

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.

Last model run

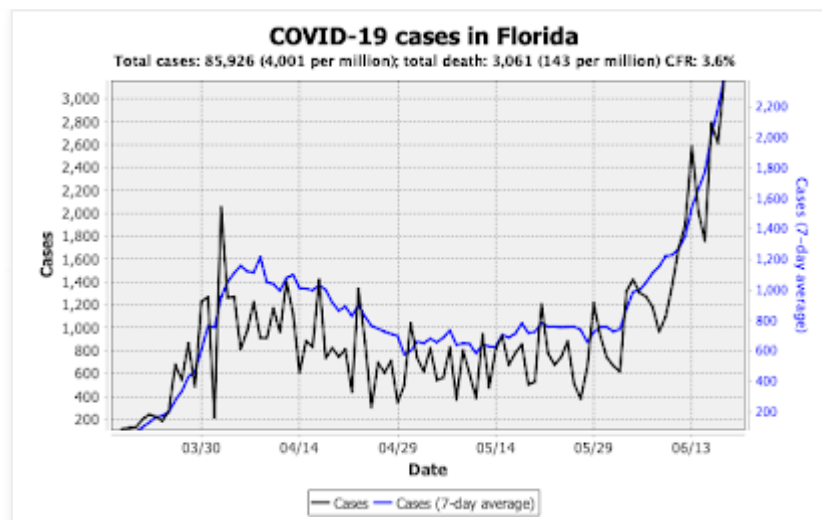
June 19, 2020 with Johns Hopkins Data from 6/18/2020.

- **Predicted daily deaths on 8/17/2020: 1,190** (yesterday: 1,121; ~ 72,000 per 2 months)
- **Predicted daily cases on 8/17/2020: 28,914** (yesterday: 27,334)
- **Total deaths predicted by 8/17/2020: 189,275** (yesterday: 185,241 until 8/16)
- **Excluding New York & New Jersey: 143,129** (yesterday: 139,203 until 8/16)

Summary

Today's numbers are again higher than yesterday. Compared to 6 days ago, the number of daily cases at the end of the forecast period has increased by about 50%, from 19,170 to 28, 914.

