

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.

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## 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.

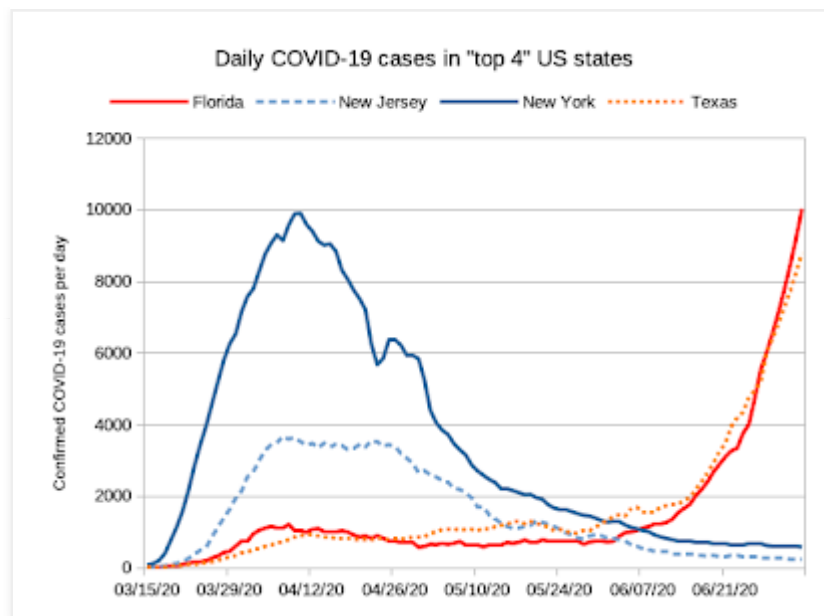
### Last model run

June 28, 2020 with Johns Hopkins Data from 6/27/2020.

- **Predicted daily deaths on 8/26/2020: 2,559** (yesterday: 2,375; ~ 143,000 per 2 months)
- **Predicted daily cases on 8/26/2020: 69,839** (yesterday: 64,522)
- **Total deaths predicted by 8/26/2020: 259,203** (yesterday: 250,431 until 8/25)
- **Excluding New York & New Jersey: 209,393** (yesterday: 200,764 until 8/25)
- **Total predicted cases by 8/26/2020: 6,360,978** (yesterday: 6,042,908 until 8/25)

### Summary

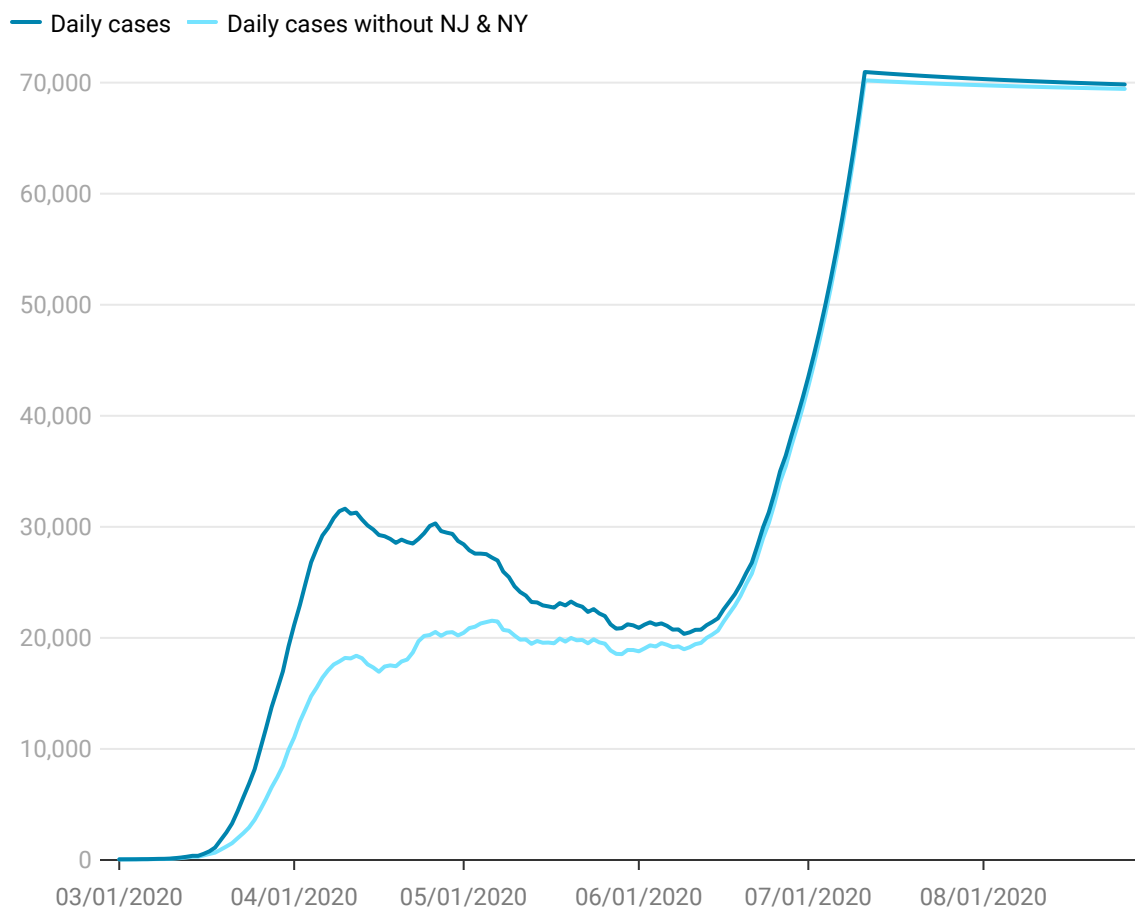
Once again, today's numbers show a large increase compared to yesterday, after another new record for daily COVID-19 cases in the US yesterday. Both Florida and Texas have now reported higher case numbers than the state with the second-highest number of COVID-19 deaths in the US, New Jersey. They are also close on reaching the numbers for the worst-hit state in the US, New York:



