

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 22, 2020 with Johns Hopkins Data from 6/21/2020.

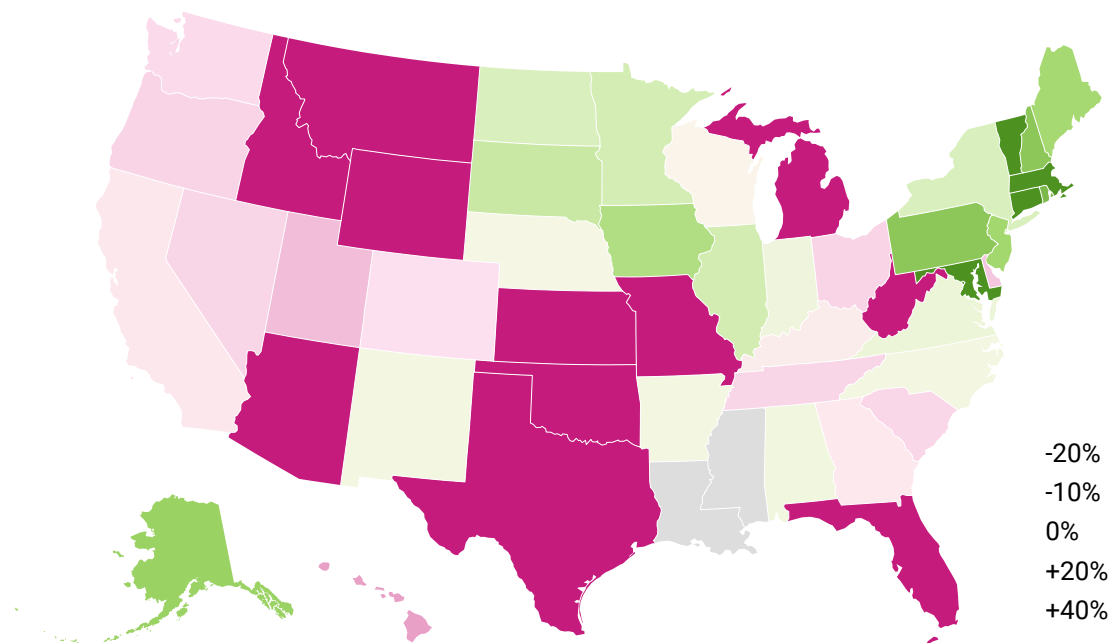
- **Predicted daily deaths on 8/20/2020: 1,495** (yesterday: 1,349; ~ 90,000 per 2 months)
- **Predicted daily cases on 8/20/2020: 38,968** (yesterday: 34,125)
- **Total deaths predicted by 8/20/2020: 204,705** (yesterday: 197,976 until 8/19)
- **Excluding New York & New Jersey: 158,120** (yesterday: 151,548 until 8/19)

Summary

Once again, today's numbers show a large increase compared to yesterday. In today's Johns Hopkins data, the reported cases for North Carolina were not updated; this has been corrected for the model run, using the 1,412 cases reported on the North Carolina COVID-19 dashboard.

This chart shows the trends for US states over the last week (using yesterday's data):

