

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 4, 2020 with Johns Hopkins Data from 6/3/2020.

- **Predicted daily deaths on 8/2/2020: 732** (yesterday: 712; ~ 44,000 per 2 months)
- **Predicted daily cases on 8/2/2020: 15,208** (yesterday: 14,899)
- **Total deaths predicted by 8/2/2020: 162,936** (yesterday: 160,695 until 8/1)
- **Excluding New York & New Jersey: 115,564** (yesterday: 113,485 until 8/1)

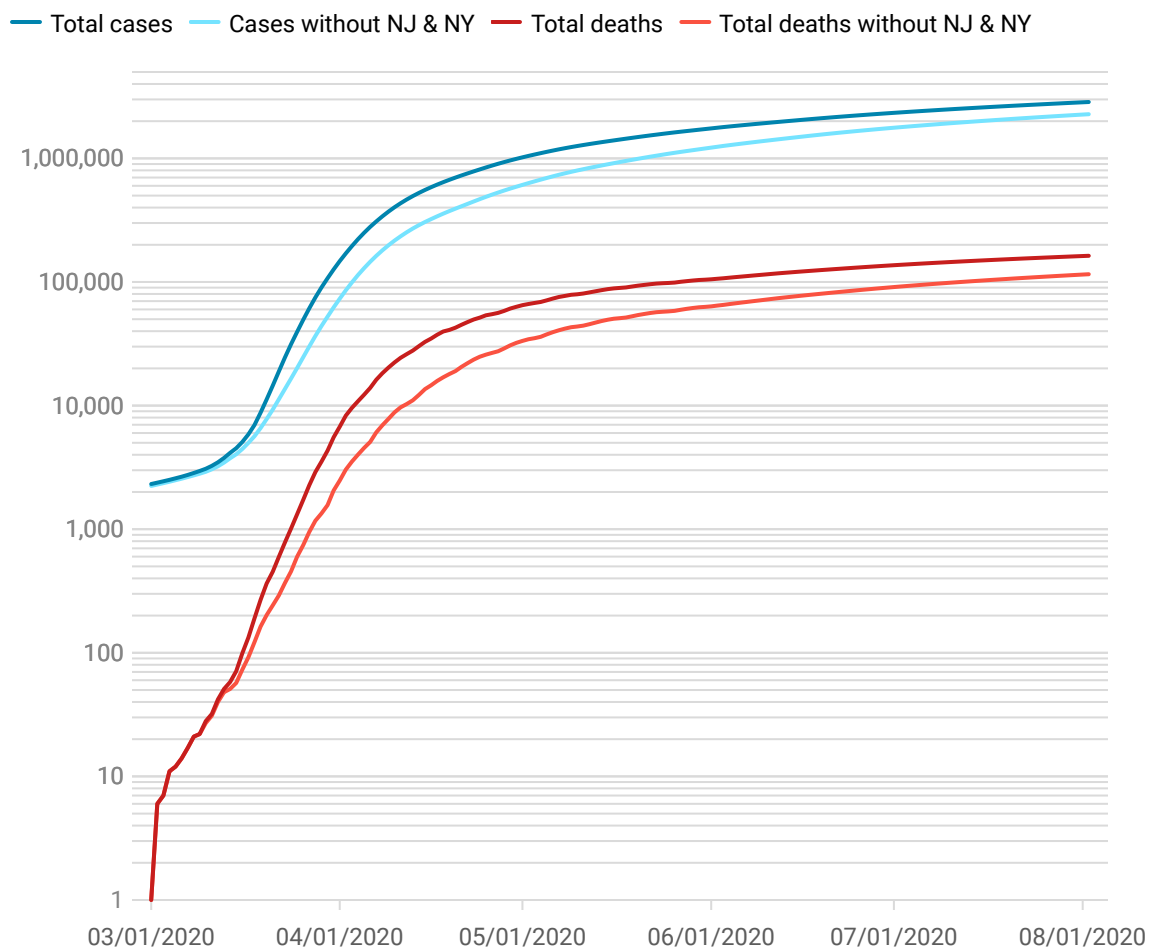
### Summary

Today's numbers are higher than yesterday, making this the fifth day in a row where numbers increased. A total of 16 states and territories shown in the graphs below now have a predicted increase in case numbers.

