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 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.

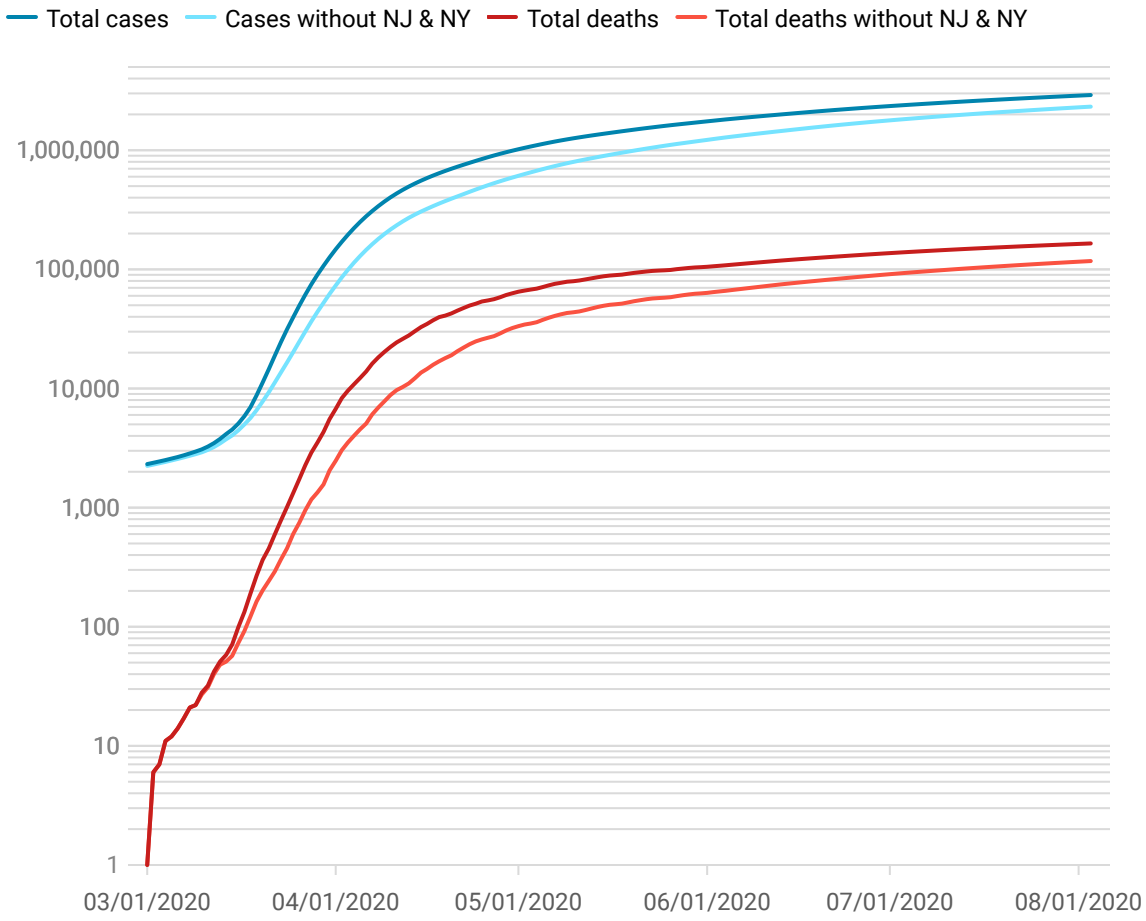
Looking at the predicted cases at the end of this week, the following states have more than 1,000 new COVID-19 cases per day:

