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.

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 30, 2020 with Johns Hopkins Data from 5/29/2020.

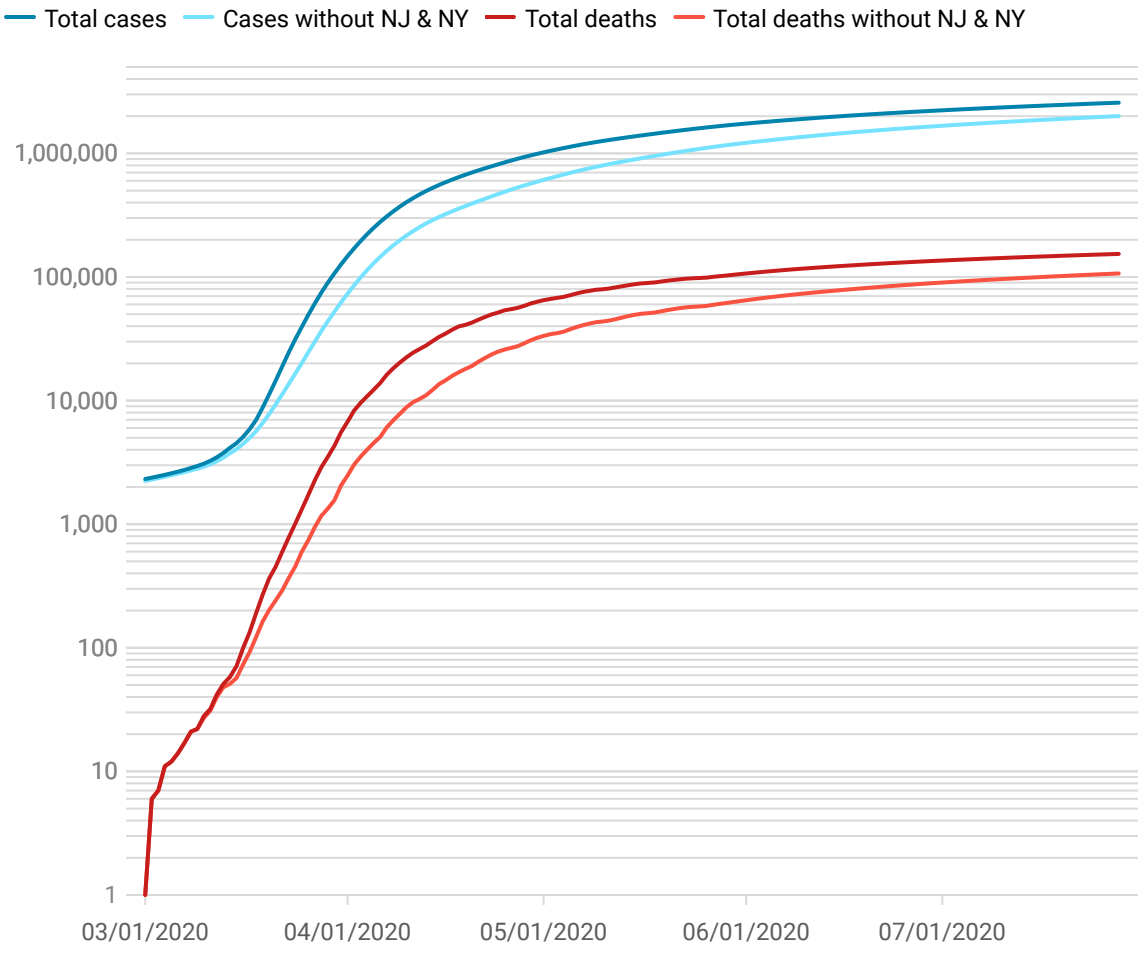
- **Predicted daily deaths on 7/28/2020: 585** (yesterday: 637 ~ 36,000 per 2 months)
- **Predicted daily cases on 7/28/2020: 11,691** (yesterday: 12,450)
- **Total deaths predicted by 7/28/2020: 153,667** (yesterday:154,908 until 7/27)
- **Excluding New York & New Jersey: 106,785** (yesterday: 108,323 until 7/27)

Summary

Today's numbers are lower than yesterday's numbers, making this the fourth day in a row with declining numbers.

