and deaths

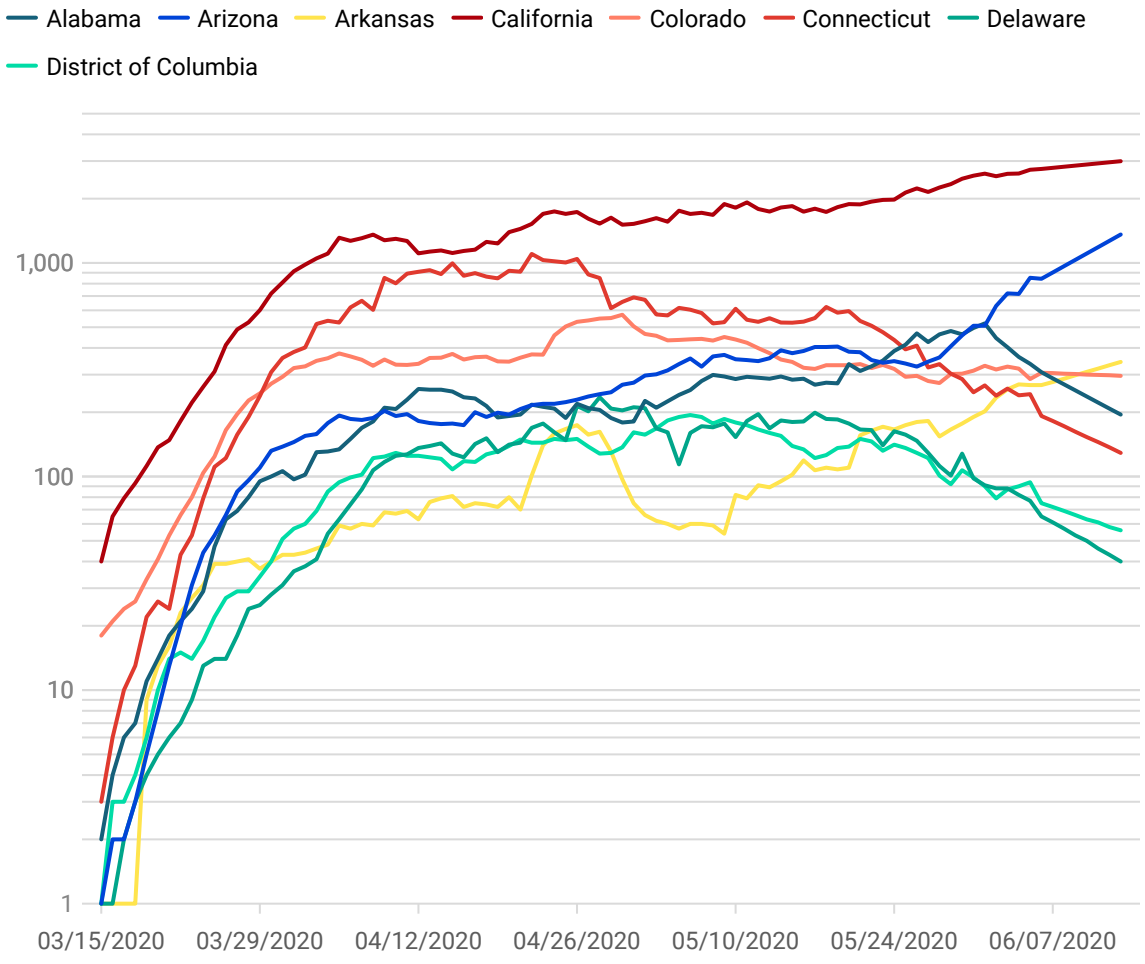
Future growth in cases per day limited to 14 days.