7-Day trend in new COVID-19 cases by state



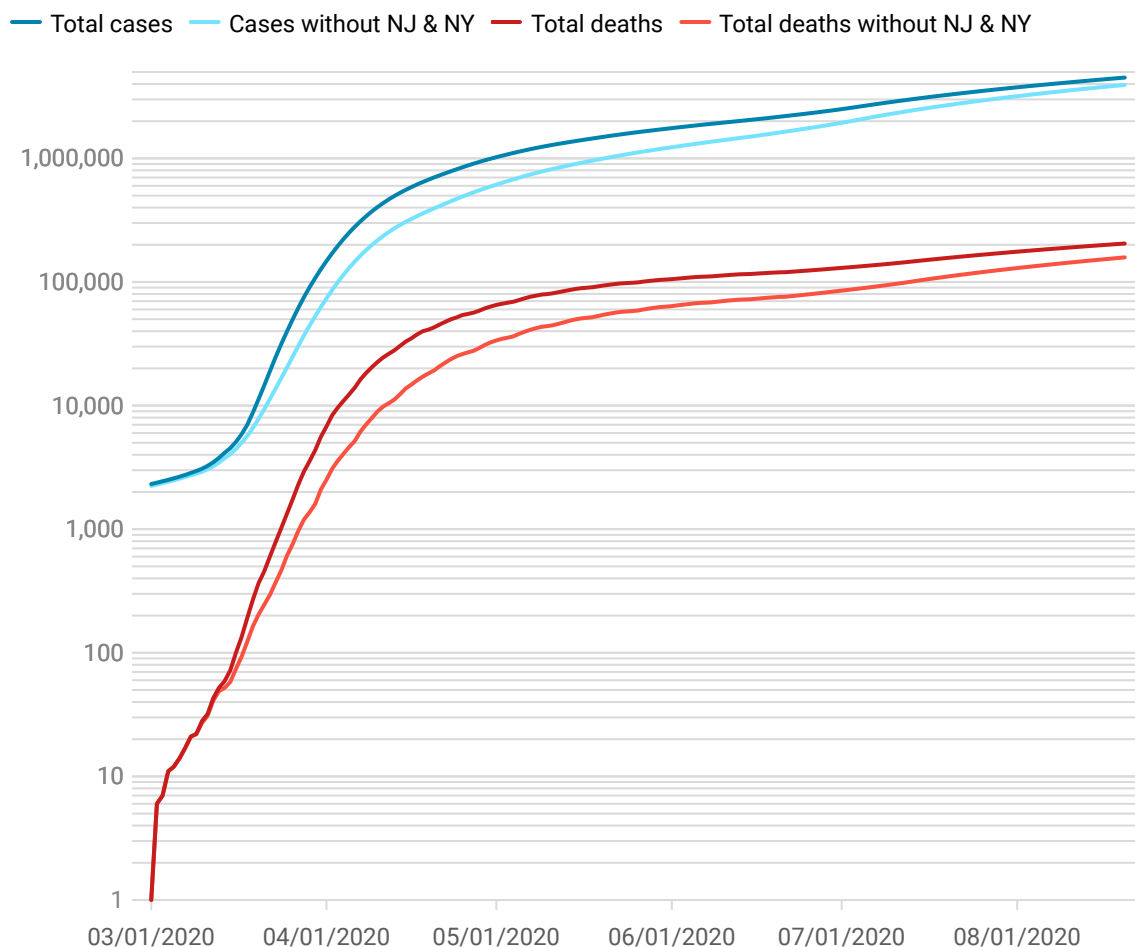
[Get the data](#) • Created with [Datawrapper](#)

The graph is based on 7-day trends in reported new COVID-19 cases (smoothed using 7-day trailing averages). Louisiana and Mississippi did not report cases for several days during this time and are therefore excluded.

The three most populous states now report more than 4,000 new COVID-19 cases per day, and show increasing trends. Two of them, Texas and Florida, show weekly increases of more than 38%.

