

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

May 3, 2020 with Johns Hopkins Data from 5/2/2020.

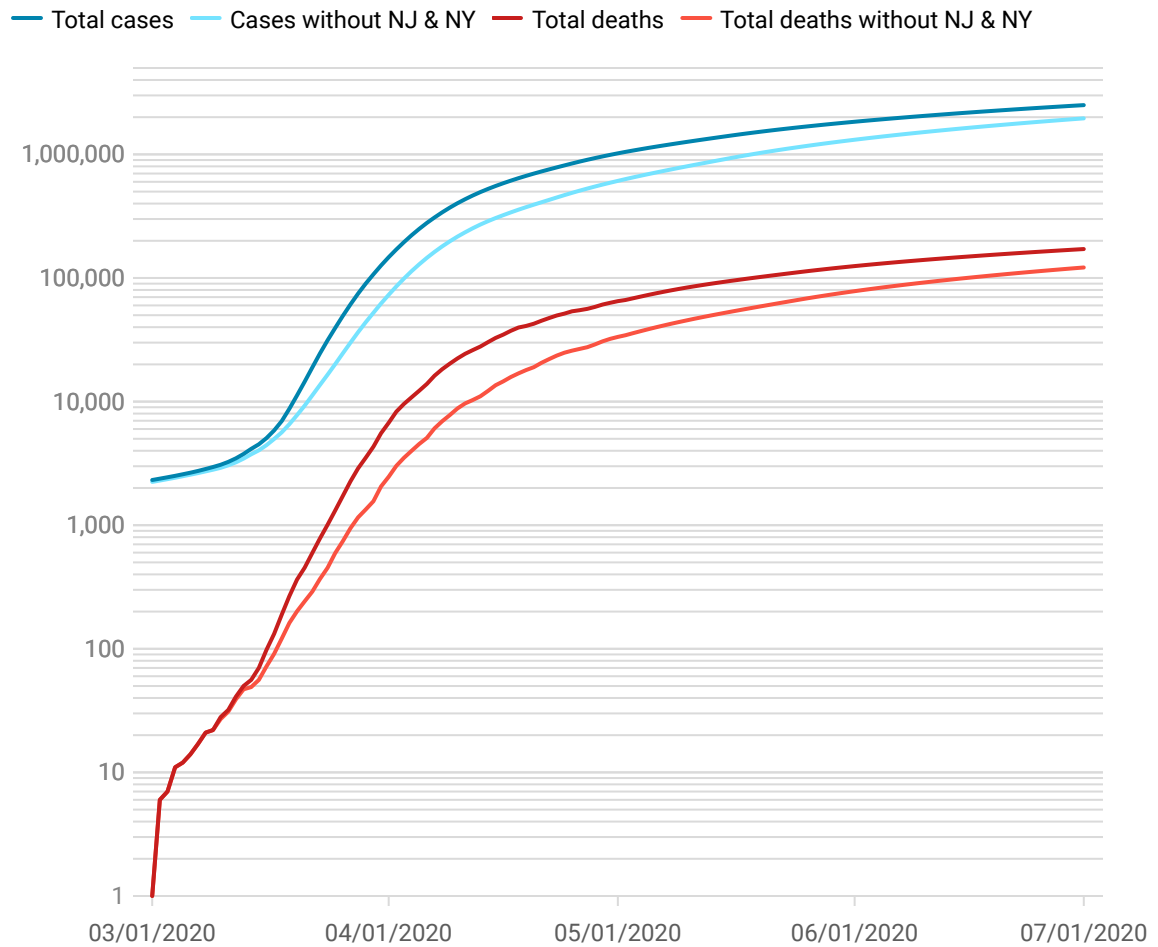
- **Total deaths predicted by 7/1/2020: 171,443** (yesterday: 177,057 until 6/30)
- **Excluding New York & New Jersey: 121,631** (yesterday: 121,457 until 6/30)
- **Predicted daily cases on 6/30/2020: 20,980** (yesterday: 21,388)
- **Predicted daily death on 6/30/2020: 1,423** (~ 85,000 per 2 months)

Summary

Today's numbers are about 3% lower to yesterday's numbers. This is primarily due to a drop in the predicted cases for New York. This drop has a disproportionate effect on the projected death number because New York has a higher time-adjusted case fatality rate (9.2%).

