

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

July 19, 2020 with Johns Hopkins Data from 7/18/2020.

- **Predicted daily deaths on 9/16/2020: 2,442** (previous run: 2,608; ~ 147,000 per 2 months)
- **Predicted daily cases on 9/16/2020: 86,754** (previous run: 81,227)
- **Total deaths predicted by 9/16/2020: 281,298** (previous run: 276,356 until 9/9)
- **Total predicted cases by 9/16/2020: 8,645,809** (previous run: 7,807,018 until 9/9)

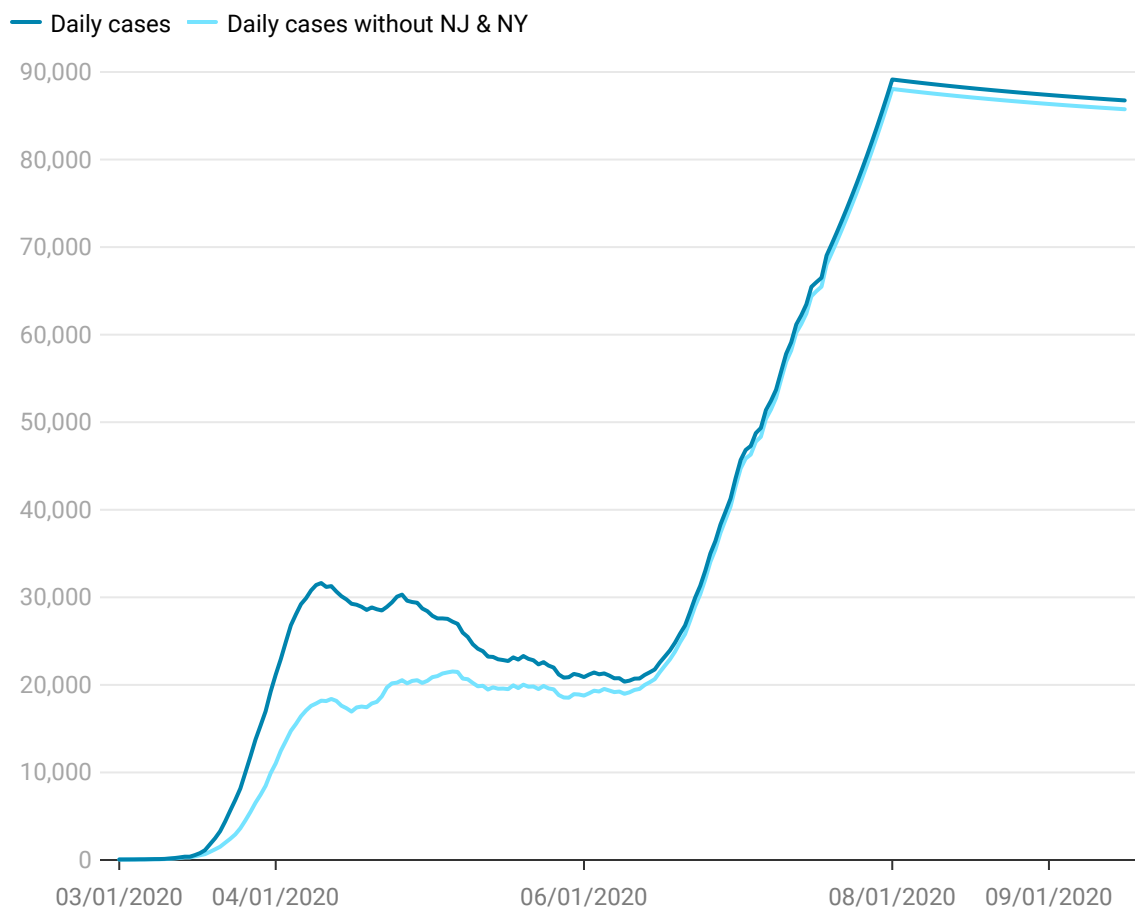
Summary

Compared to the last model run 7 days ago, the overall changes are small. The total number of daily cases is slightly higher than before, but the number of daily deaths at the end of the forecast period is slightly lower. This apparent contradiction is caused by new cases rising more in states that have low case fatality ratios.