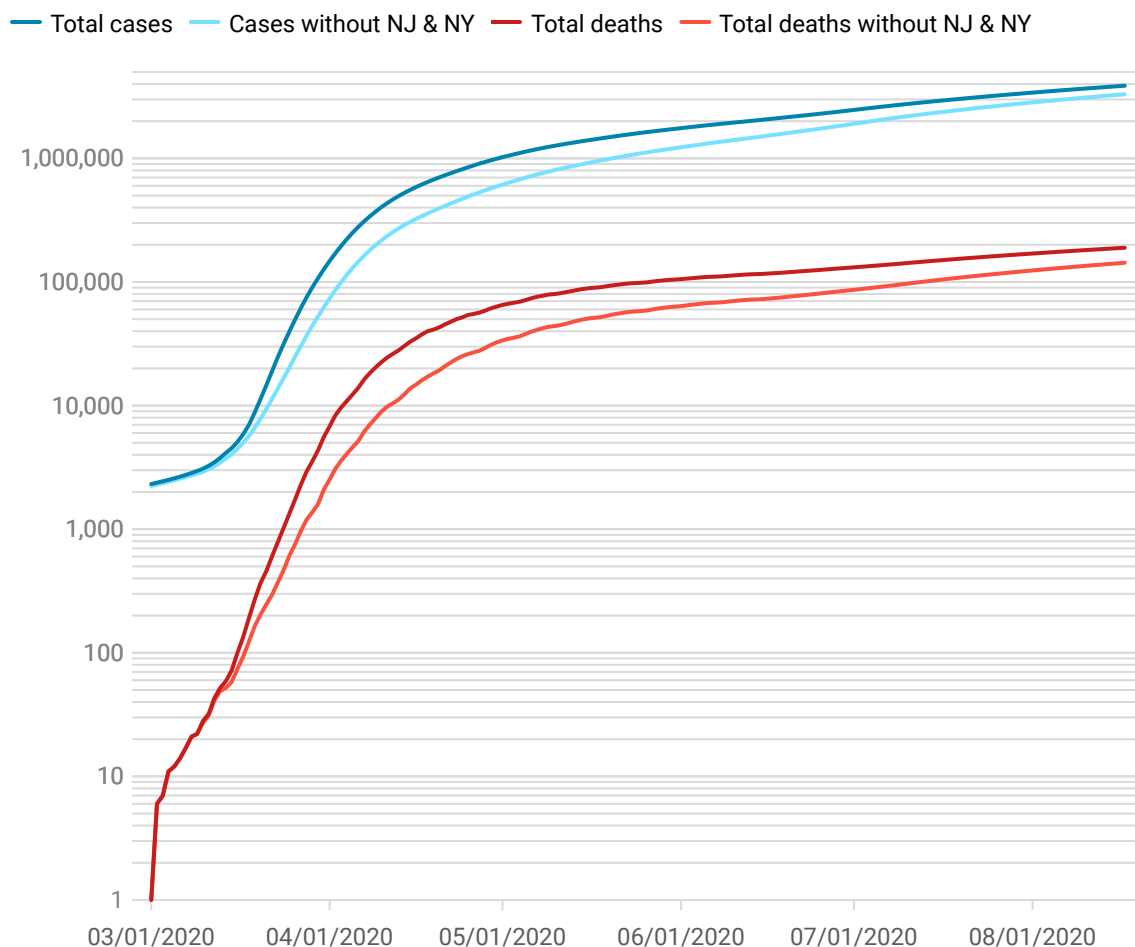
In response to rising case numbers, several states and cities have issued stronger recommendations or mandates about face mask use; there is strong evidence that face mask use can significantly reduce COVID-19 transmissions. However, the list does not include Florida, which reported a record number of new cases yesterday, and appears to have exponential growth of new cases in the last 3 weeks:



However, the mayor of Orange County in Florida, which includes Orlando, issued a mandatory mask use order for the county. A similar order that had been issued by the county's Health Officer was in effect until June 11, but was met with strong protests, including death threats against the Health Officer who resigned in response. The new order does not include any enforcement or penalty clauses, so it remains to be seen how many people will ignore it. According to Florida's COVID-19 dashboard, Orange County has less than 5% of the total COVID-19 cases in Florida (3,900 of 85,926).

