

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.

*Please note that this model does not try to predict the effect of "re-opening". Since the model is based on extrapolation of trends in the last 2-3 weeks, any increases in COVID-19 cases from relaxed restrictions can take up to a month to be reflected in the predictions.*

### Last model run

May 16, 2020 with Johns Hopkins Data from 5/15/2020.

- **Total deaths predicted by 7/14/2020: 146,447** (yesterday:147,068 until 7/13)
- **Excluding New York & New Jersey: 101,642** (yesterday: 102,599 until 7/13)
- **Predicted daily cases on 7/14/2020: 10,774** (yesterday: 11,534)
- **Predicted daily death on 7/14/2020: 631** (~ 38,000 per 2 months)

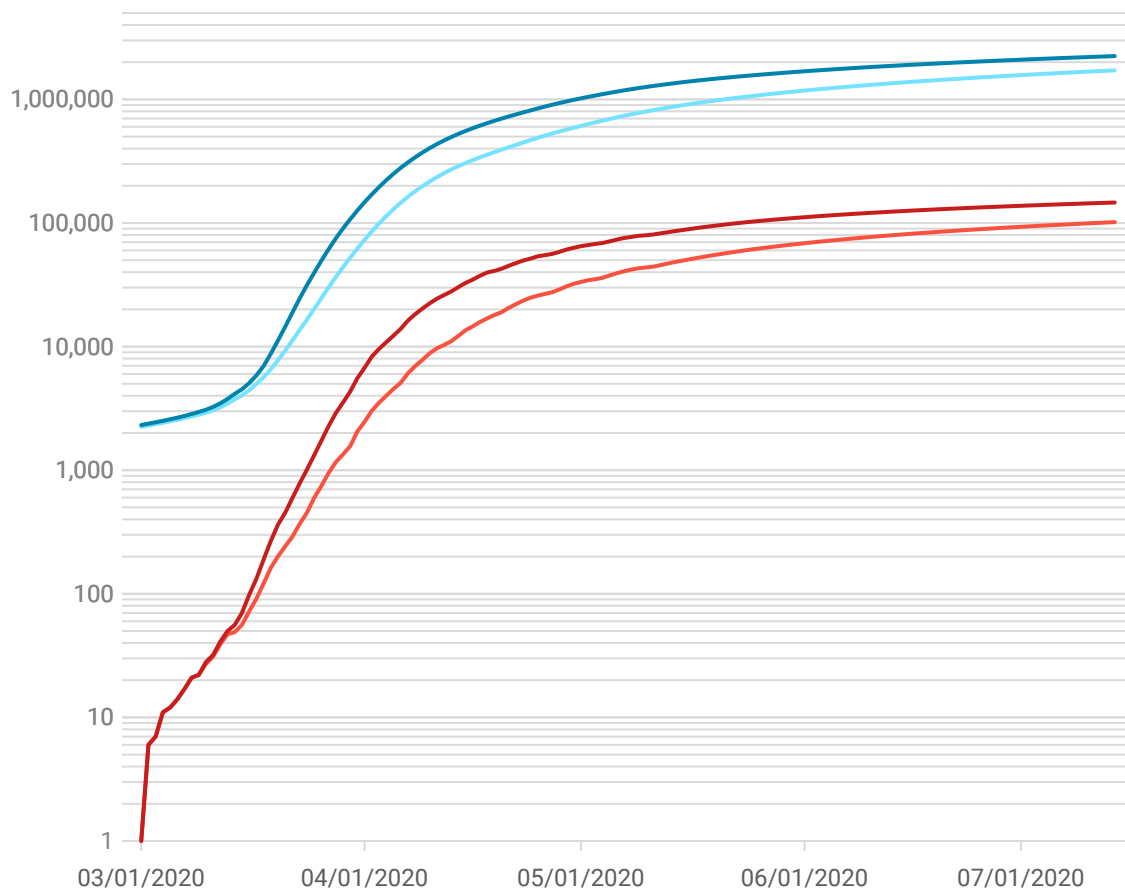
### Summary

Today's numbers show a slight decrease. The biggest relative change is for South Dakota, where yesterday's lower case numbers changed the prediction from a rapid rise to 300 cases per day to a steady number of around 100 cases.