- 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

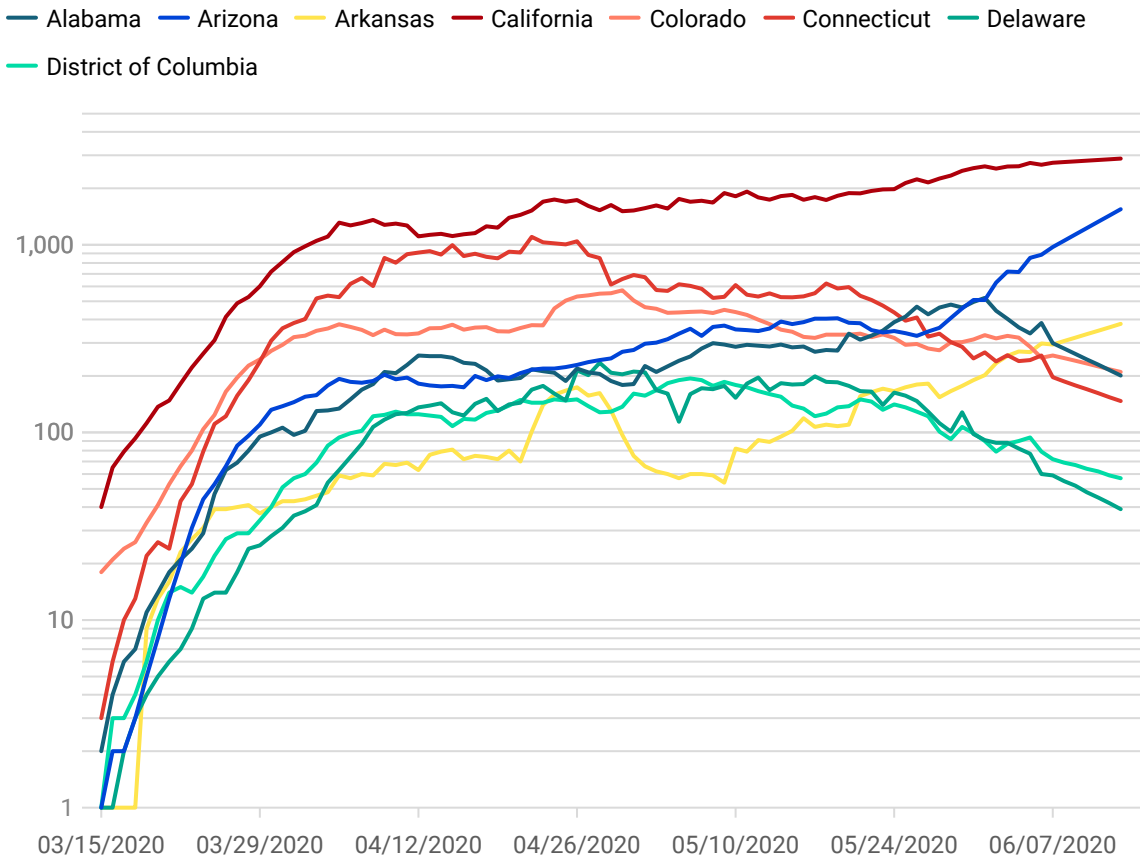
Future growth in cases per day limited to 14 days.