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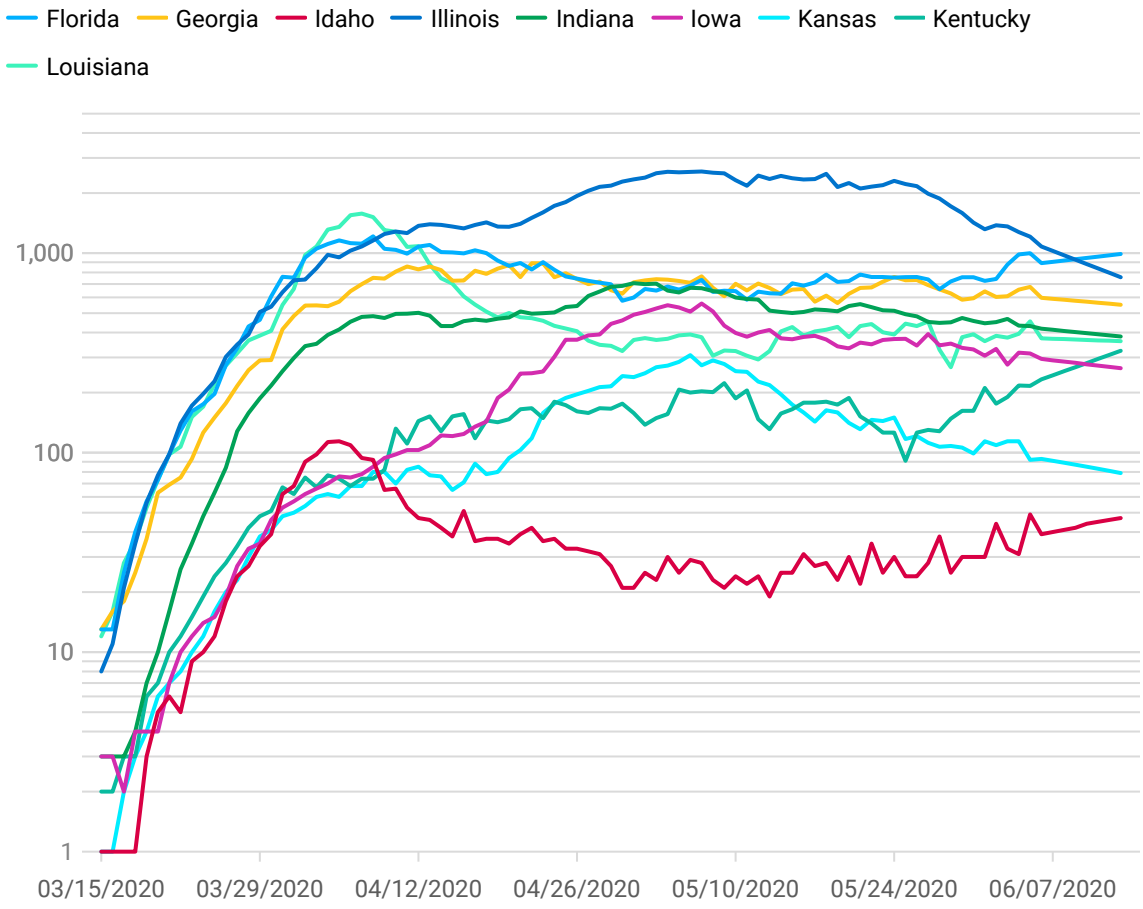
Actual and projected daily COVID-19 cases by state (FL-LA)



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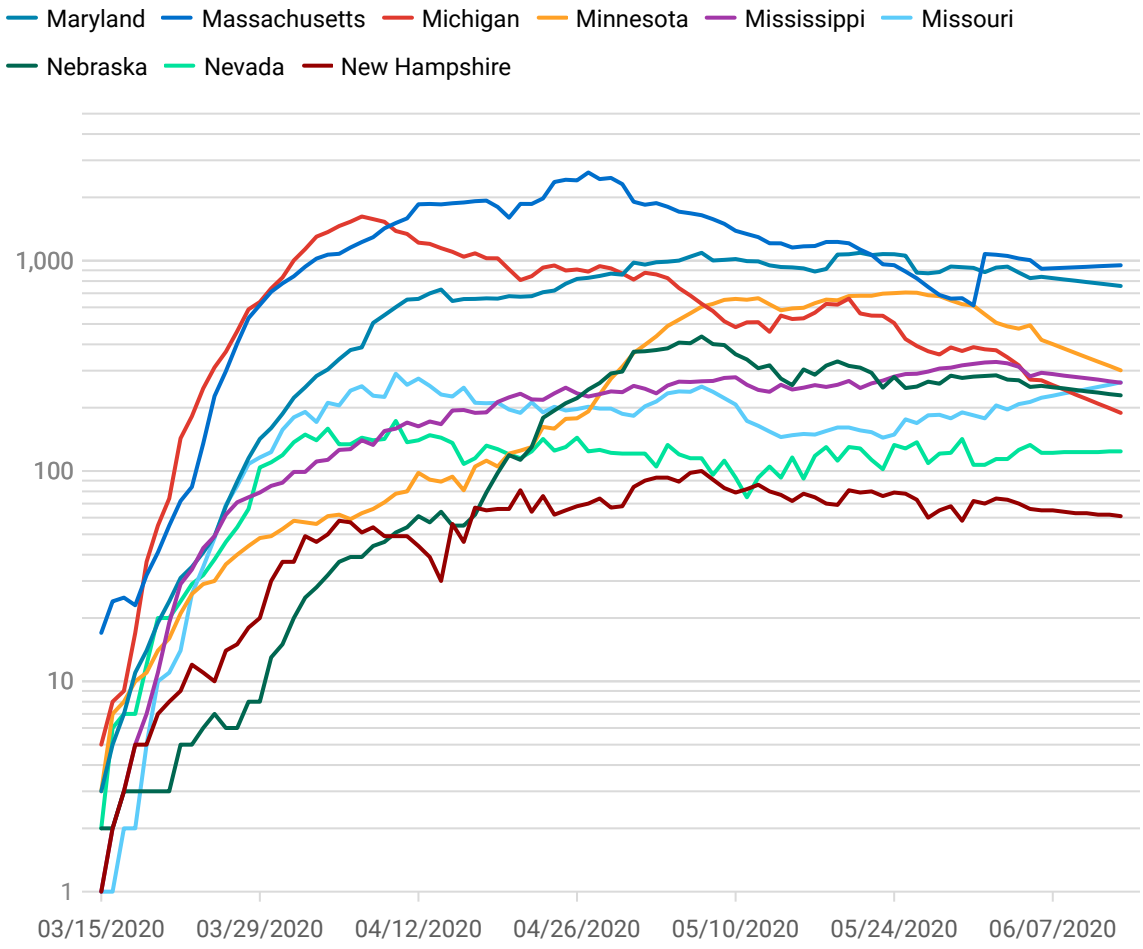