Total projected COVID-19 cases and deaths

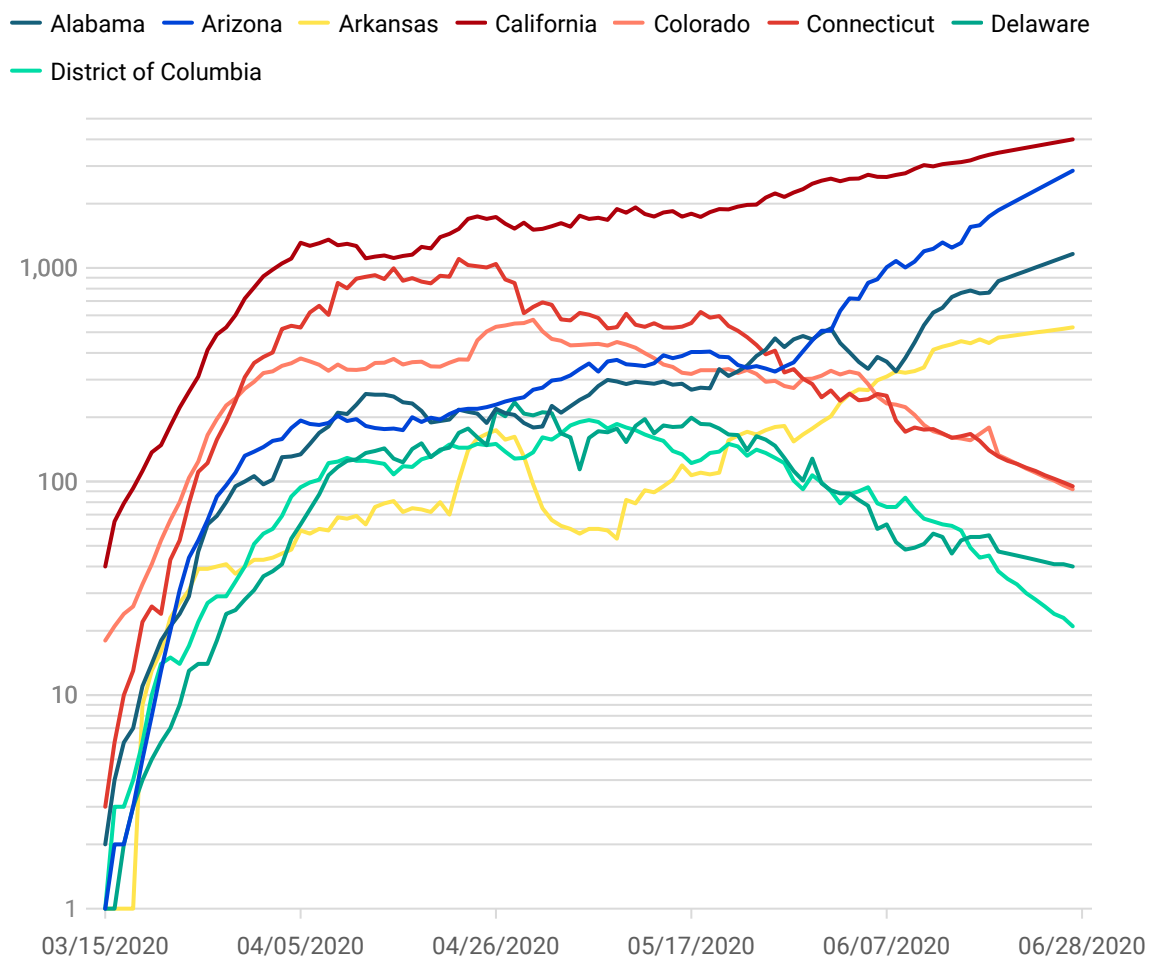
Future growth in cases per day limited to 14 days.



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)