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

Chart: covid19science.blogspot.com • Get the data • Created with Datawrapper

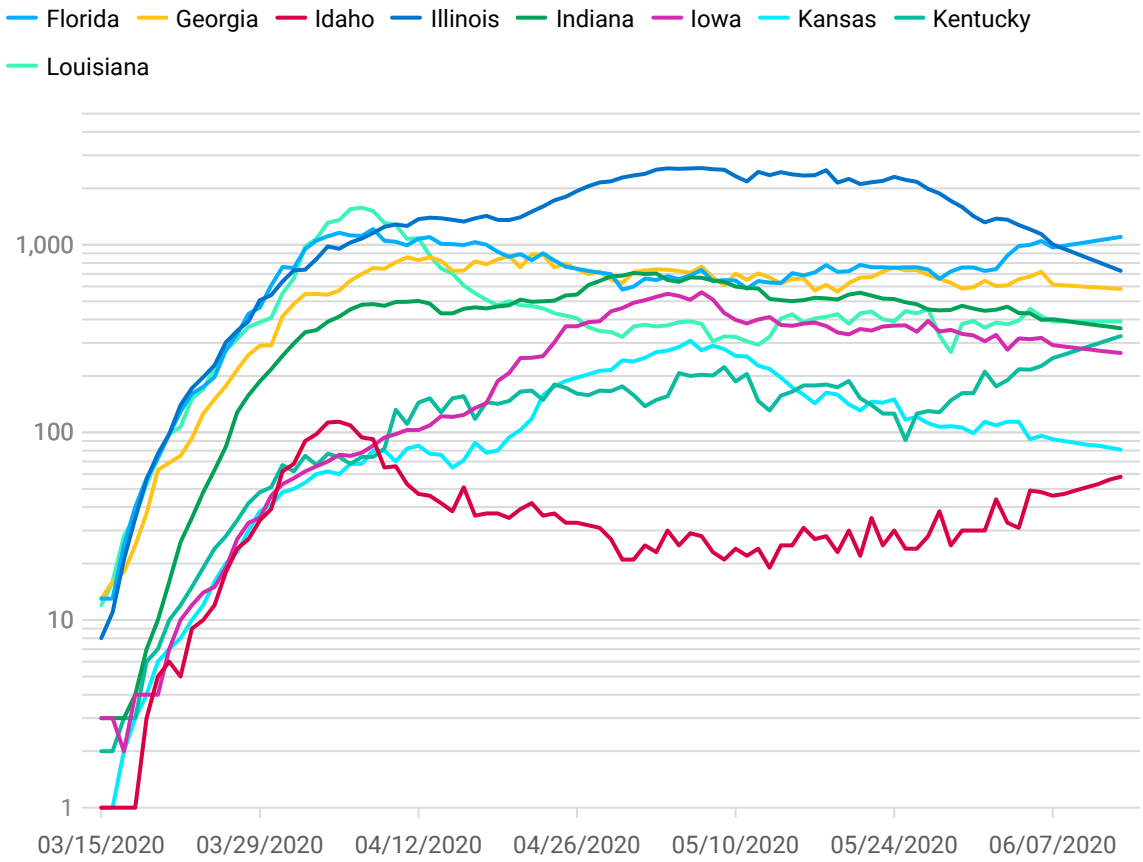
Actual and projected daily COVID-19 cases by state (AL-DC)



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

Chart: covid19science.blogspot.com • Get the data • Created with Datawrapper

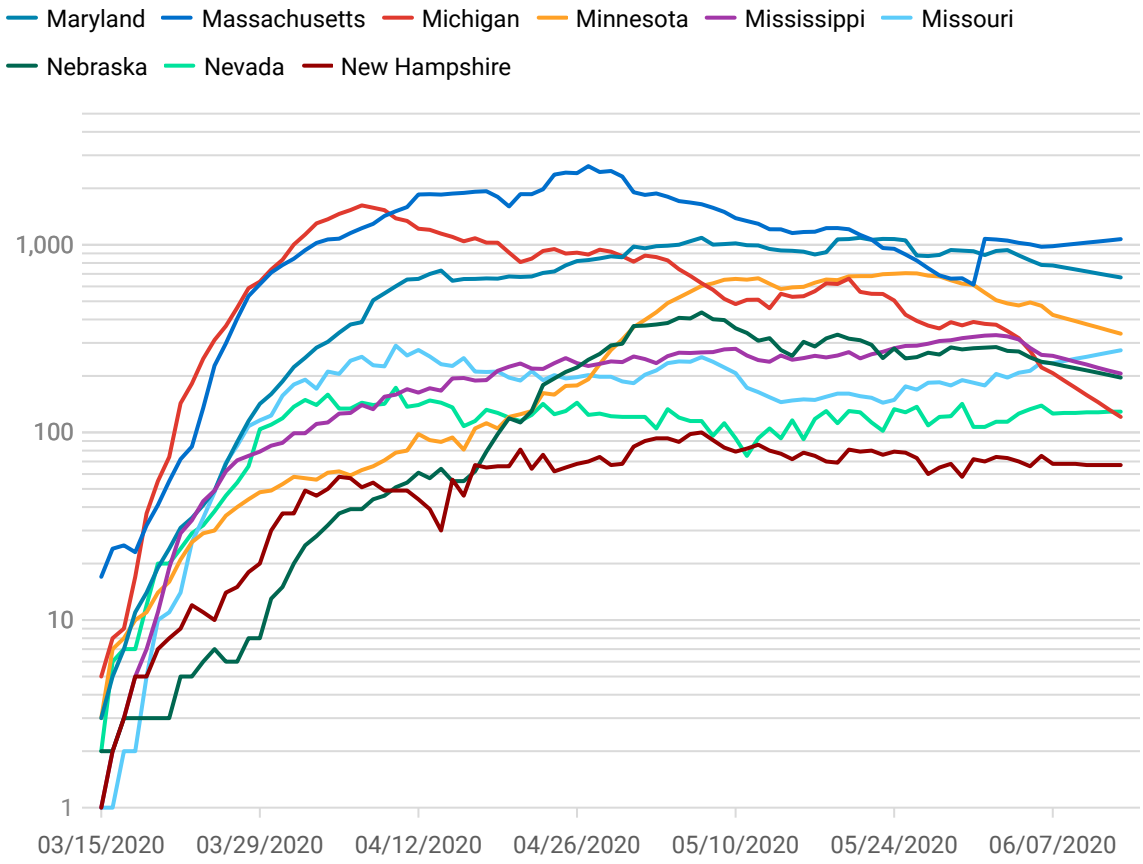
Actual and projected daily COVID-19 cases by state (FL-LA)