Actual and projected daily COVID-19 cases by state (MD-NH)



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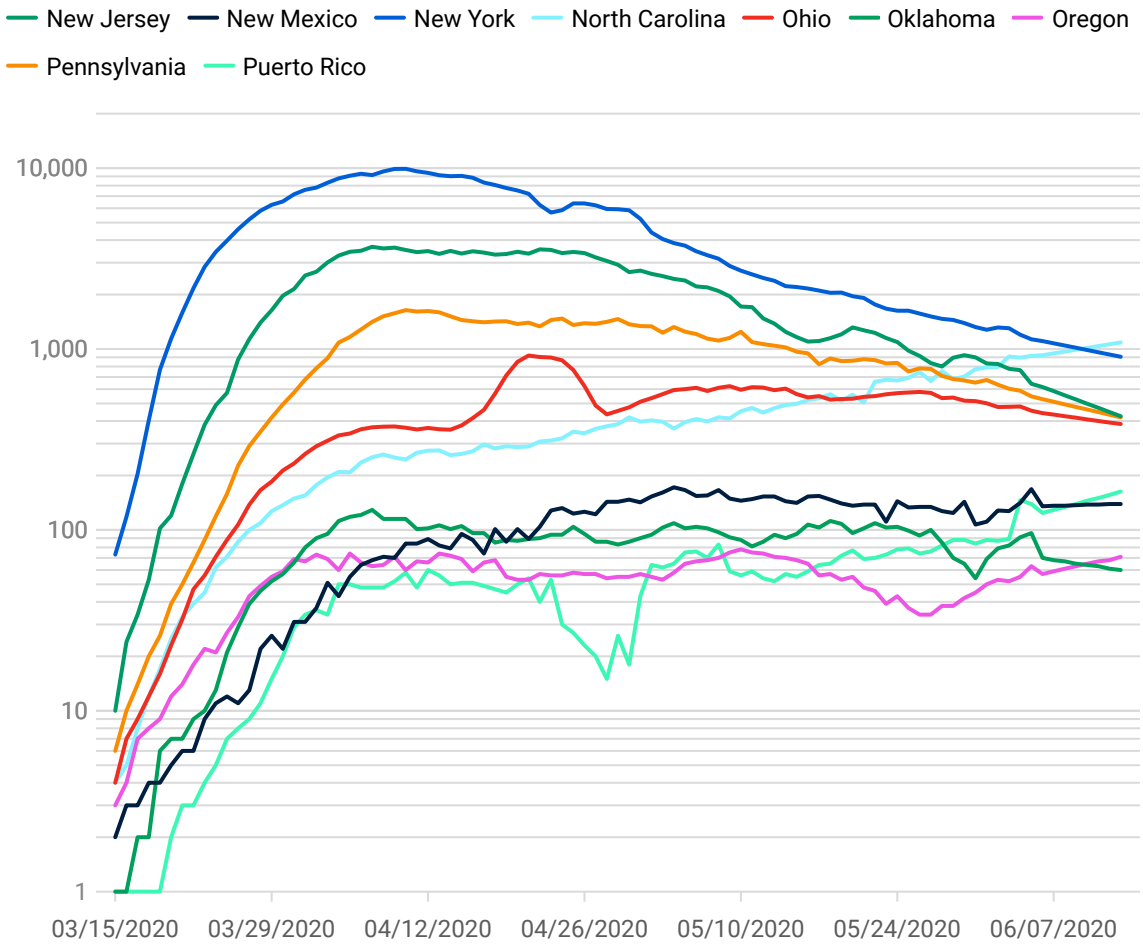
Actual and projected daily COVID-19 cases by state (NM-PR)