Total projected COVID-19 cases and deaths

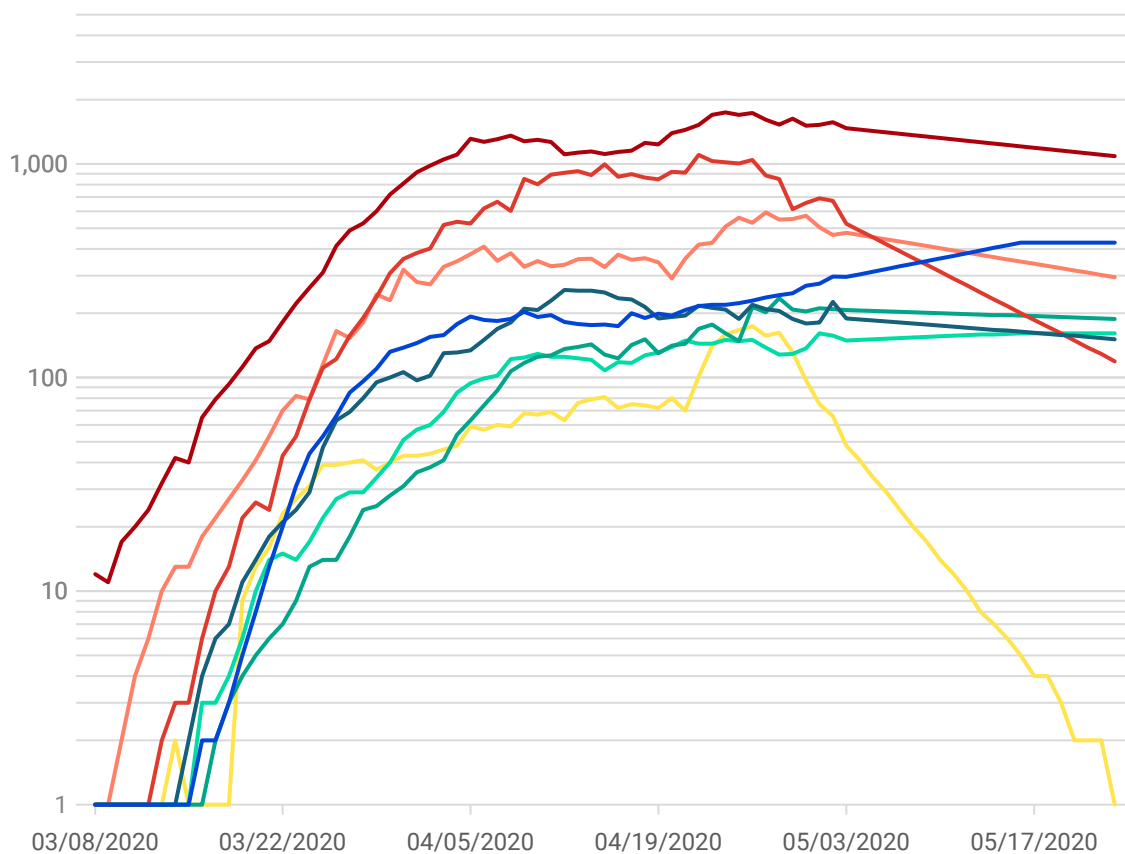
Future growth in cases per day limited to 14 days