Total projected COVID-19 cases and deaths

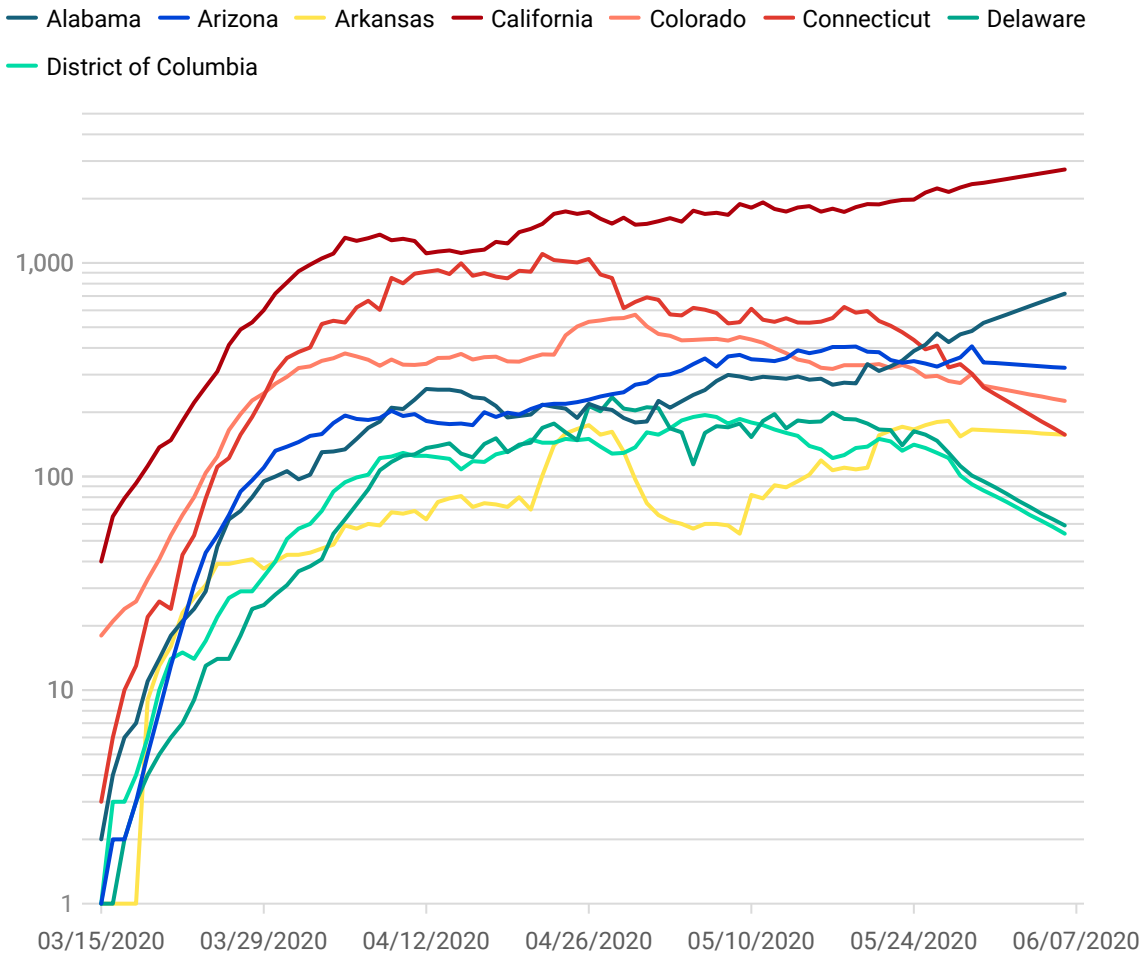
Future growth in cases per day limited to 14 days.