Total projected COVID-19 cases and deaths

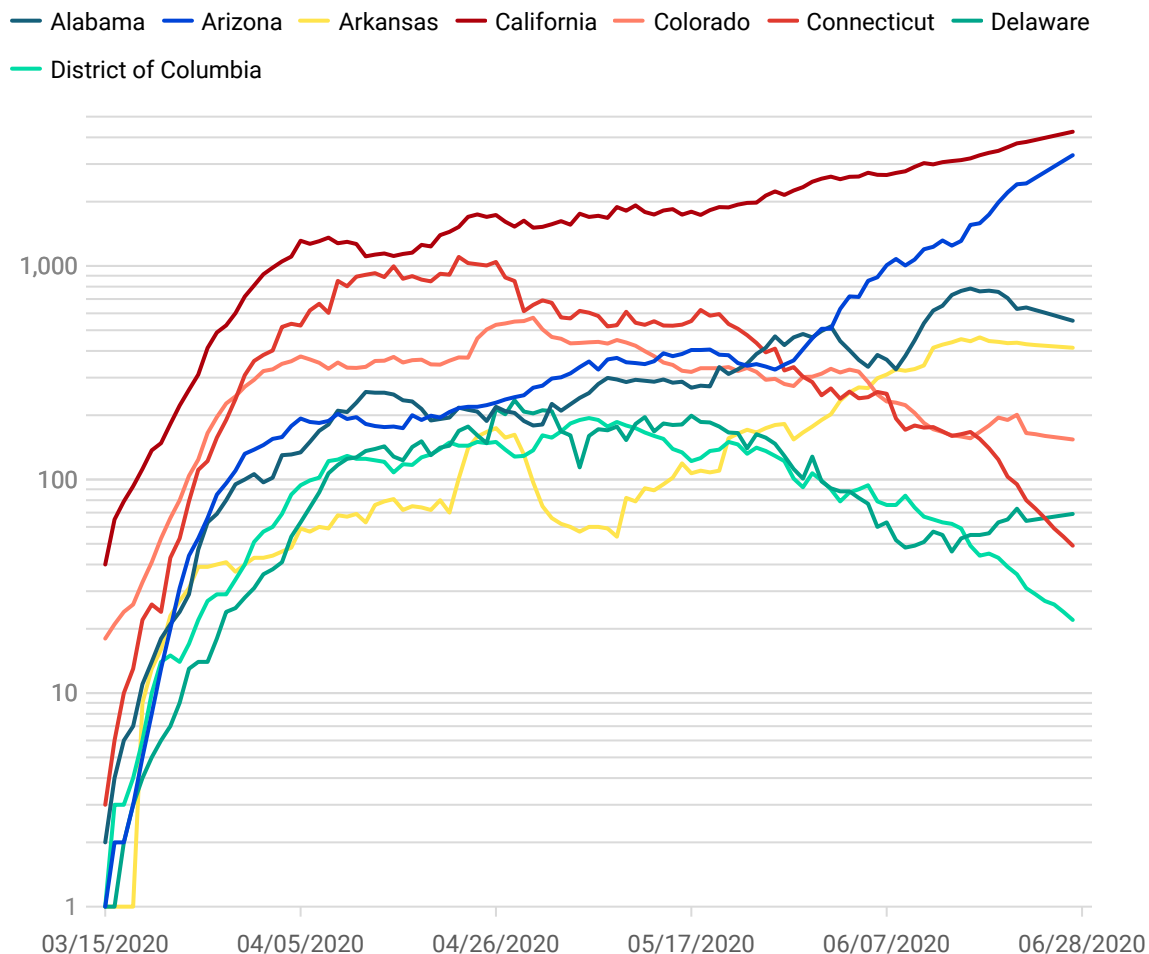
Future growth in cases per day limited to 14 days.