New York instituted strict stay-at-home orders about 2-3 weeks before the case numbers peaked. In Texas and Florida, the measures taken in response to rapid recent rises in infections have been mostly restricted to bar closures. Several counties and cities have issued orders that require face masks, which have been shown to be very effective at reducing COVID-19 infections, but the governors of both states have refused to issue similar orders for the states.

## Daily actual and projected COVID-19 cases

Using 7-day averages for actual cases; future growth limited to 14 days.

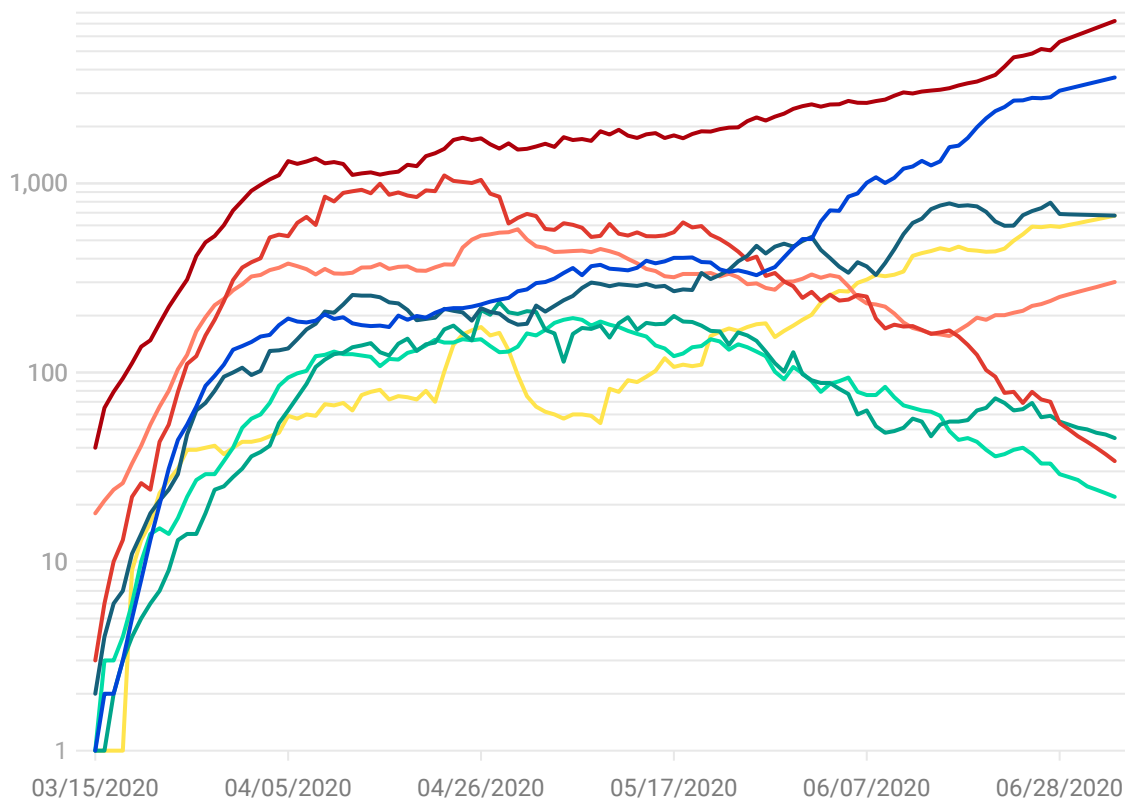