Overall, the model predicts rising case numbers for the majority of states. Florida leads the pack with a predicted 15,605 cases on 7/26/2020; Texas comes in second with 12,645 daily cases.

Daily actual and projected COVID-19 cases

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

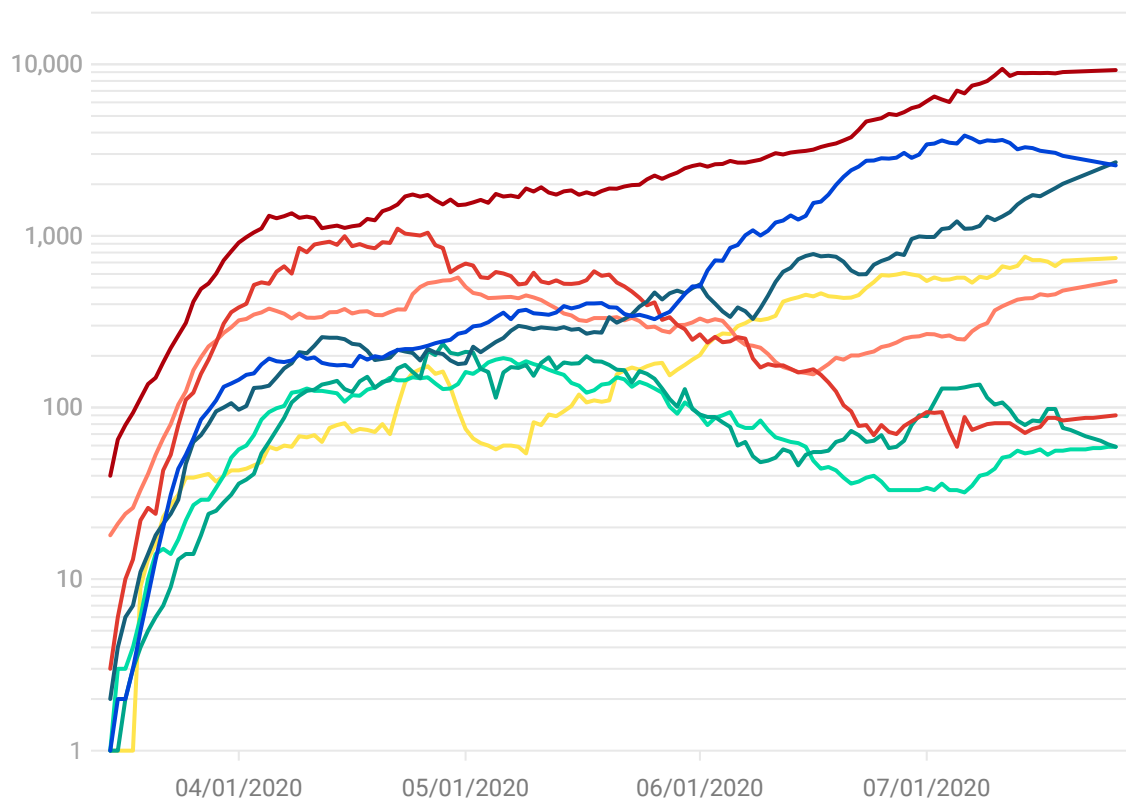


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

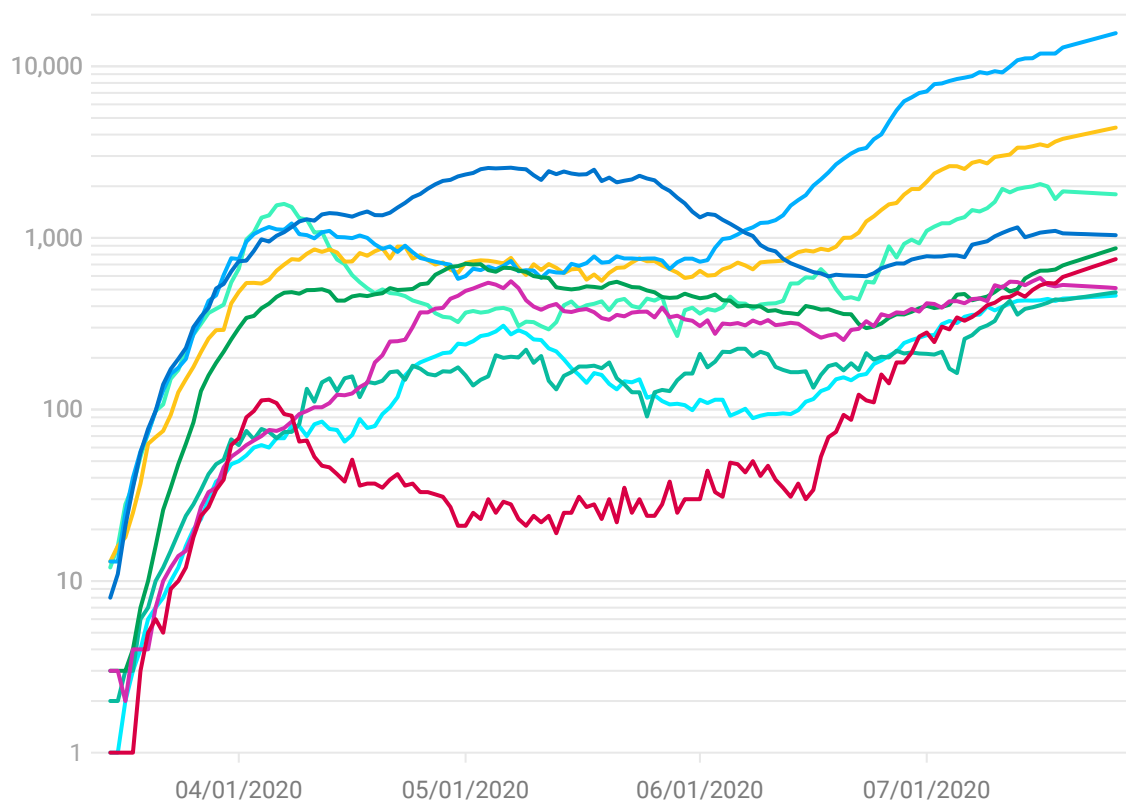


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

Chart: covid19science.blogspot.com • [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