In view of state "re-openings" and nationwide protests, it is likely that the predictions shown above are overly optimistic. Predictions that use only the current 7-day trend instead of using the 15-day trend if it is lower, and allow the predictions to grow for 28 days instead of 14 days, predict 321,658 total COVID-19 deaths and 5,959 deaths per day for 8/2/2020. While these numbers are probably too high, they do show what would happen if the current increase in cases in many states would continue unchecked for a month.

## Total projected COVID-19 cases and deaths

Future growth in cases per day limited to 14 days.

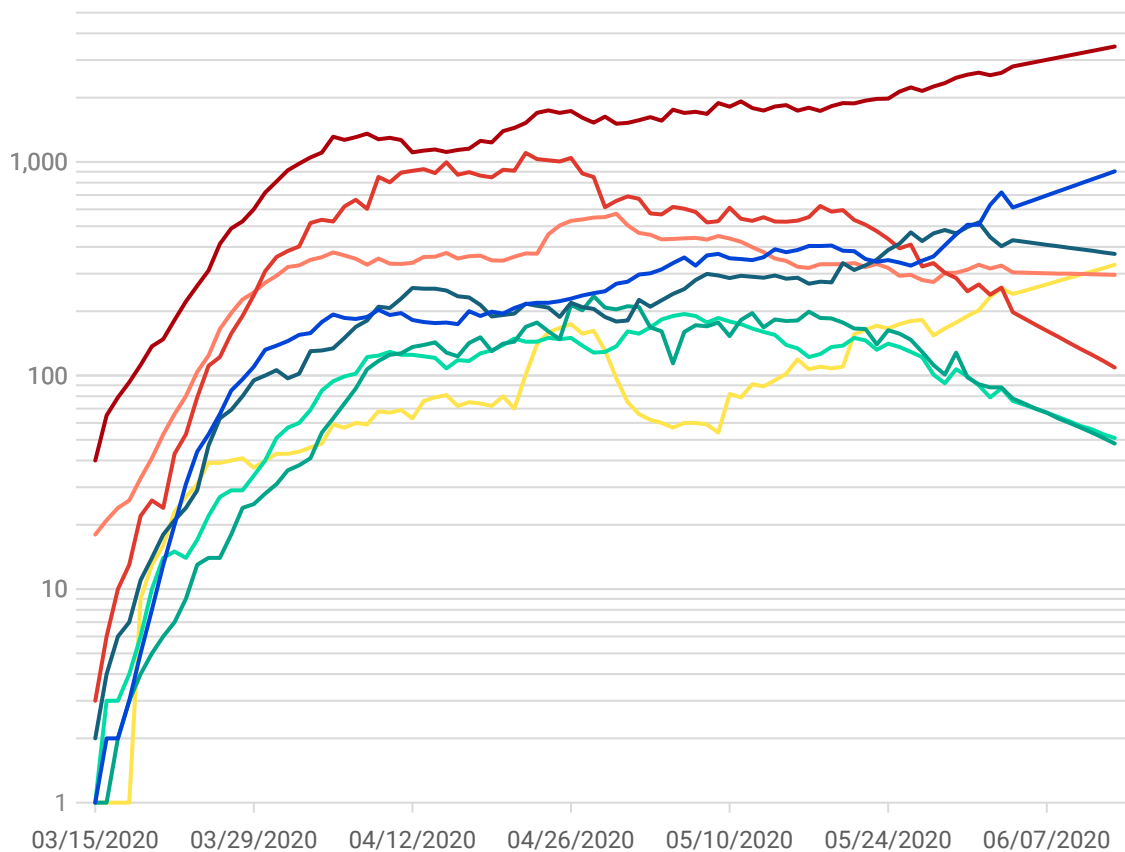


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

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

Alabama Arizona Arkansas California Colorado Connecticut Delaware  
District of Columbia