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

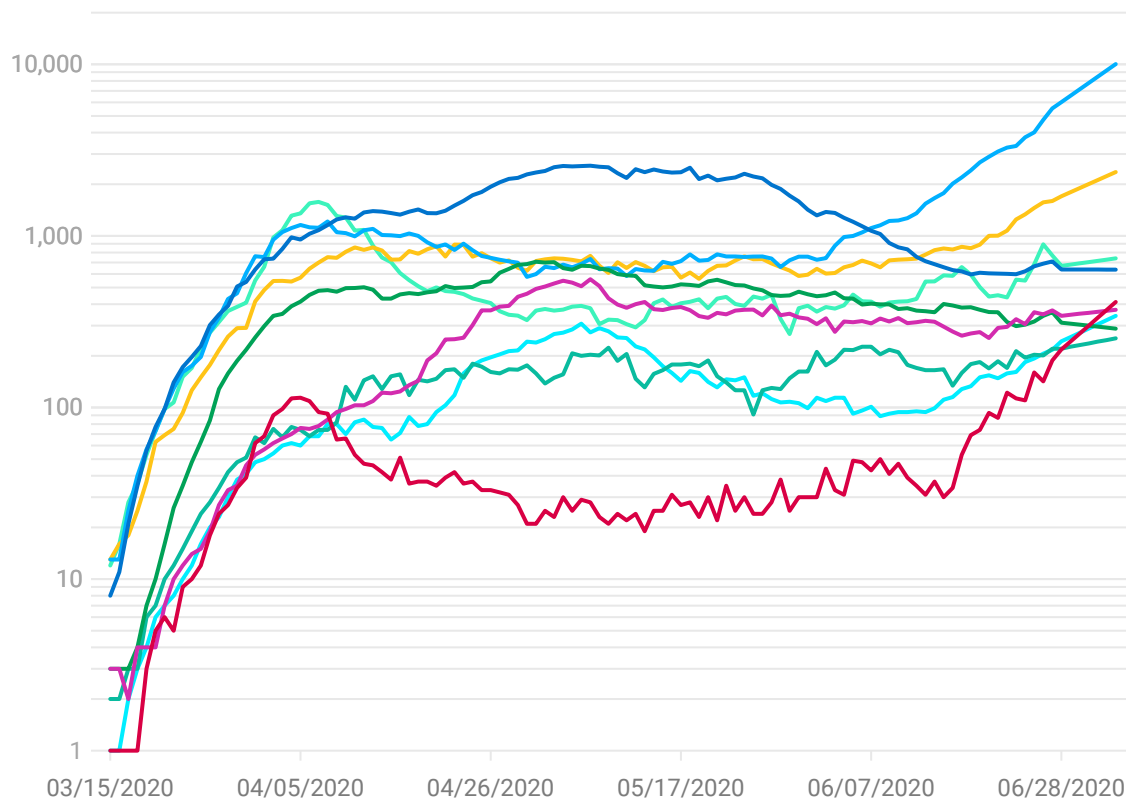


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

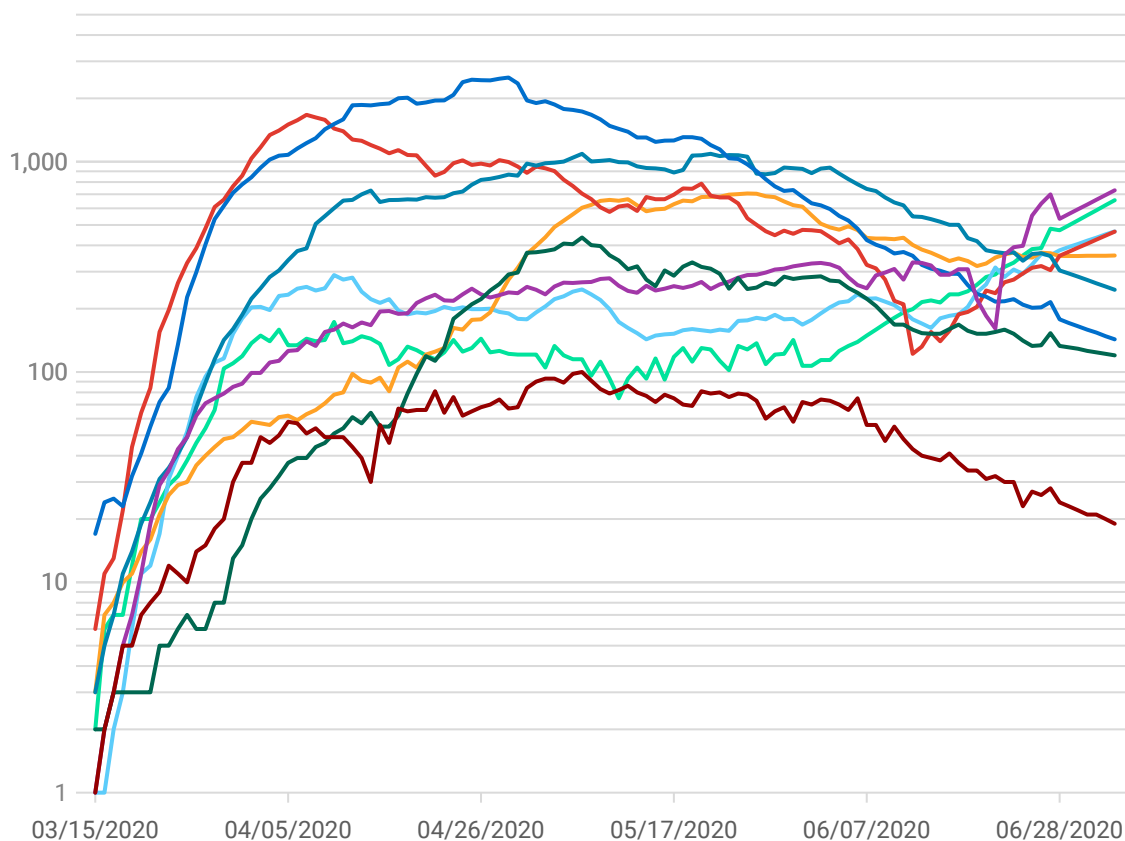


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

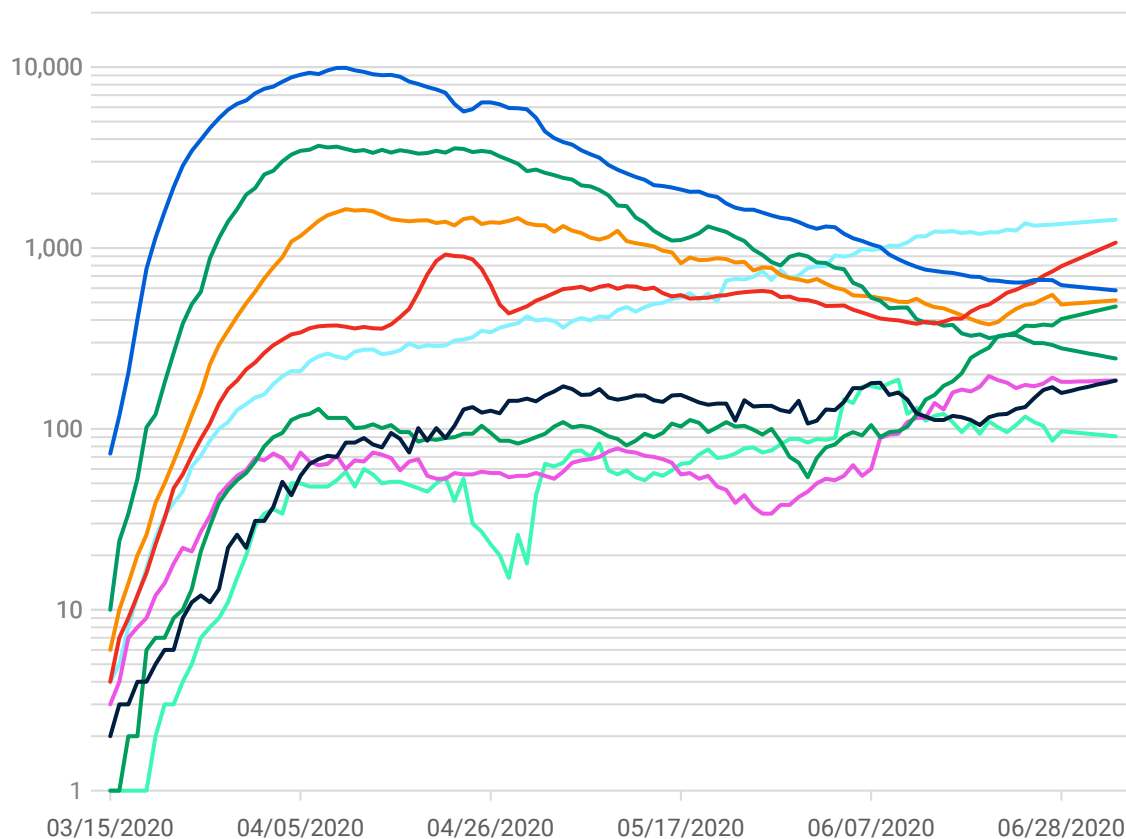