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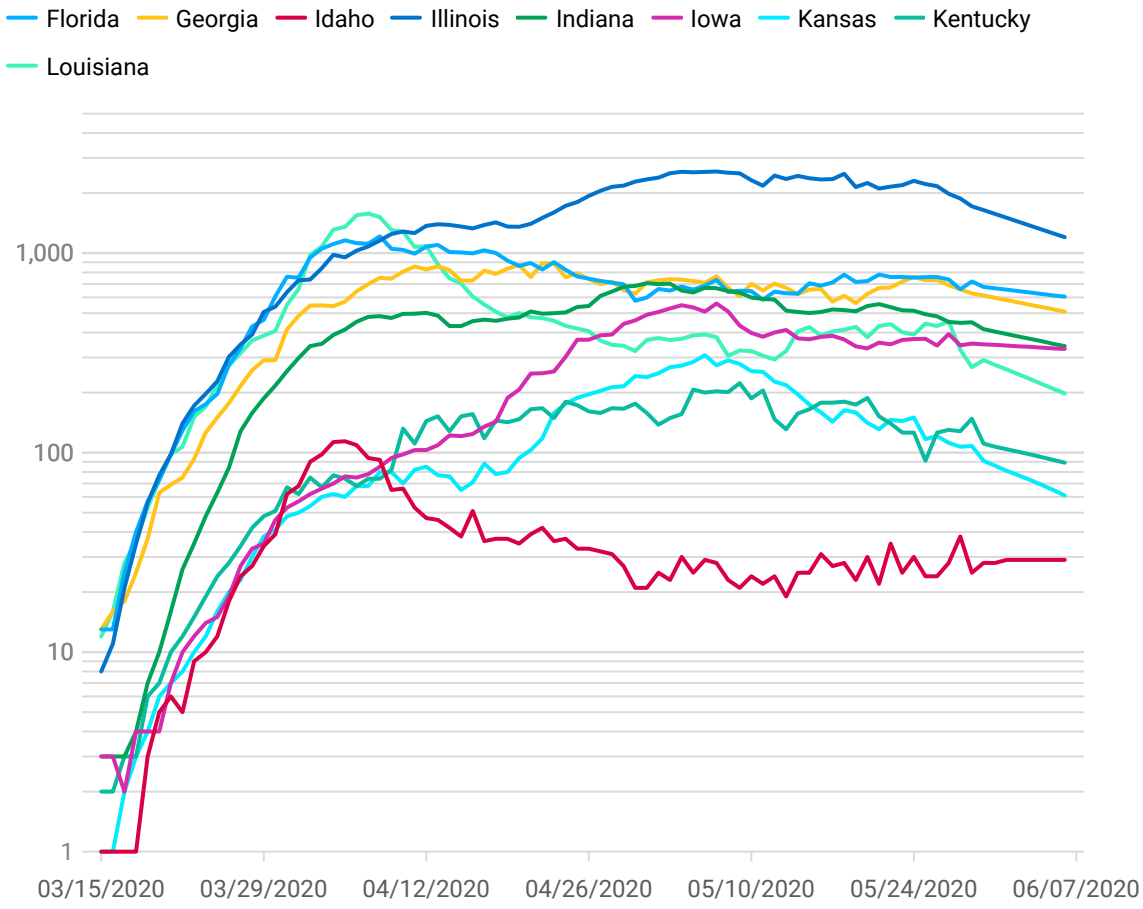
Actual and projected daily COVID-19 cases by state (FL-LA)



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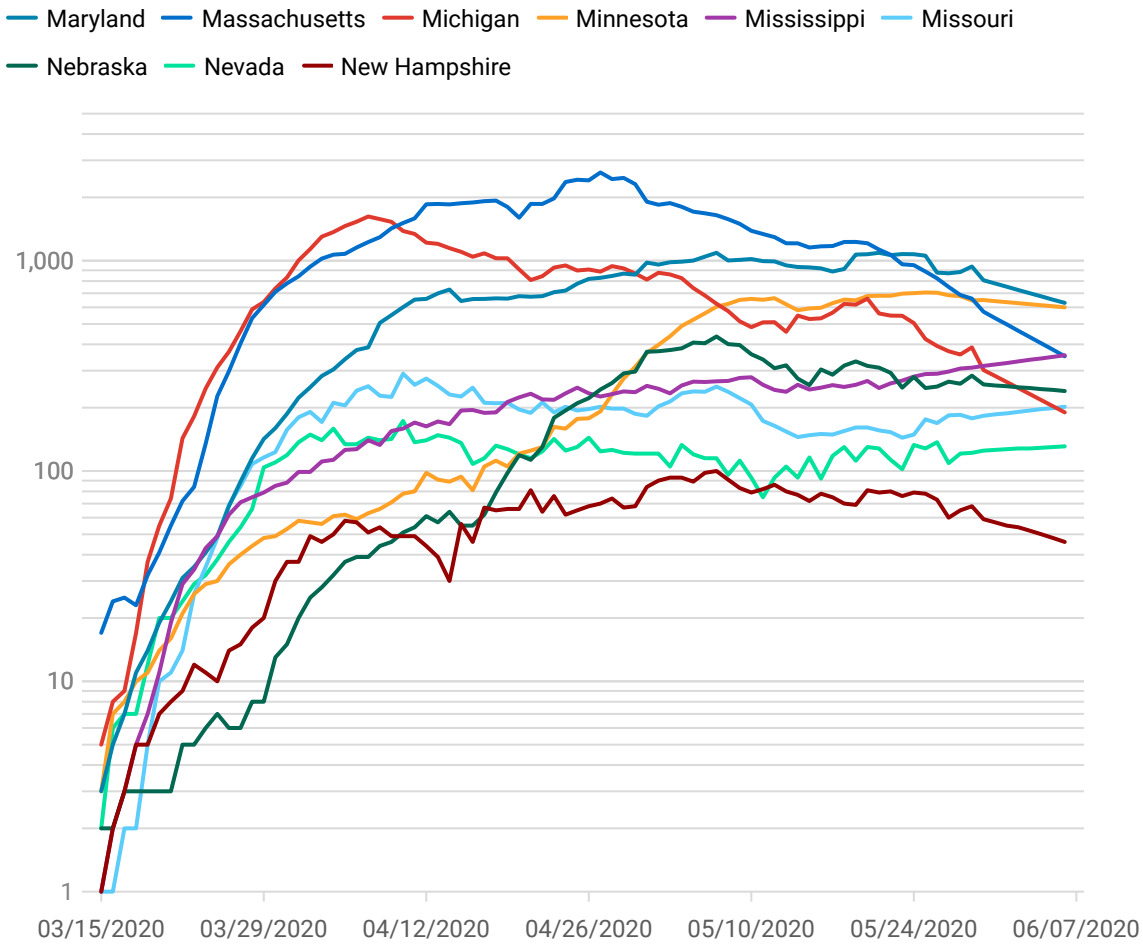
Actual and projected daily COVID-19 cases by state (MD-NH)