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

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

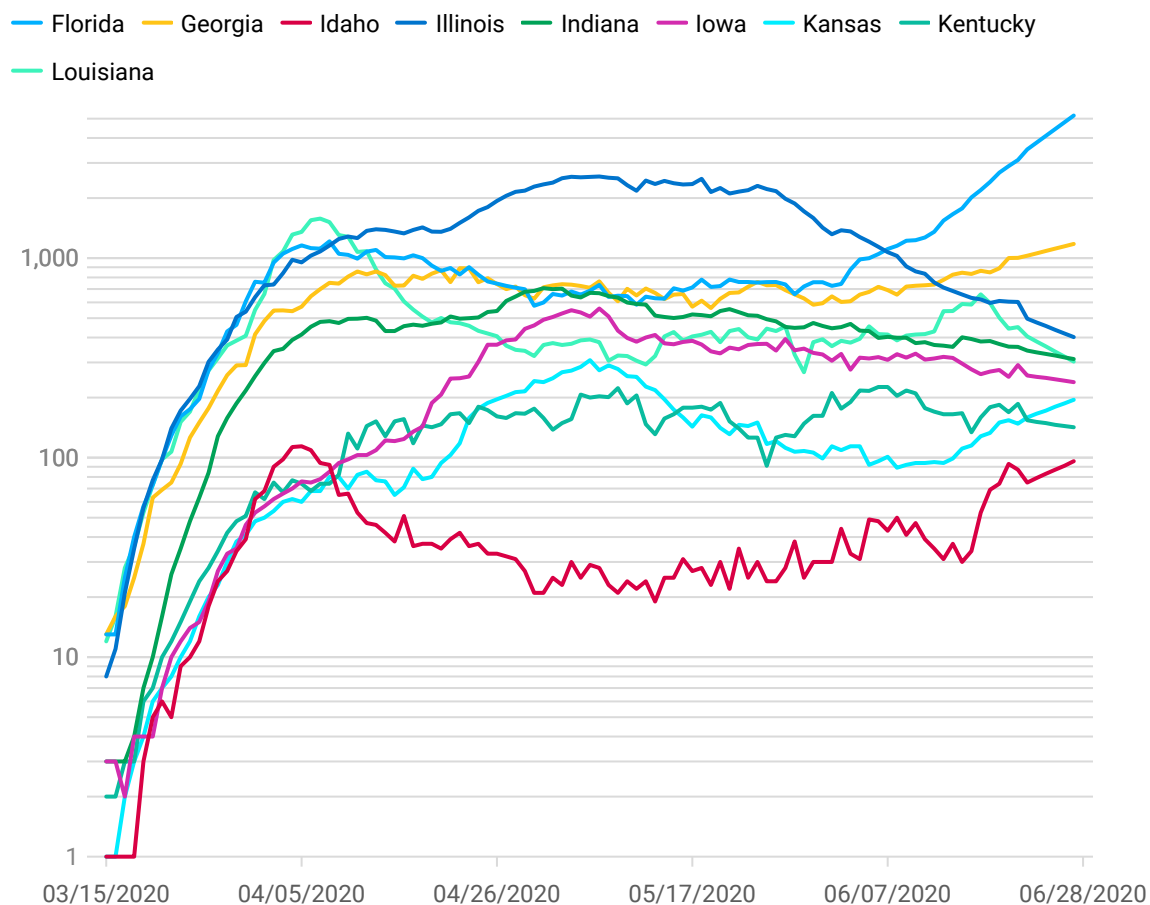
Actual and projected daily COVID-19 cases by state (AL-DC)



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)