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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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

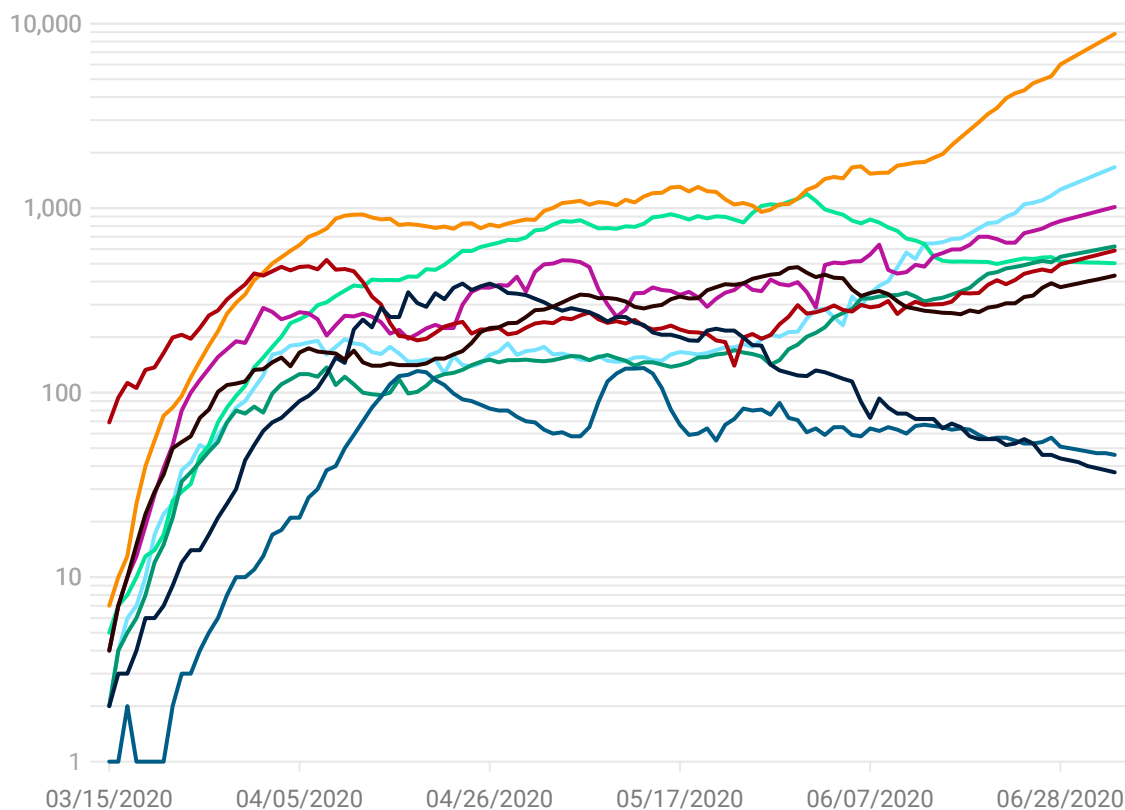


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

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



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