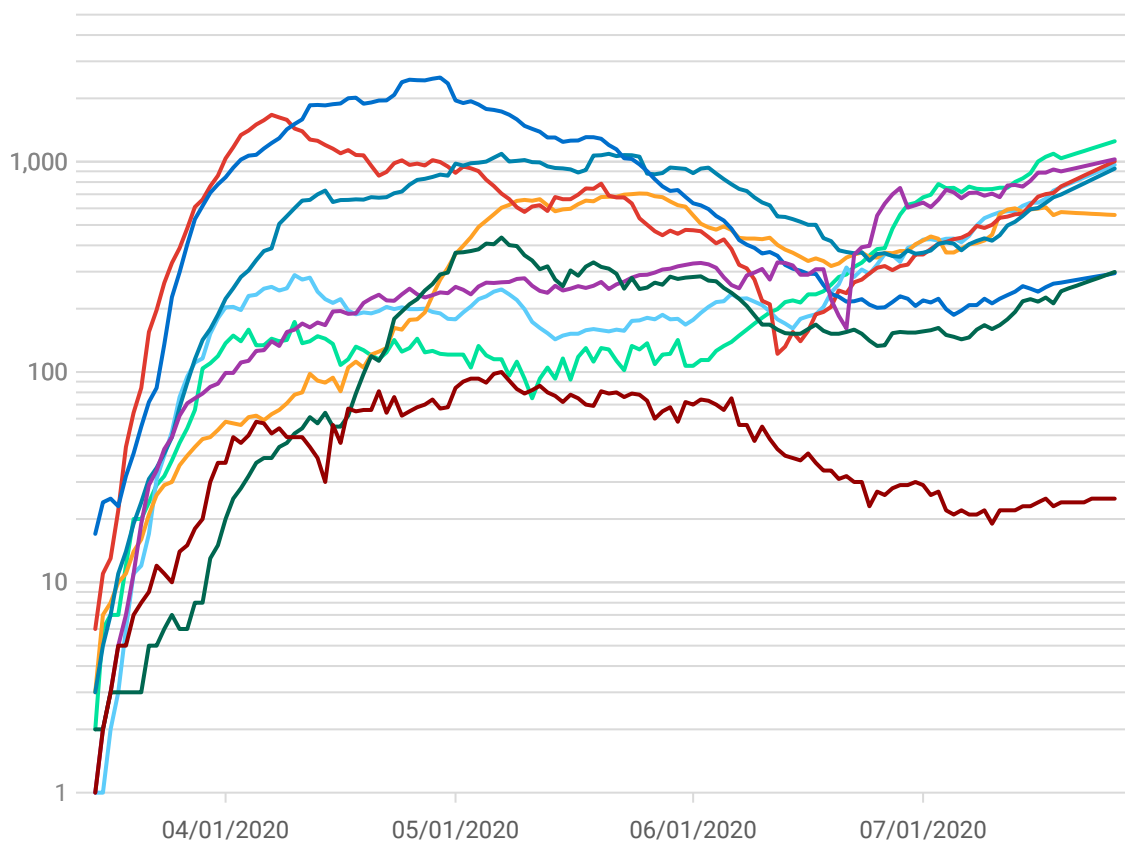


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

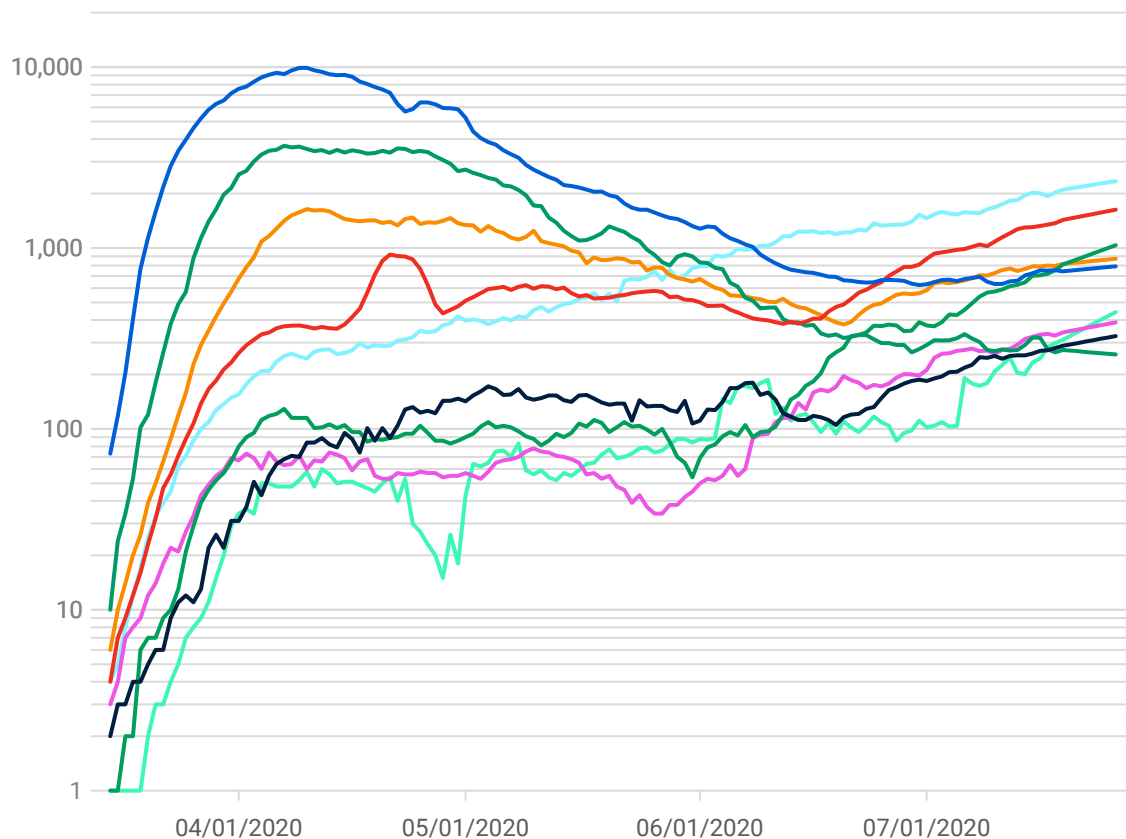


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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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

