

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 25, 2020 with Johns Hopkins Data from 6/24/2020.

- **Predicted daily deaths on 8/23/2020: 2,051** (yesterday: 1,860; ~ 123,000 per 2 months)
- **Predicted daily cases on 8/23/2020: 55,347** (yesterday: 50,265)
- **Total deaths predicted by 8/23/2020: 232,215** (yesterday: 222,630 until 8/22)
- **Excluding New York & New Jersey: 184,954** (yesterday: 175,562 until 8/22)

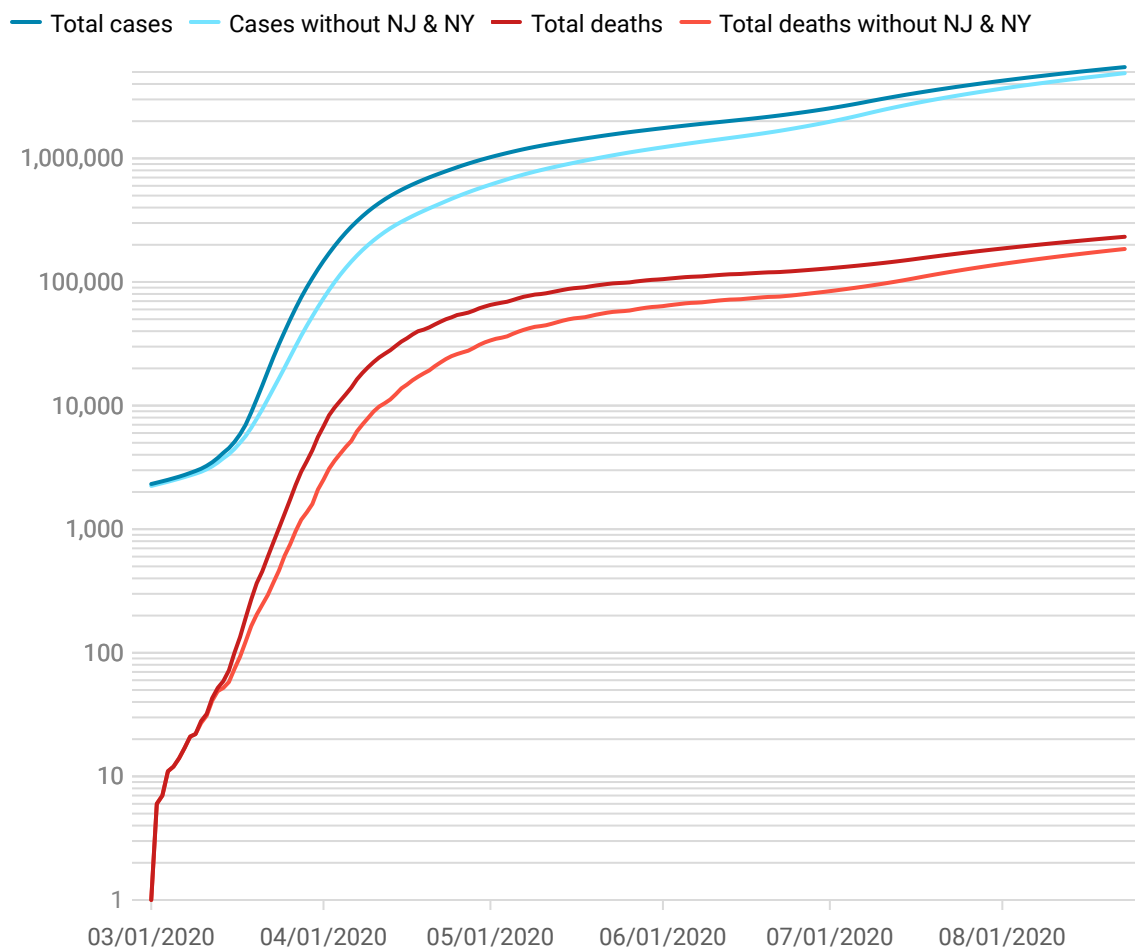
### Summary

Once again, today's numbers show a large increase compared to yesterday. The latest trends indicate that the number of total COVID-19 deaths will almost double from today's number within the next 2 months. Several of the state graphs below required changes to the y-axis maximum to accommodate the rapid increases in new daily COVID-19 cases.