## Total projected COVID-19 cases and deaths

Future growth in cases per day limited to 14 days.

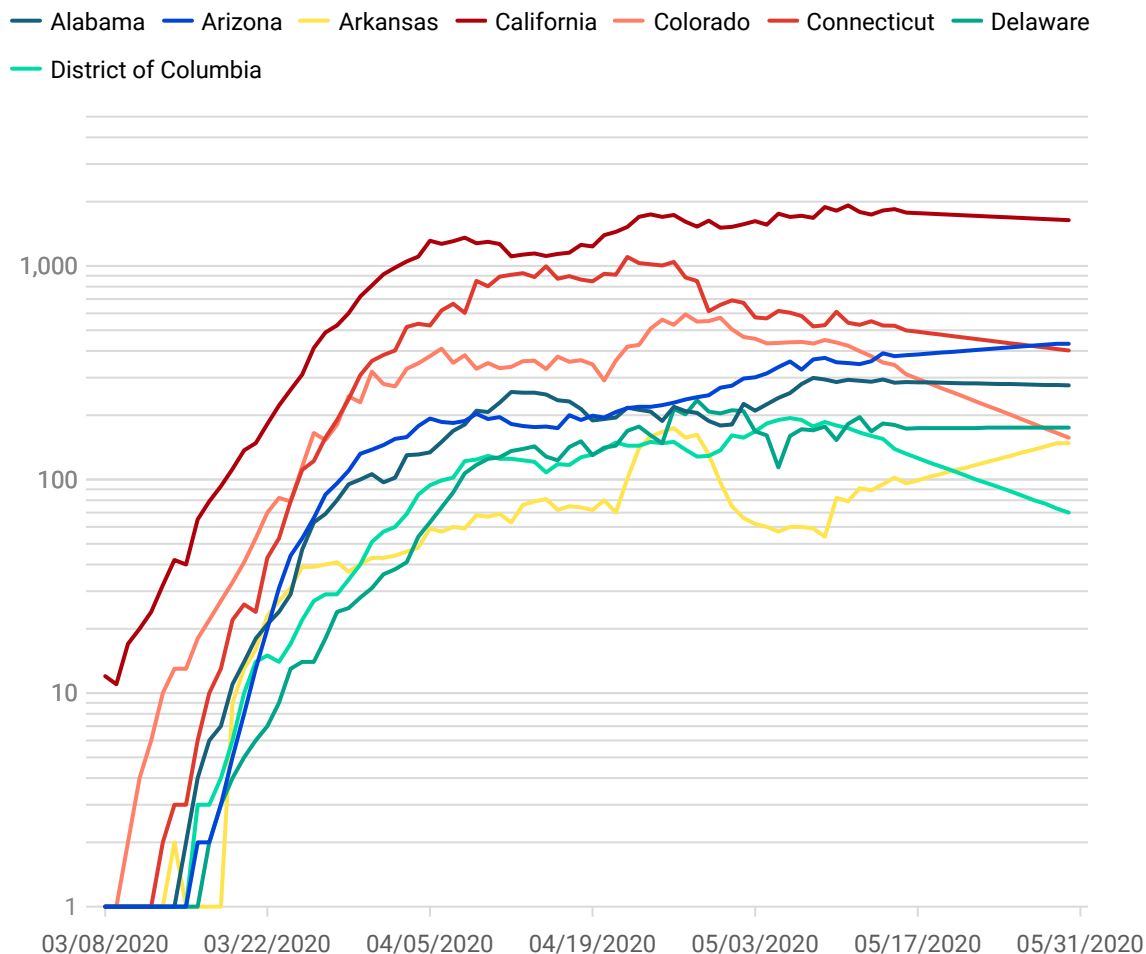
— Total cases — Cases without NJ & NY — Total deaths — Total deaths without NJ & NY