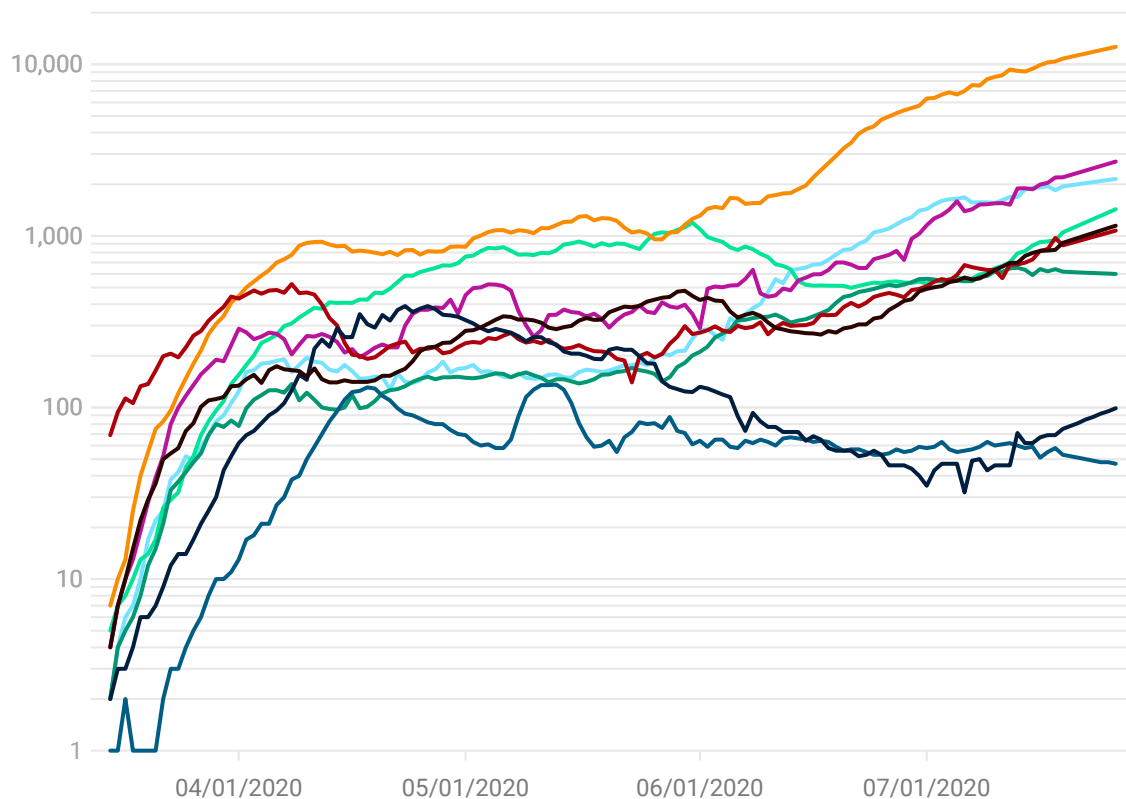


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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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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