So far, governors in most states that show rapid growth have largely refused to issue new orders aimed at stopping the growth of infections, instead relying on appeals and recommendations. Many of these recommendations have been in place already, so how effective renewed appeals will be is questionable. For comparison, the governor of New York issued a stay-at-home order on March 20, after a report of 2,304 new COVID-19 cases the day before. Yesterday, Texas reported 6,177 cases, and Florida reported 5,511 cases. Higher testing capacities distorts this comparison somewhat, but even taking testing and population size differences into account, Texas and Florida are approaching case levels where New York had to take drastic action. Will we see adequate actions from governors in southern states in time?

## Total projected COVID-19 cases and deaths

Future growth in cases per day limited to 14 days.

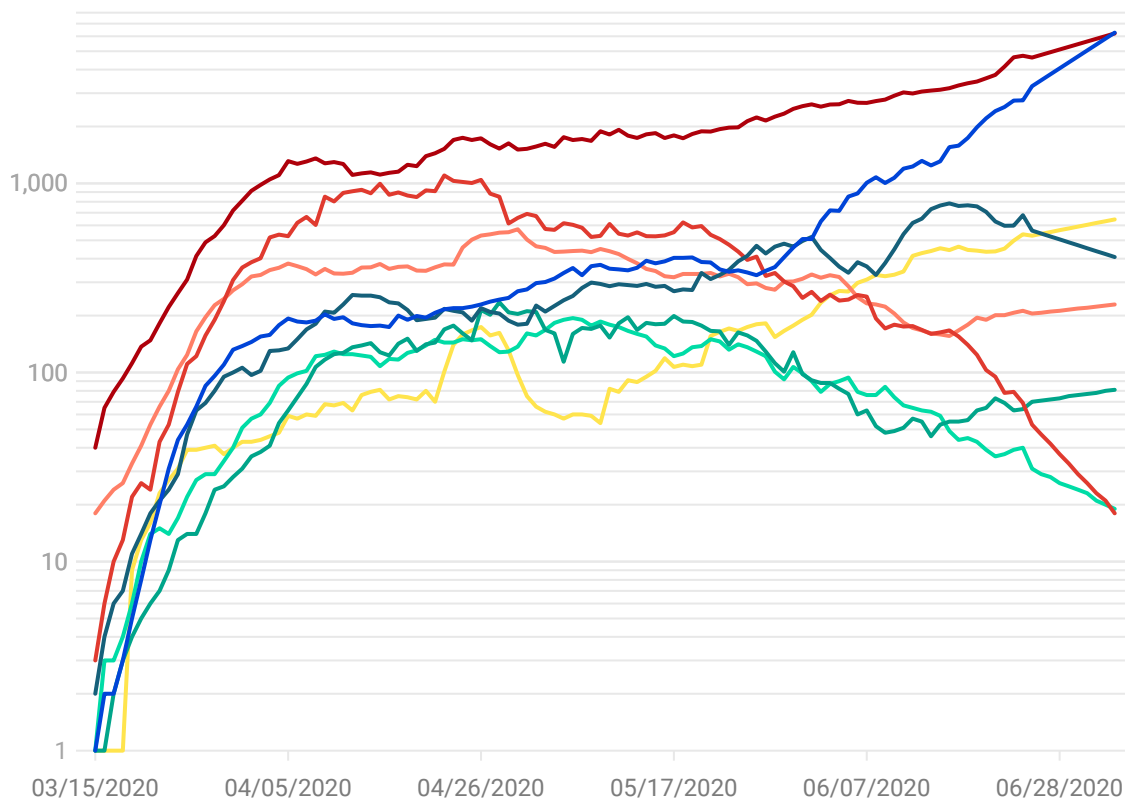


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

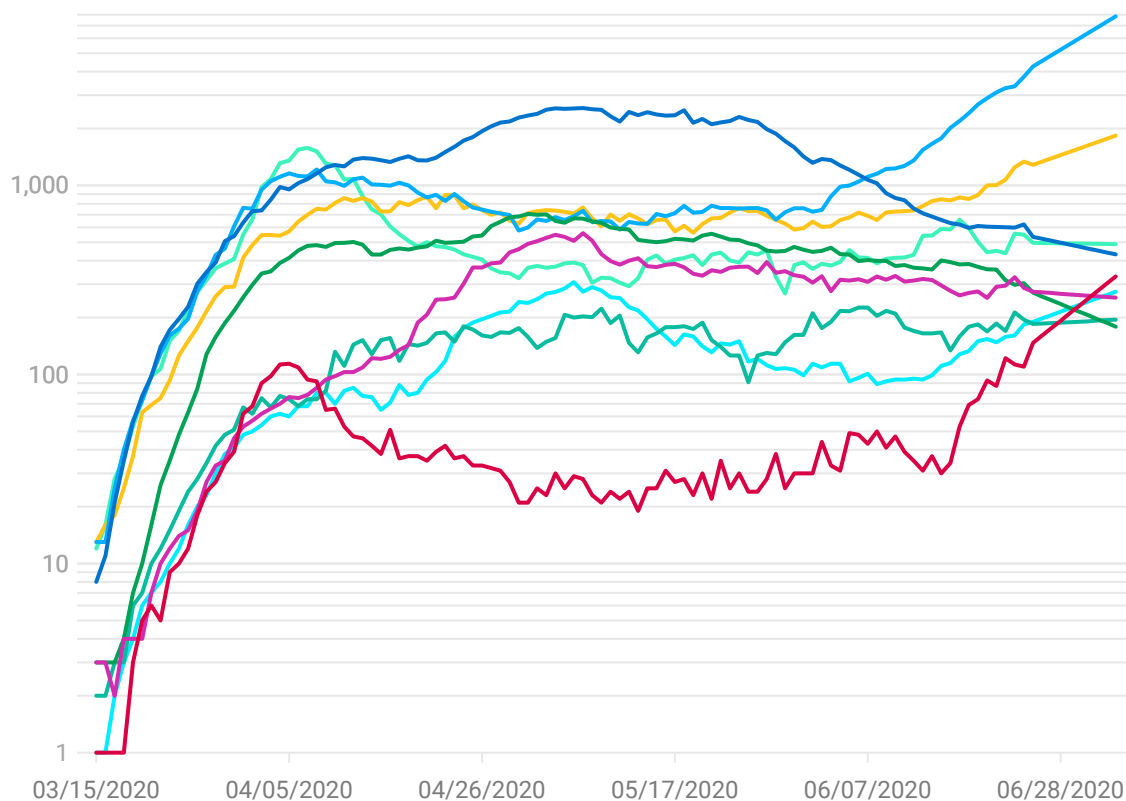


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## Actual and projected daily COVID-19 cases by state (FL-LA)