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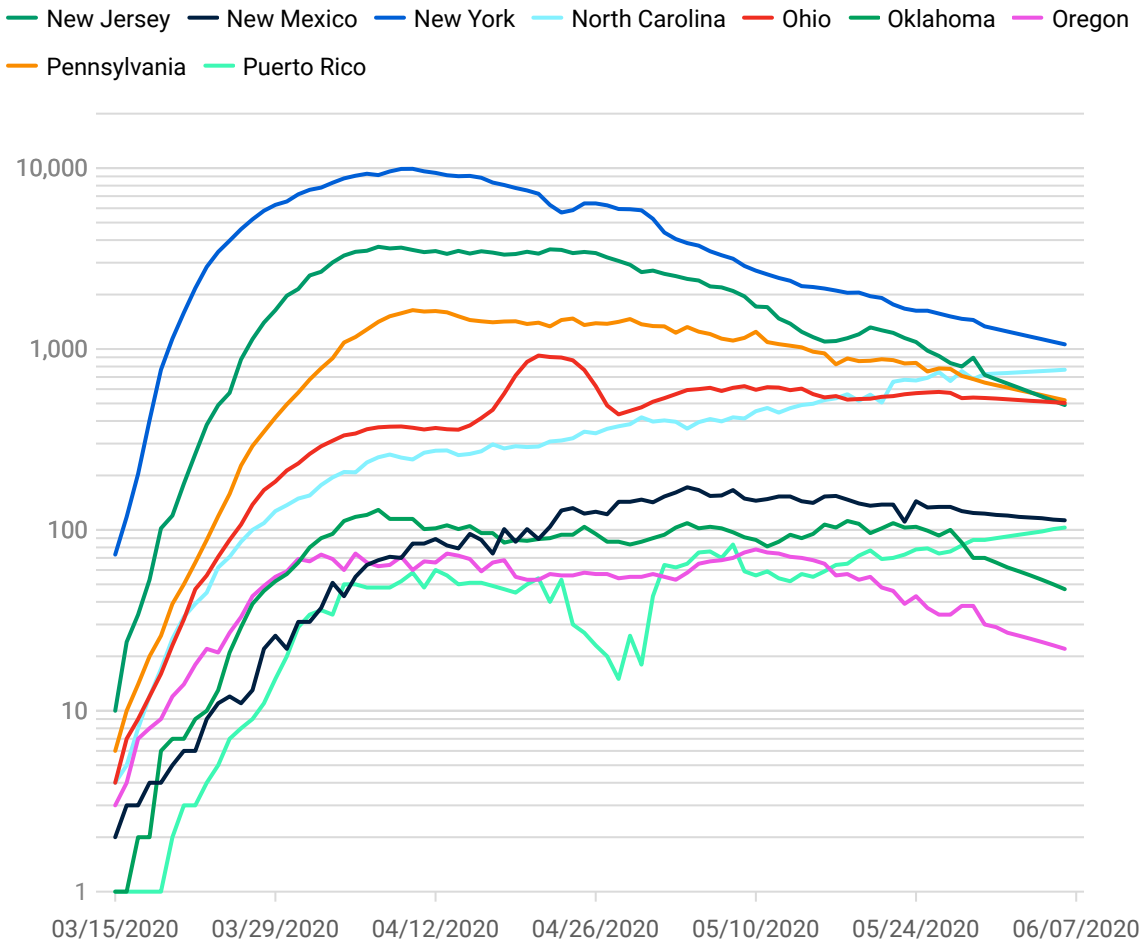
Actual and projected daily COVID-19 cases by state (NM-PR)