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

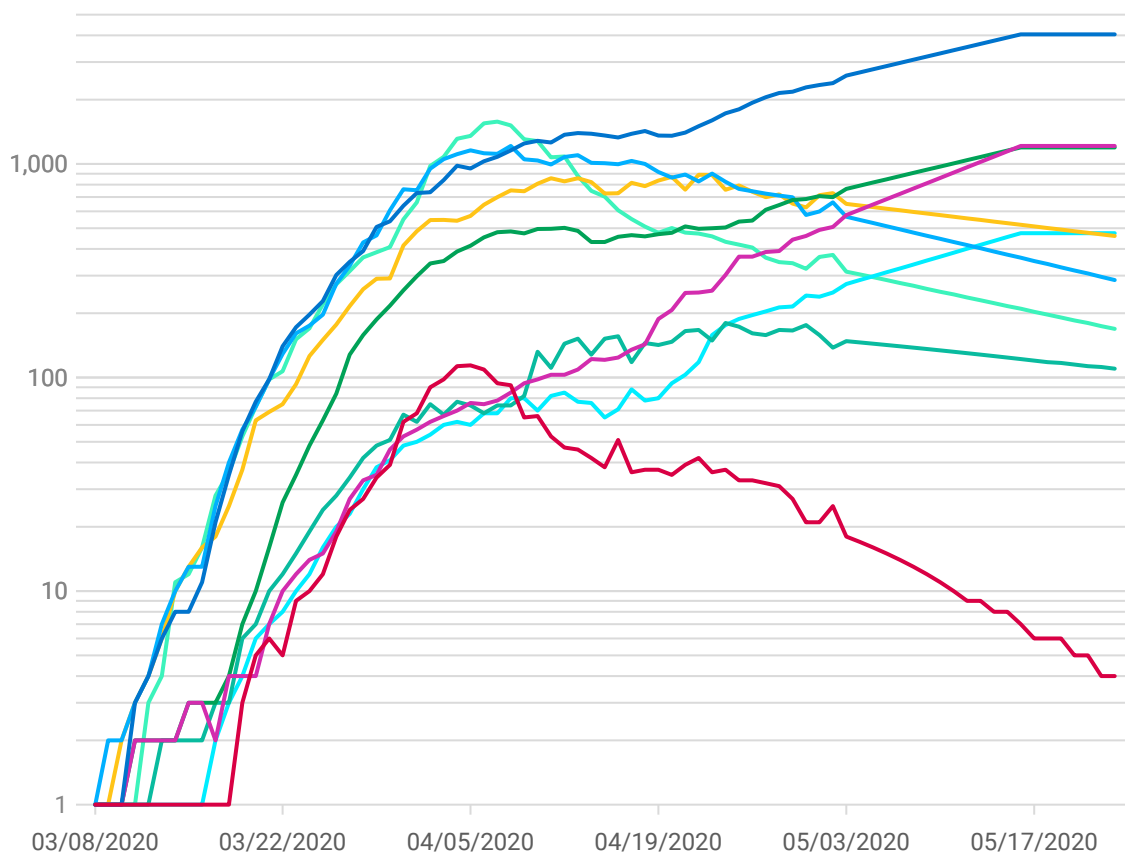
Alabama Arizona Arkansas California Colorado Connecticut Delaware
District of Columbia