Florida Georgia Idaho Illinois Indiana Iowa Kansas Kentucky  
Louisiana

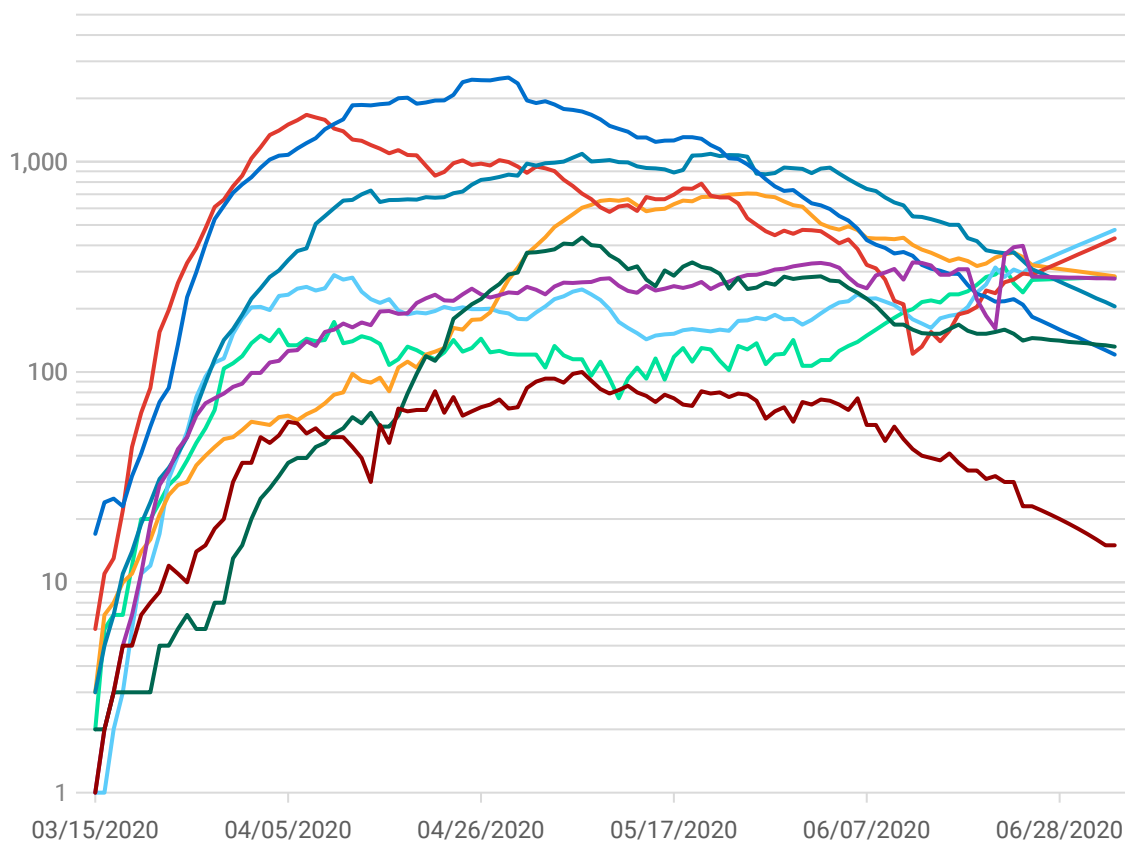


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

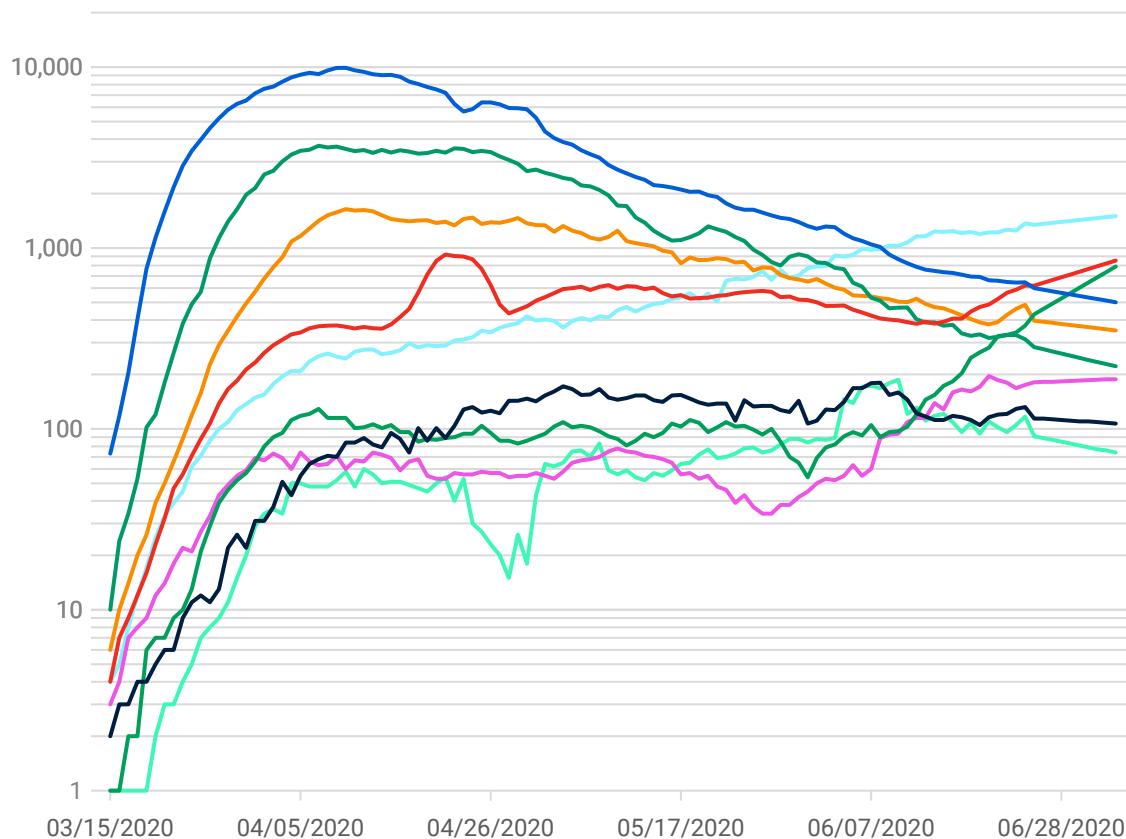


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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## 