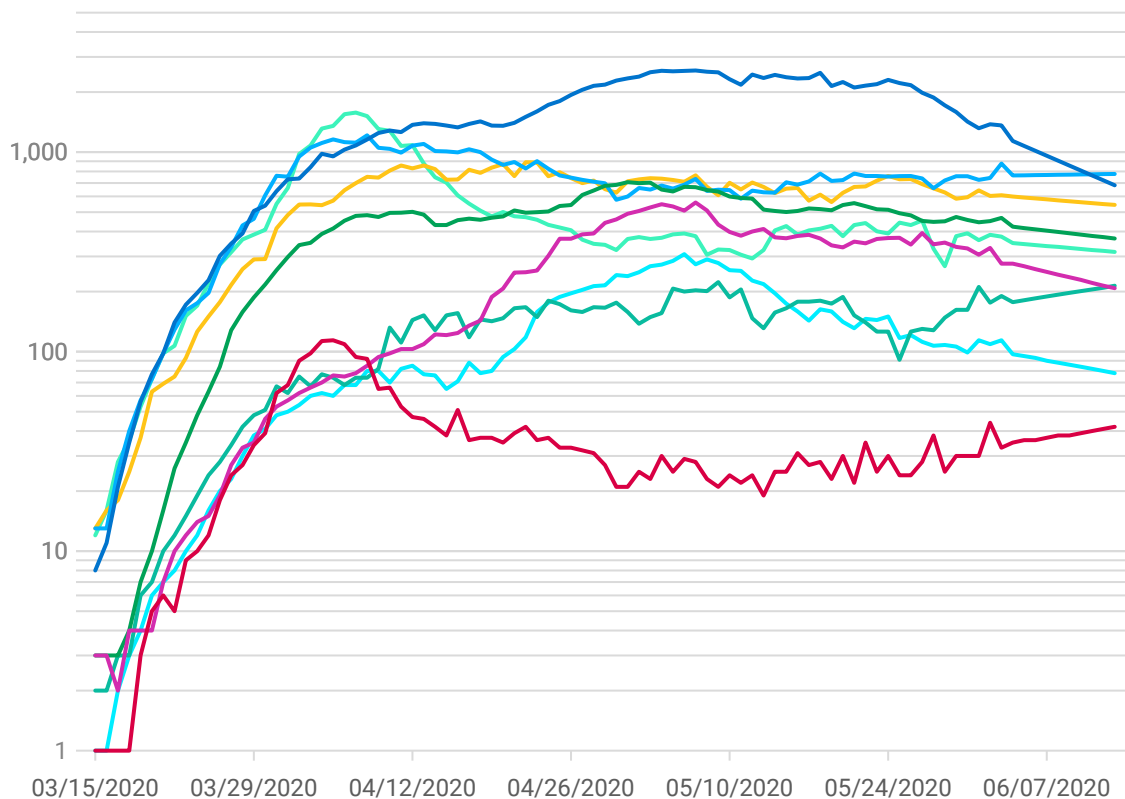


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

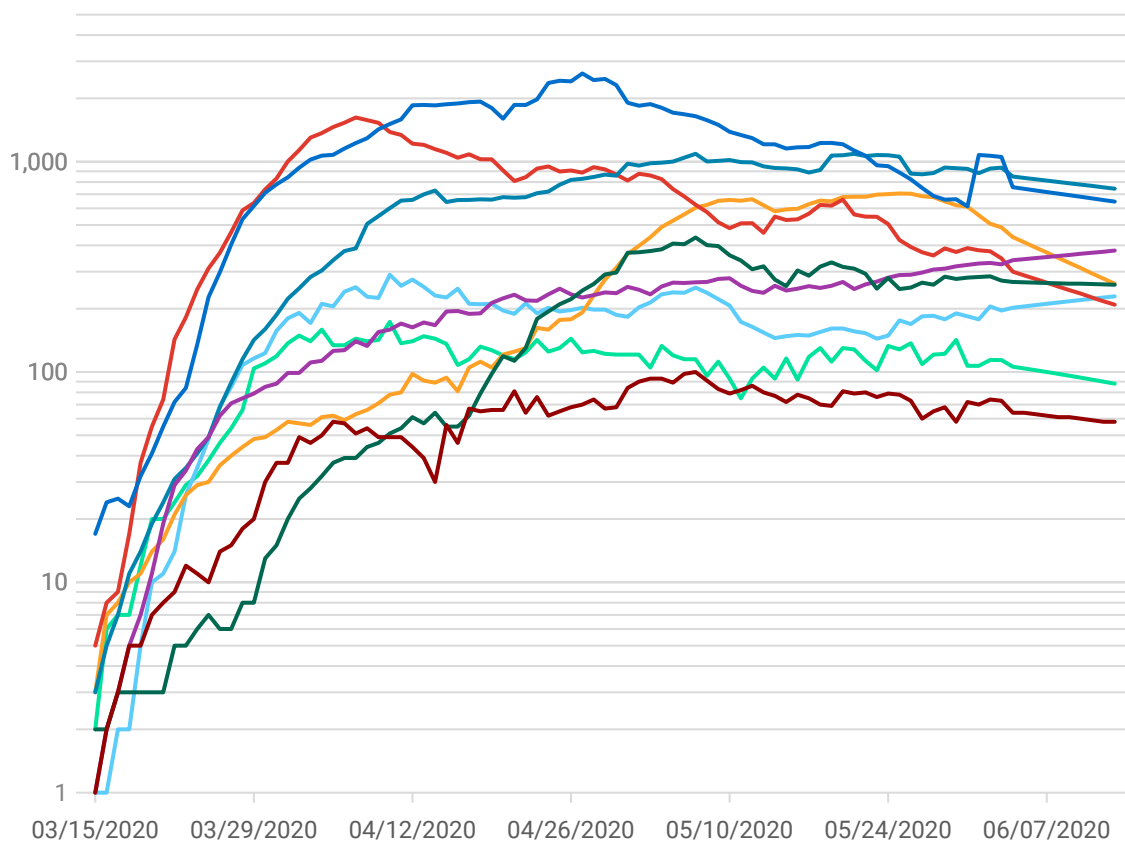


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

Chart: [covid19science.blogspot.com](https://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