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

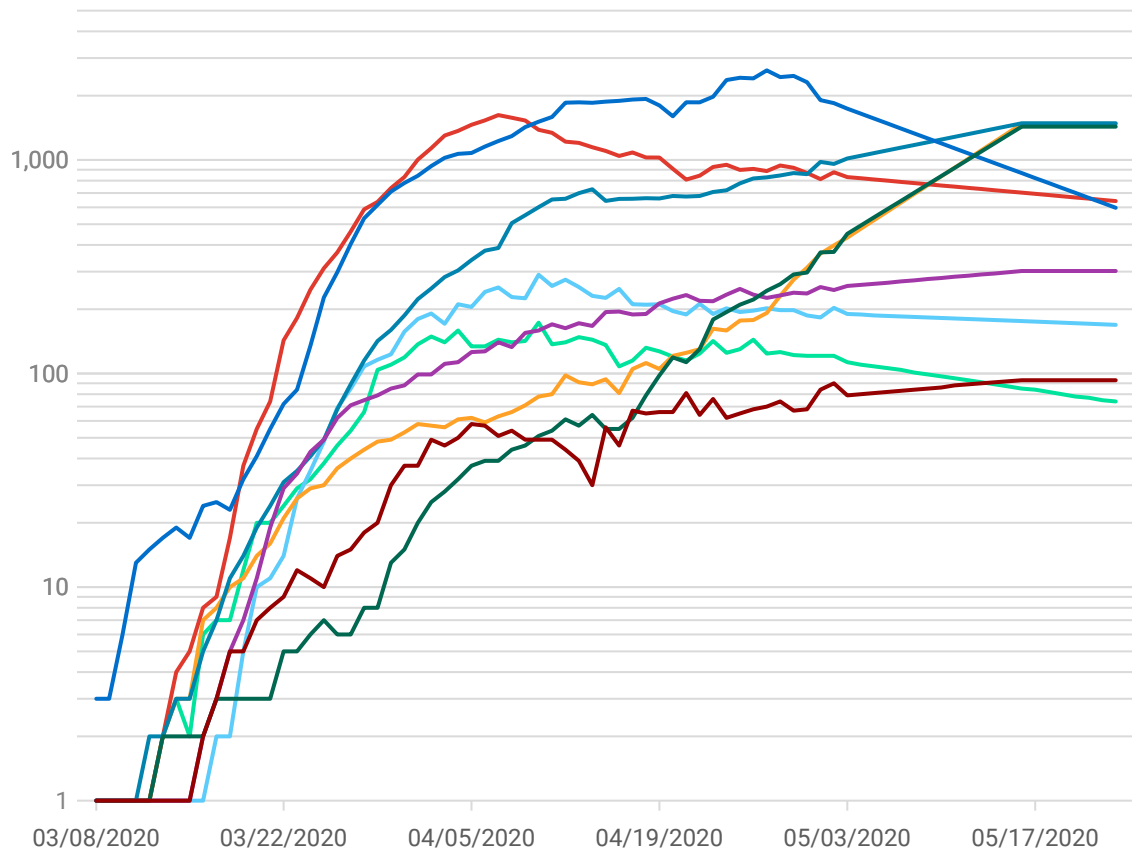
Florida Georgia Idaho Illinois Indiana Iowa Kansas Kentucky
Louisiana



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

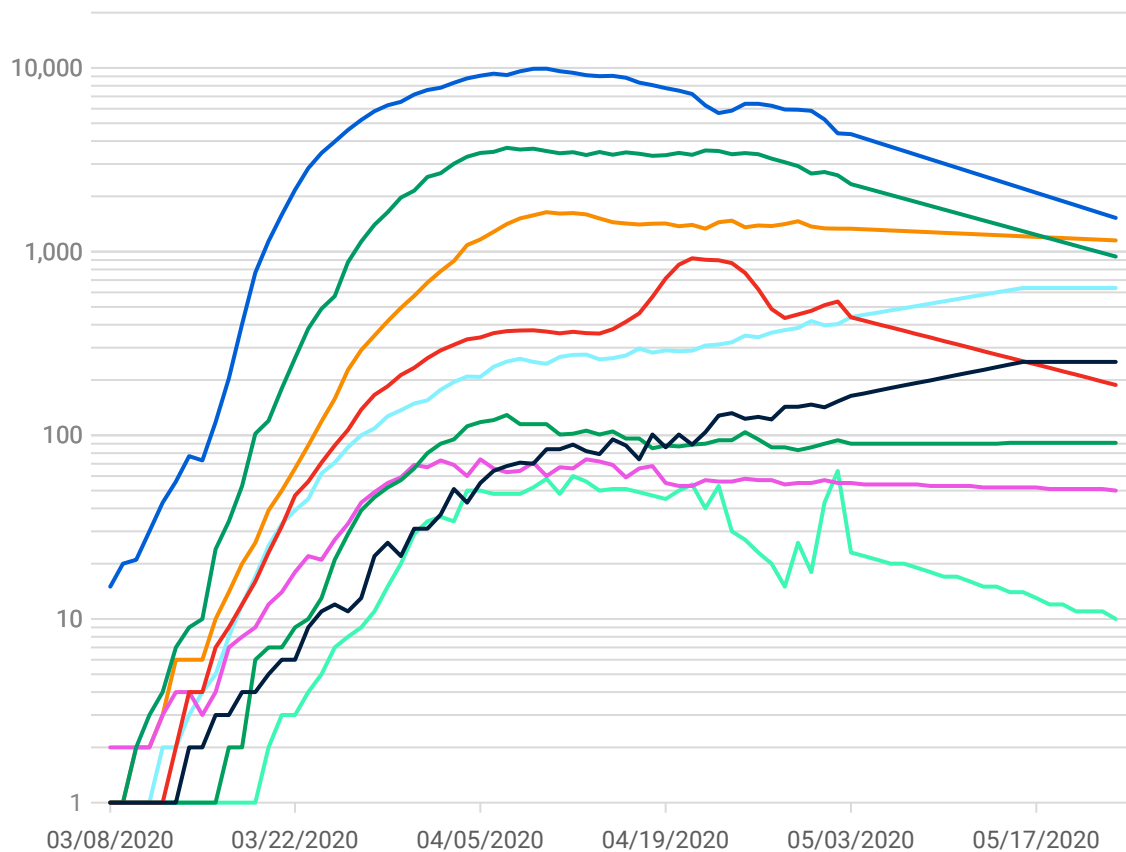
Maryland Massachusetts Michigan Minnesota Mississippi Missouri
Nebraska Nevada New Hampshire