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

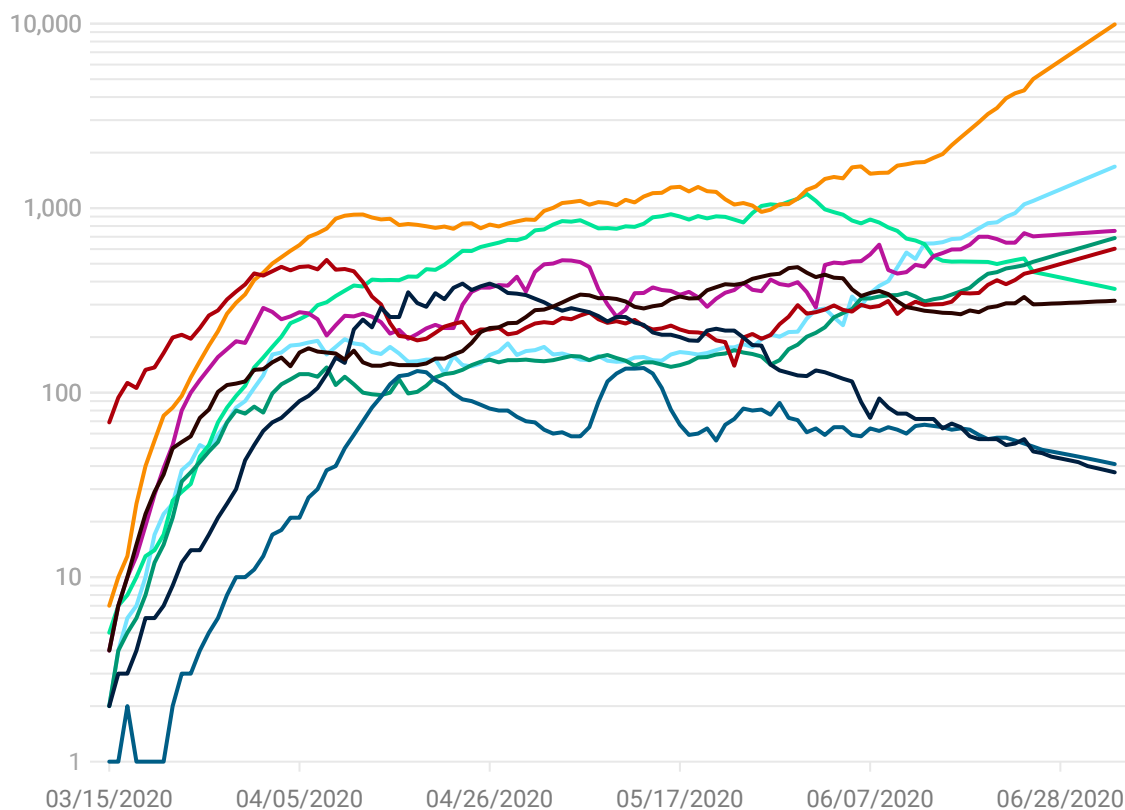


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## Actual and projected daily COVID-19 cases by state (RI-WI)

— 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>

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