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

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

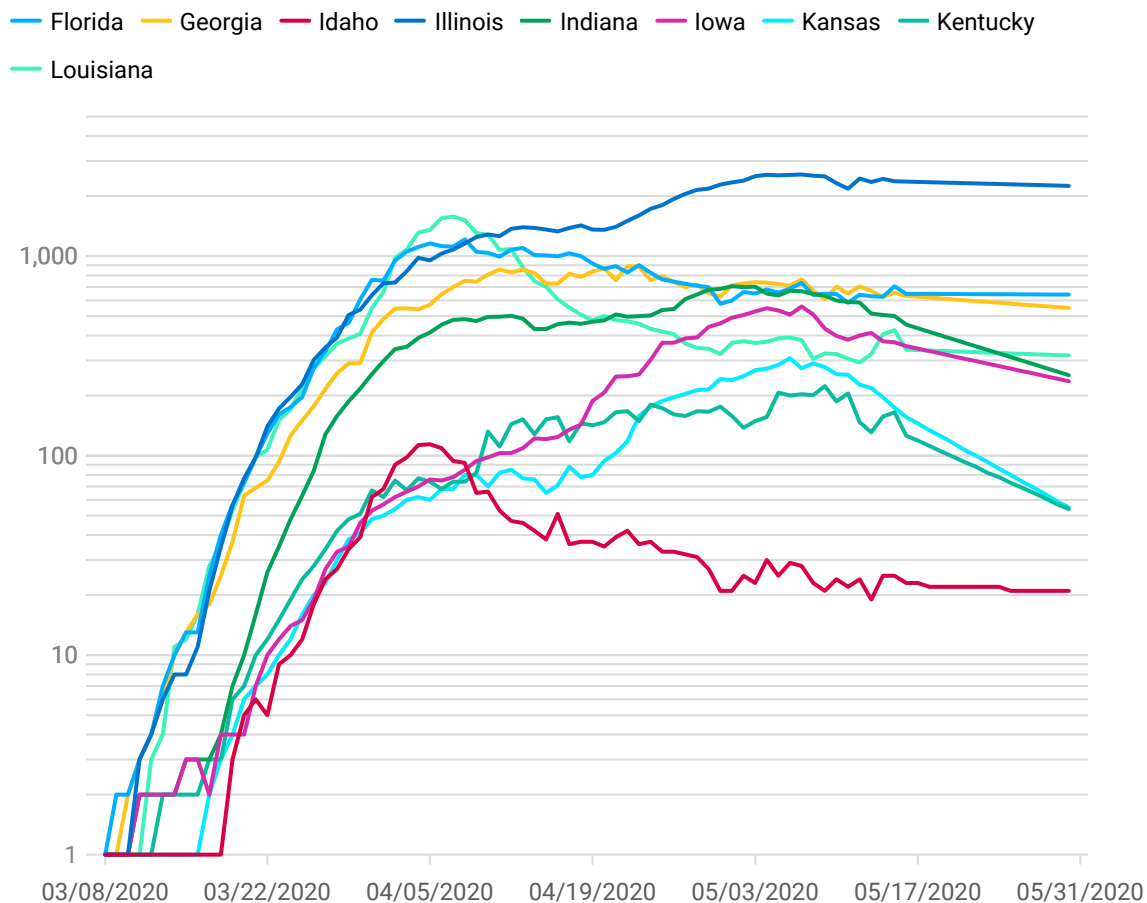
## Actual and projected daily COVID-19 cases by state (AL-DC)



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)