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

Chart: covid19science.blogspot.com • Get the data • Created with Datawrapper

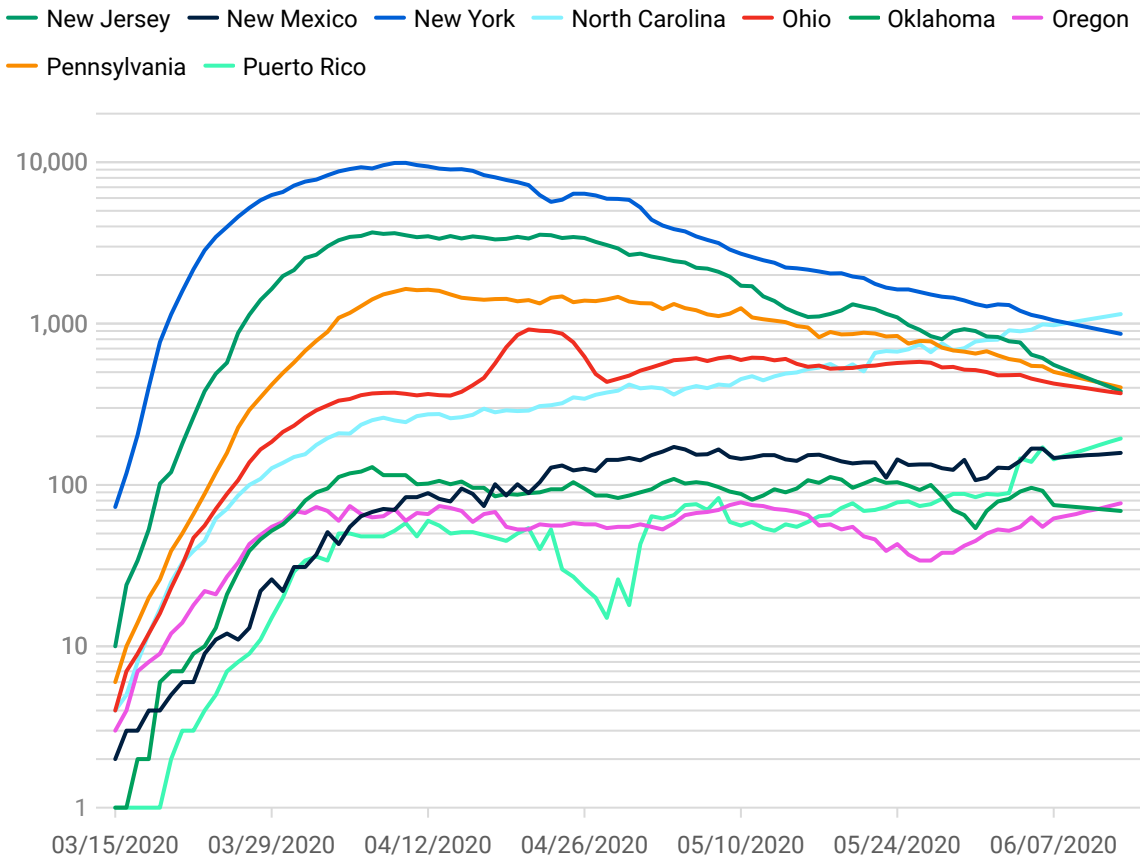
Actual and projected daily COVID-19 cases by state (MD-NH)