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

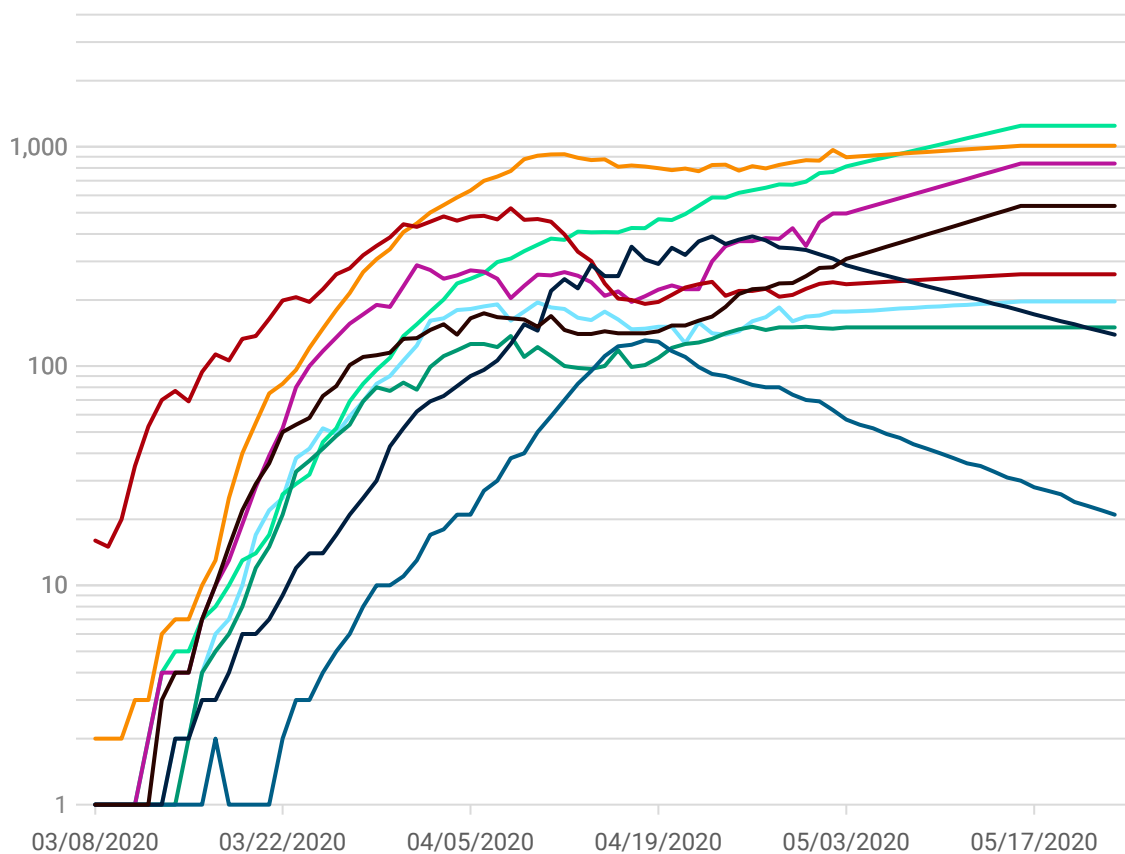
New Jersey New Mexico New York North Carolina Ohio Oklahoma Oregon
Pennsylvania Puerto Rico



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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



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