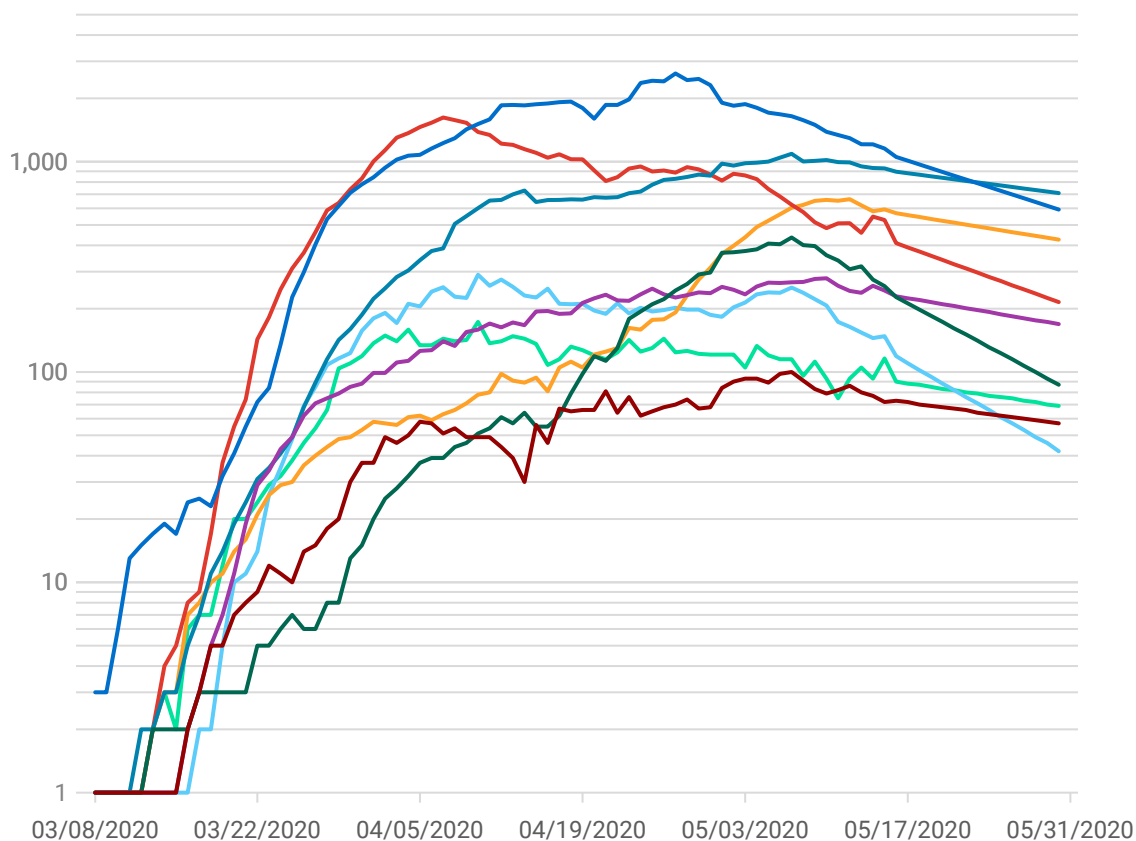


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

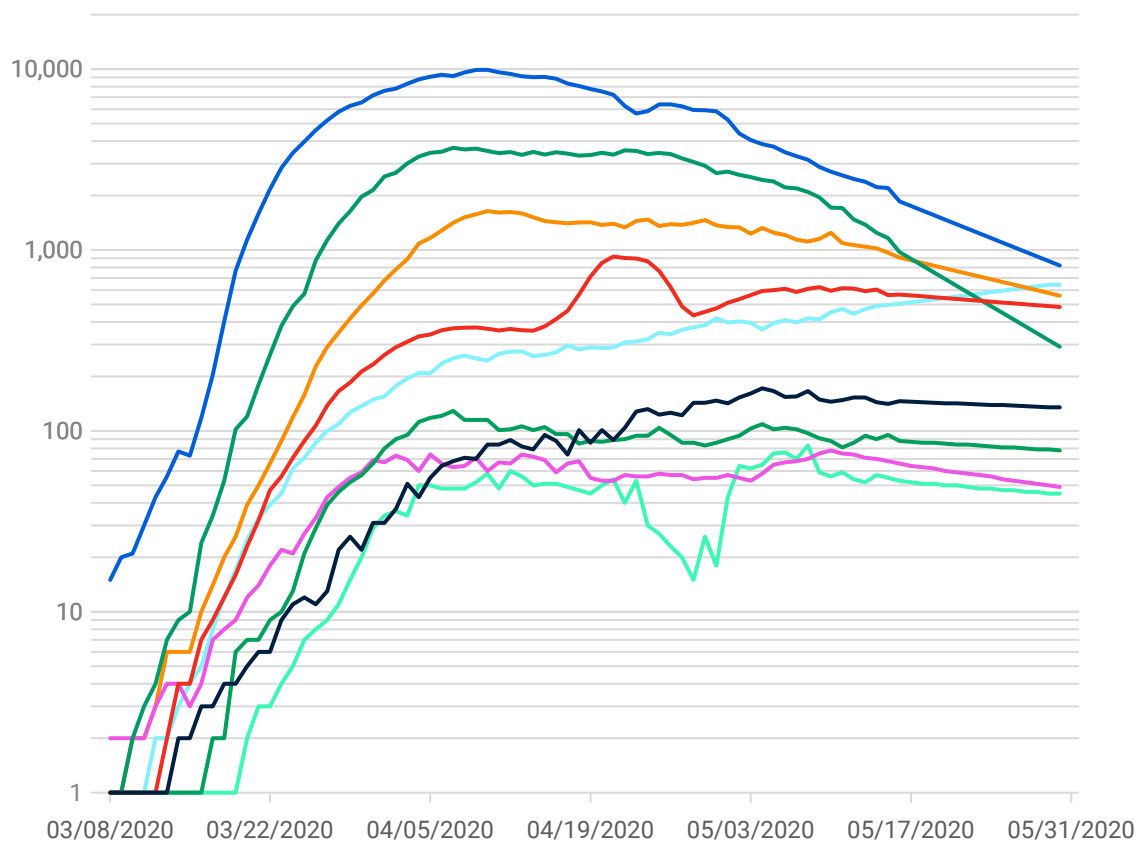


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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