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

Chart: covid19science.blogspot.com • Get the data • Created with Datawrapper

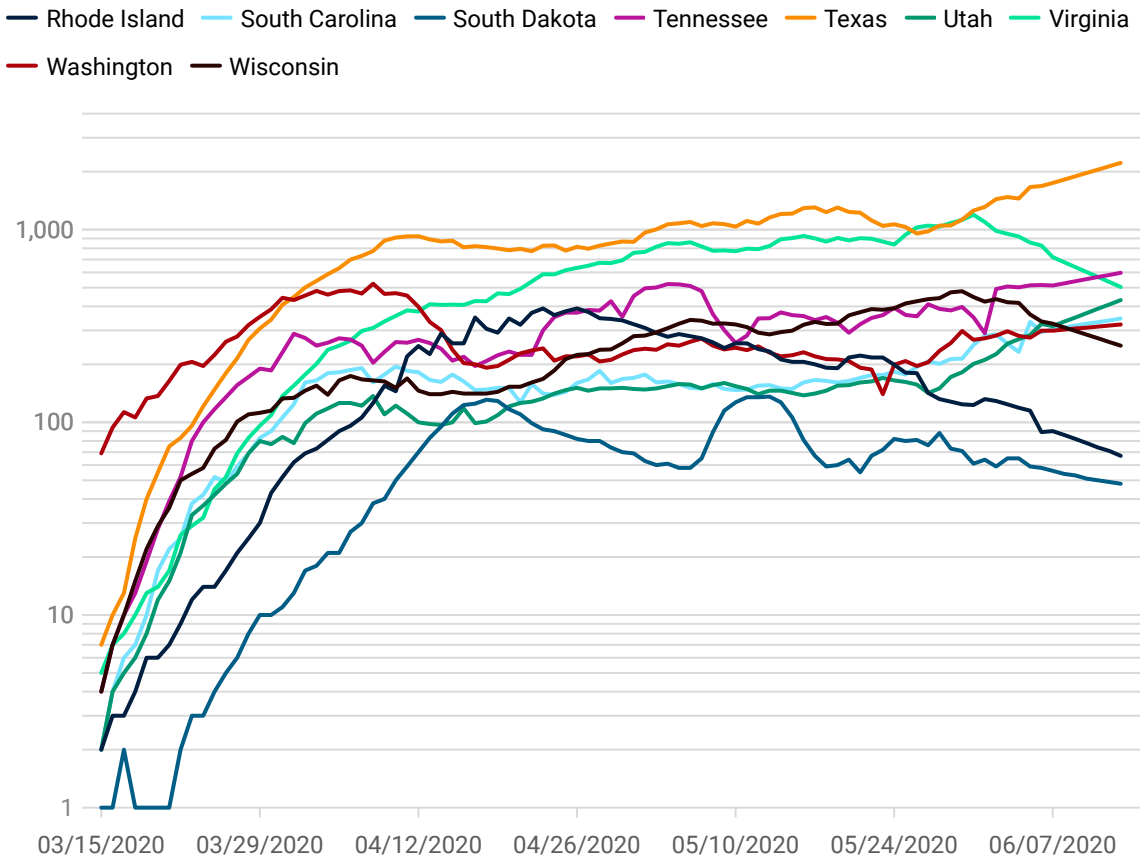
Actual and projected daily COVID-19 cases by state (NM-PR)



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 (RI-WI)



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

Chart: covid19science.blogspot.com • Get the data • Created with Datawrapper

Home

Subscribe to: Posts (Atom)

Simple theme. Powered by Blogger.