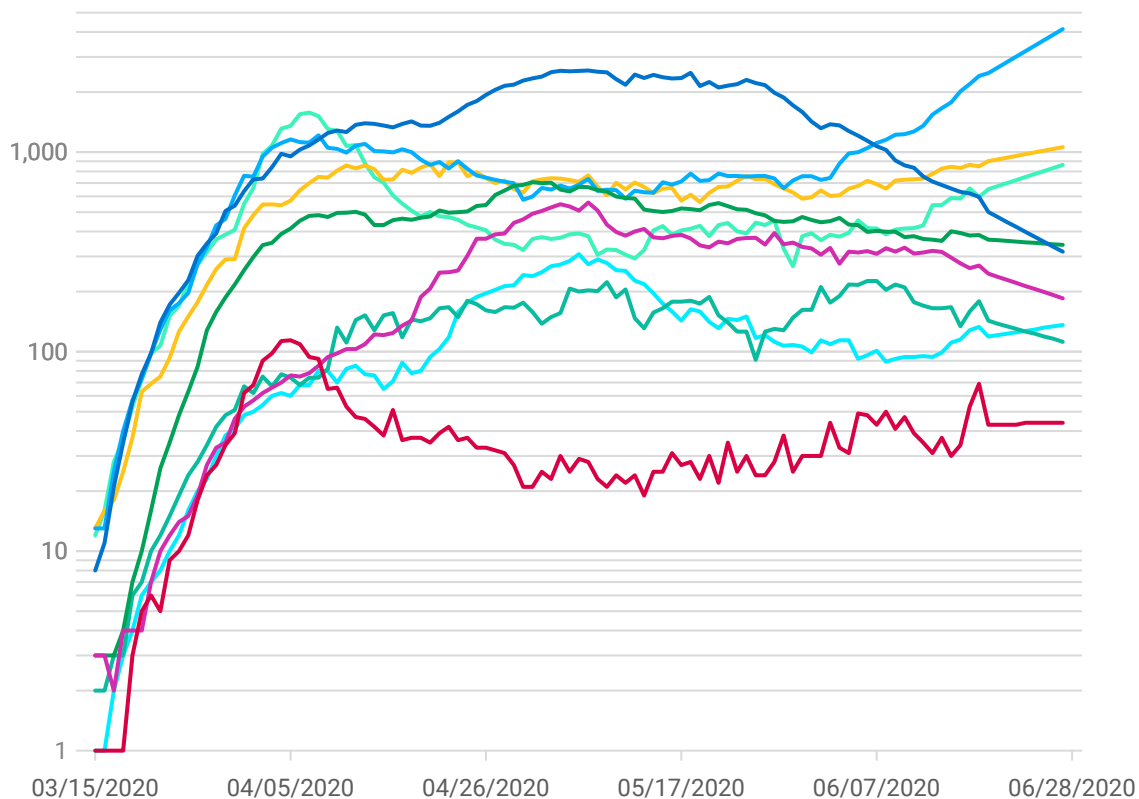


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

Chart: covid19science.blogspot.com • [Get the data](#) • Created with [Datawrapper](#)