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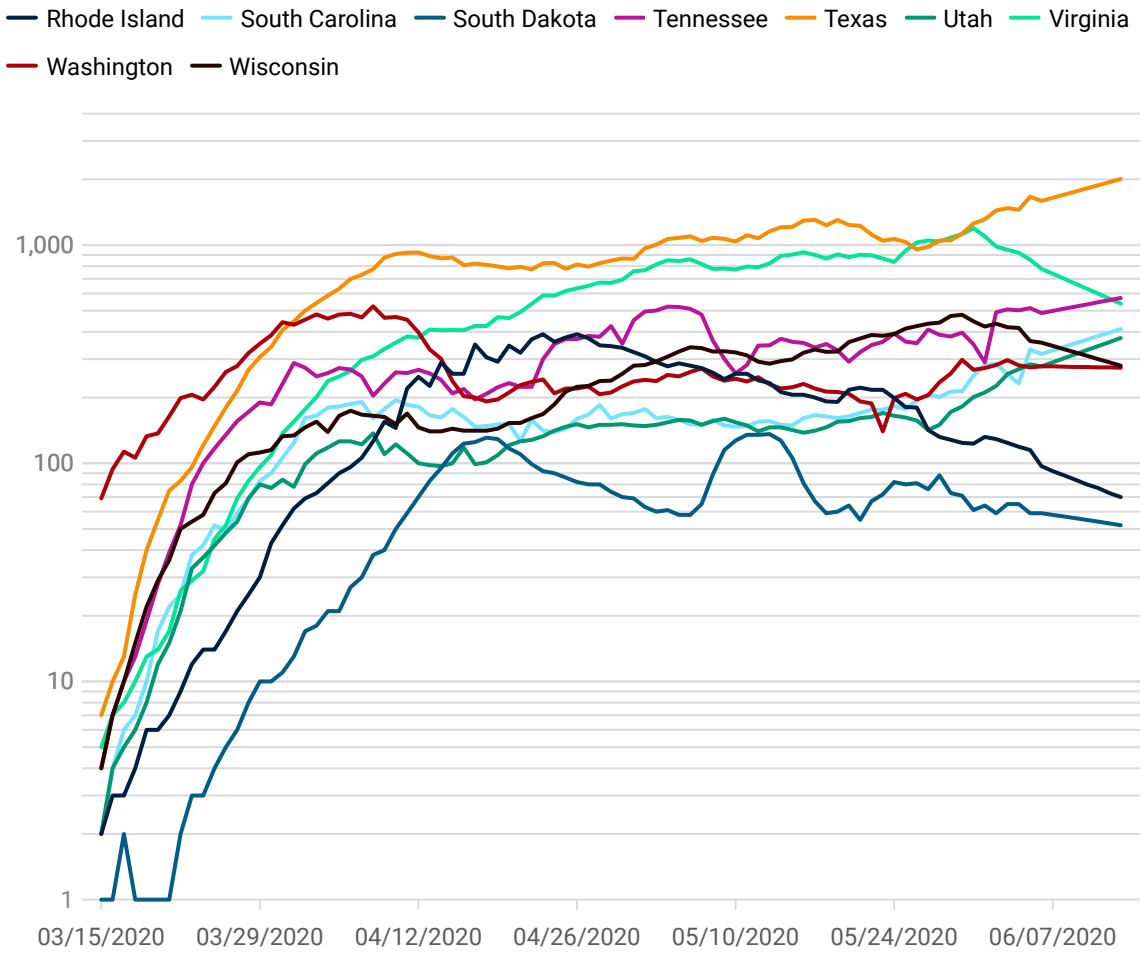
Actual and projected daily COVID-19 cases by state (RI-WI)



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