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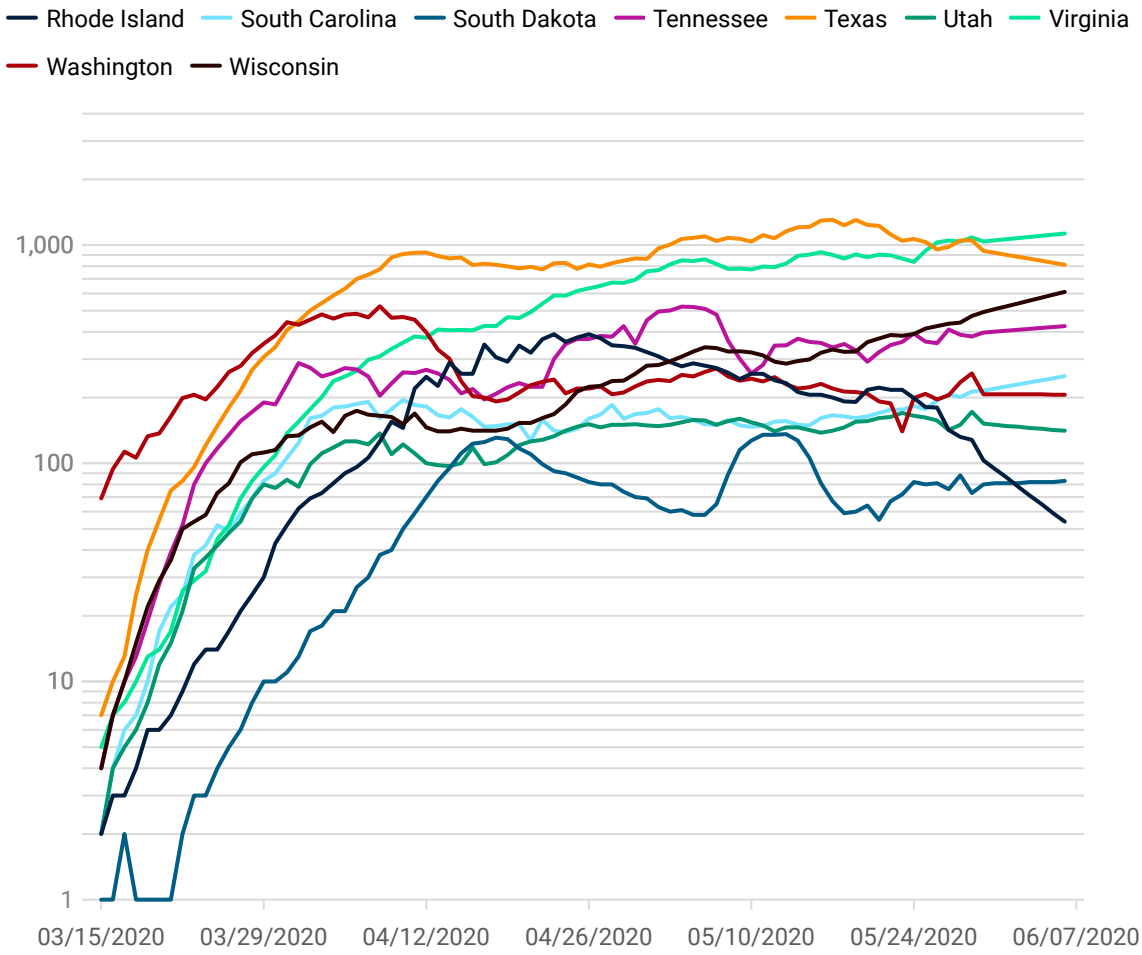
Actual and projected daily COVID-19 cases by state (RI-WI)



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