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

Florida Georgia Idaho Illinois Indiana Iowa Kansas Kentucky
Louisiana

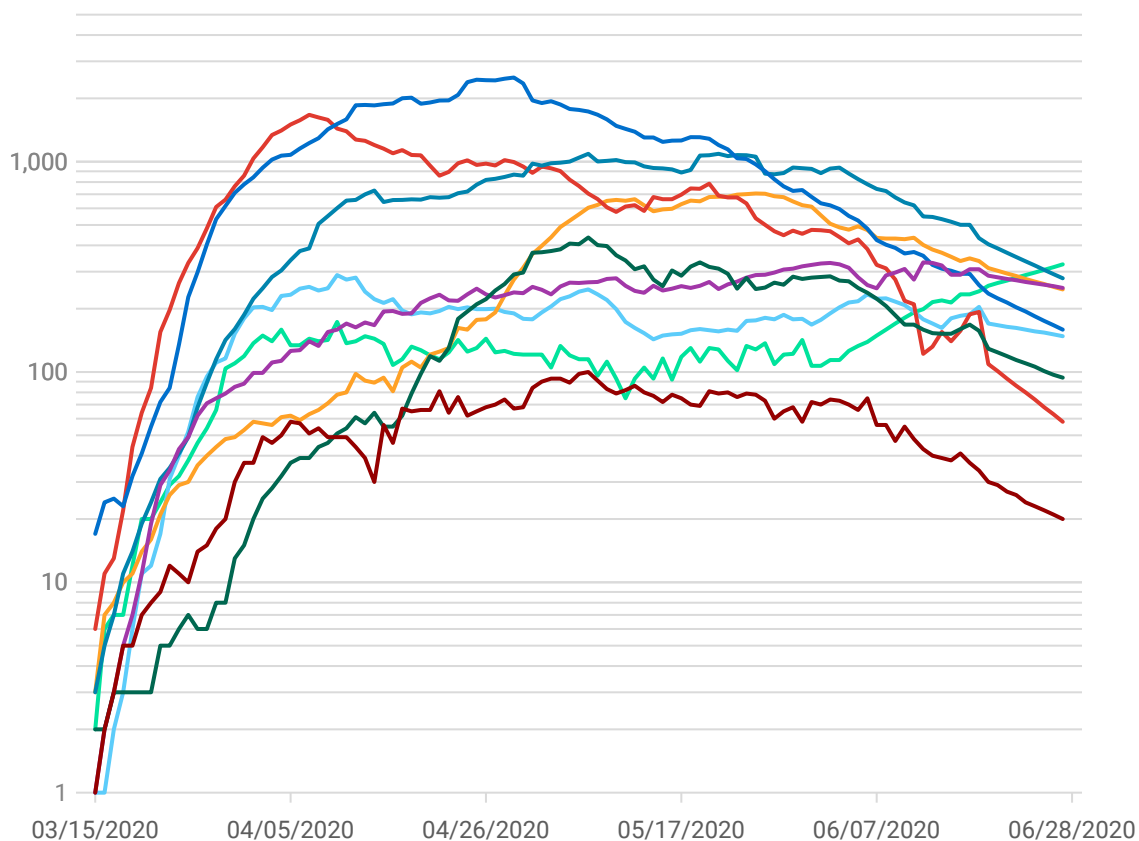


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

Chart: covid19science.blogspot.com • [Get the data](#) • Created with [Datawrapper](#)

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

— Maryland — Massachusetts — Michigan — Minnesota — Mississippi — Missouri — Nebraska — Nevada — New Hampshire

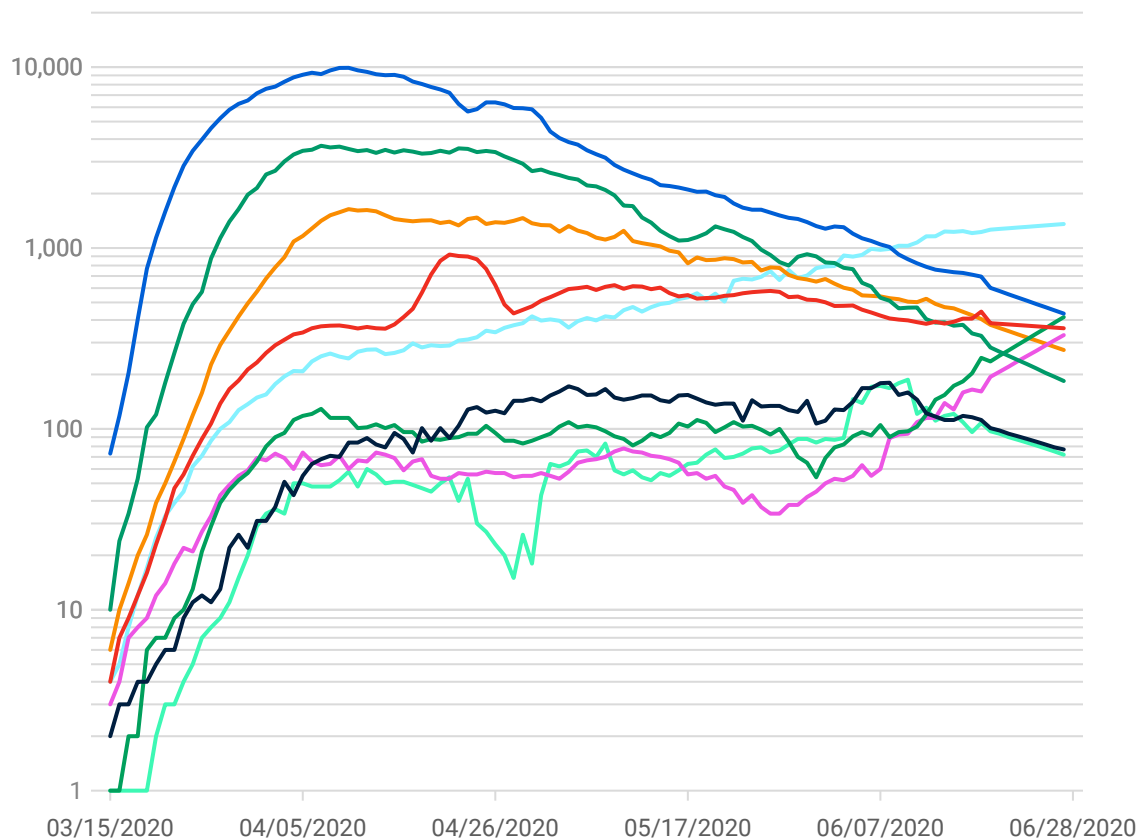


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

Chart: covid19science.blogspot.com • [Get the data](#) • Created with [Datawrapper](#)