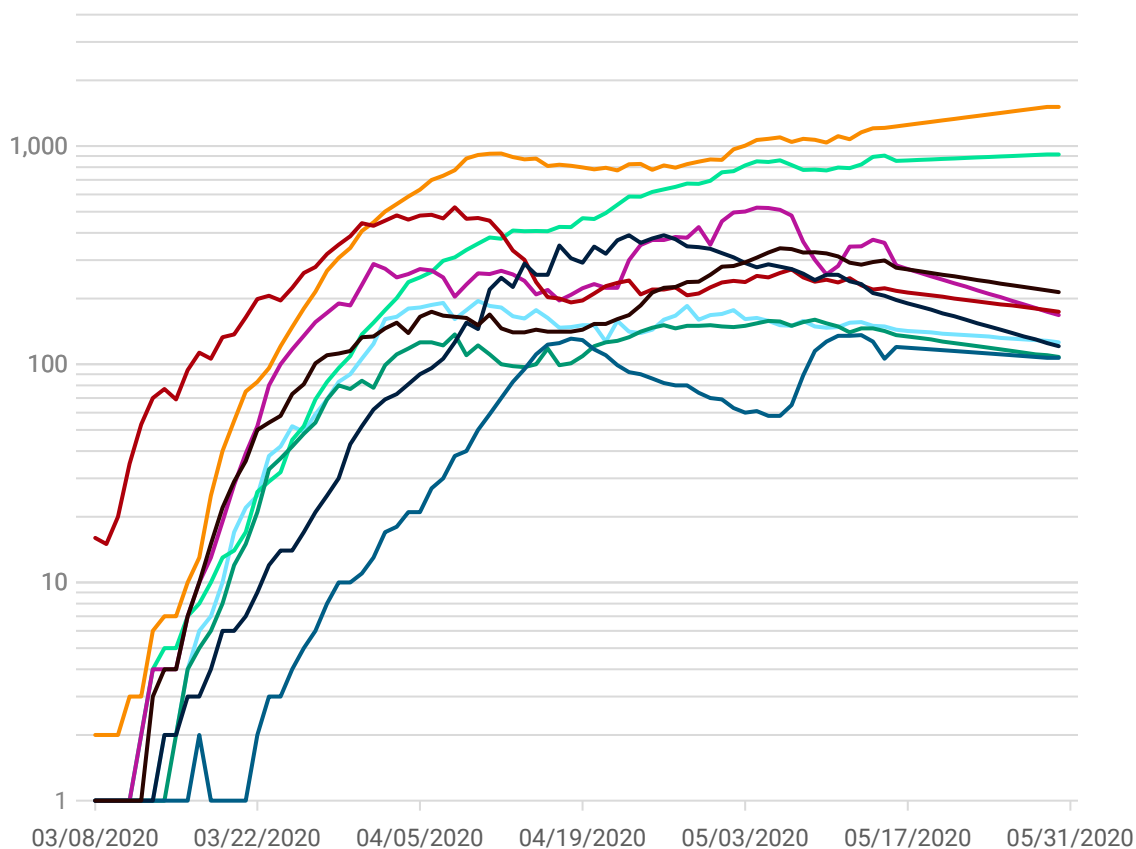


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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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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