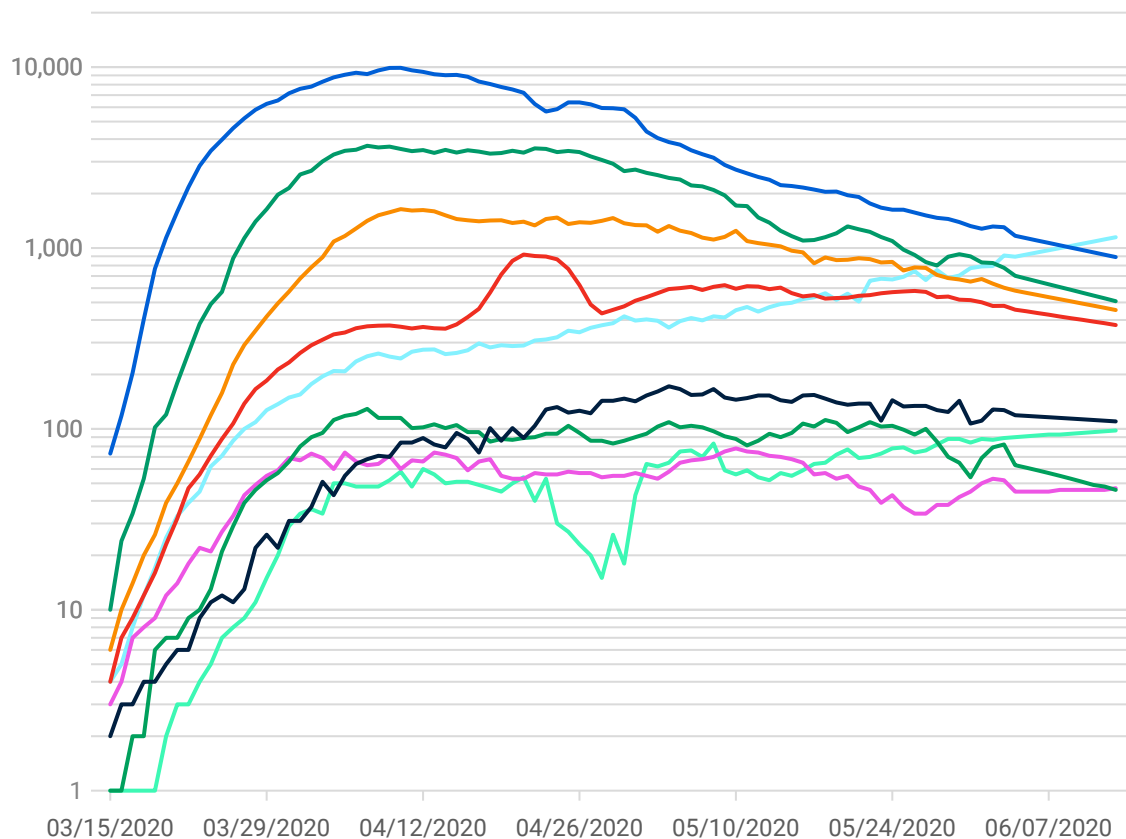


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

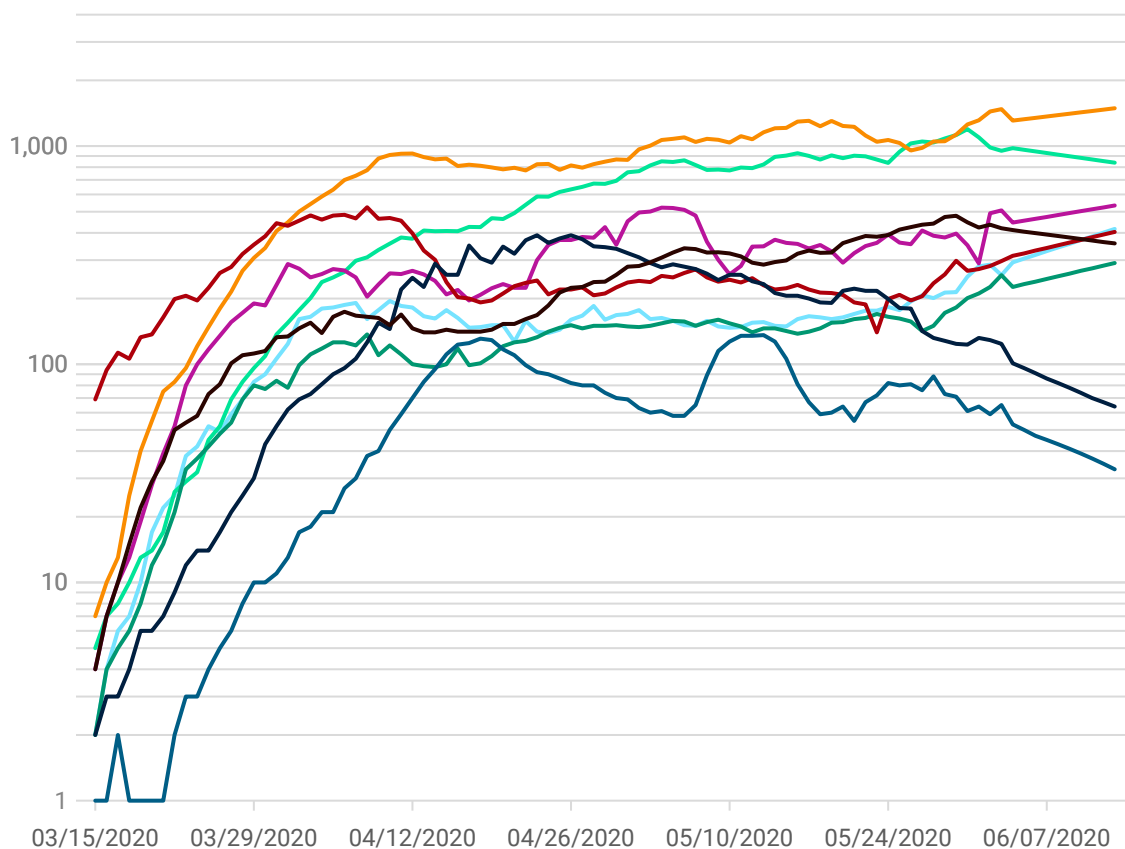


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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.