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

New Jersey New Mexico New York North Carolina Ohio Oklahoma Oregon
Pennsylvania Puerto Rico

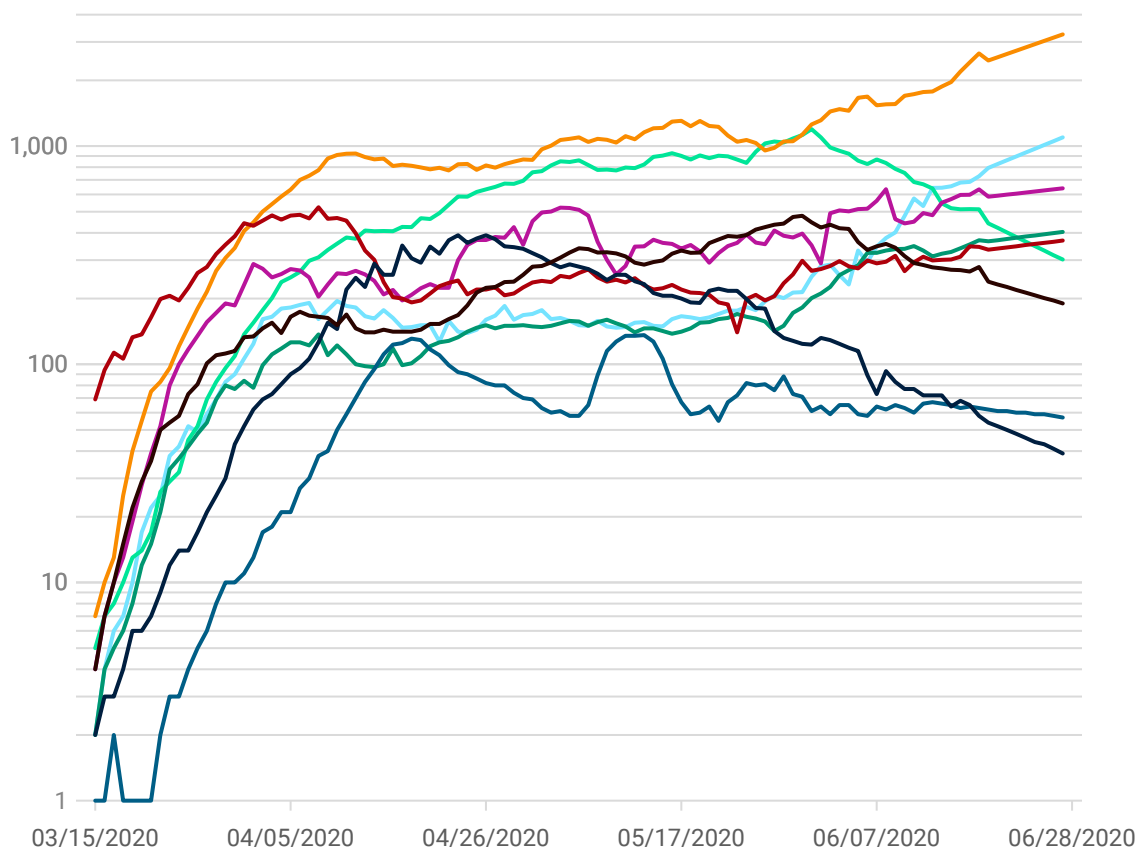


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

Chart: covid19science.blogspot.com • [Get the data](#) • Created with [Datawrapper](#)

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

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



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.