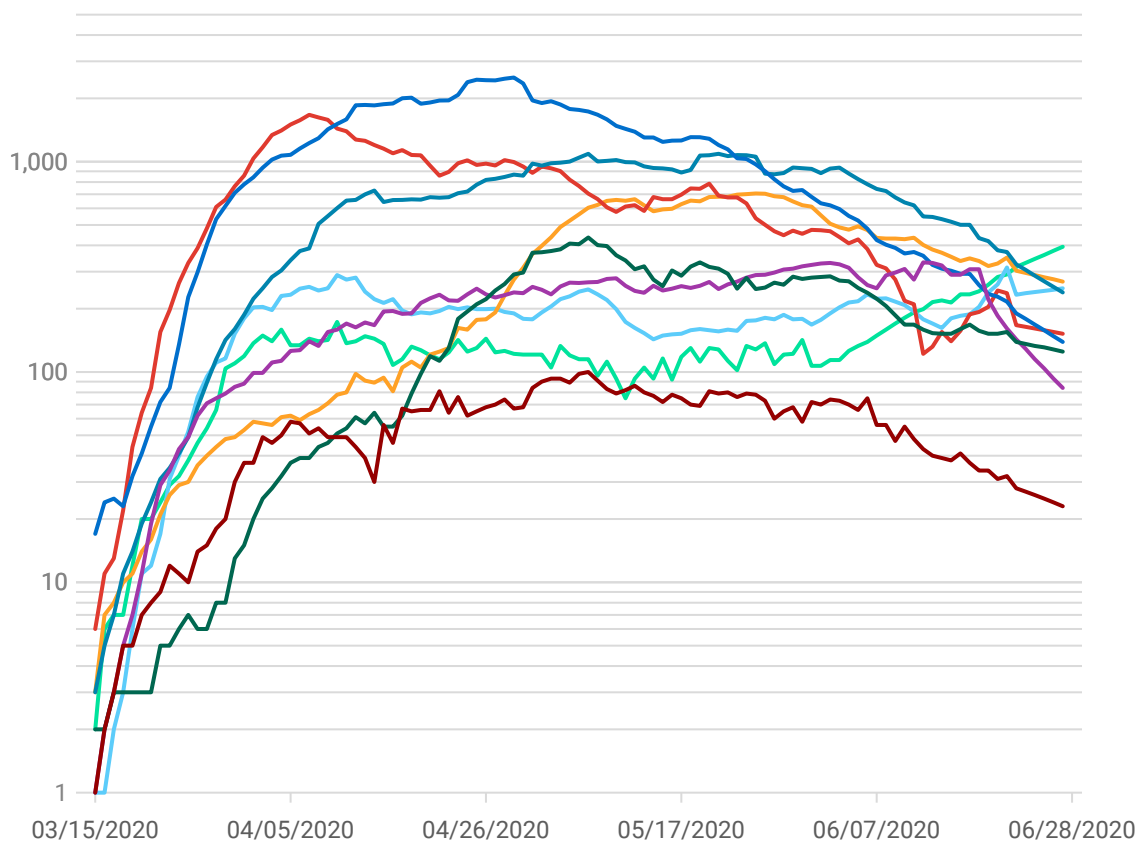


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

Chart: covid19science.blogspot.com • [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

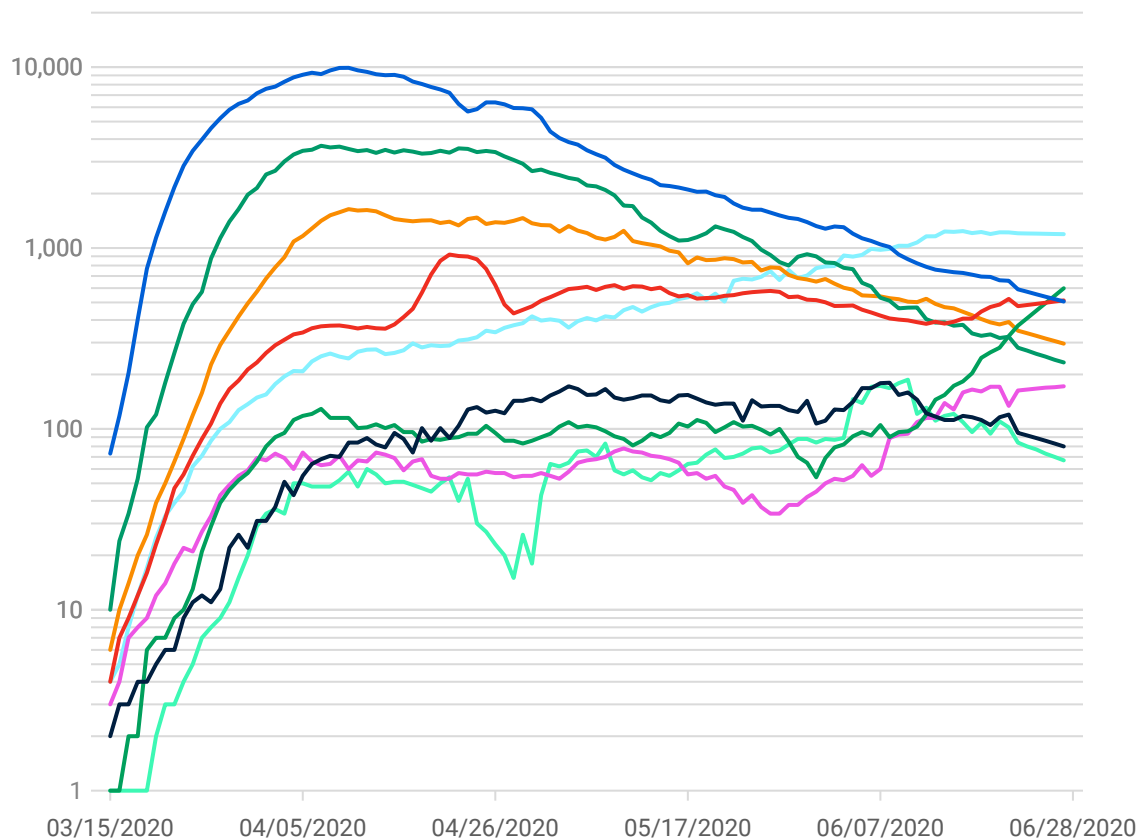


Daily model projections at <https://covid19science.blogspot.com/p/covid-19-model-projections.html>

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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

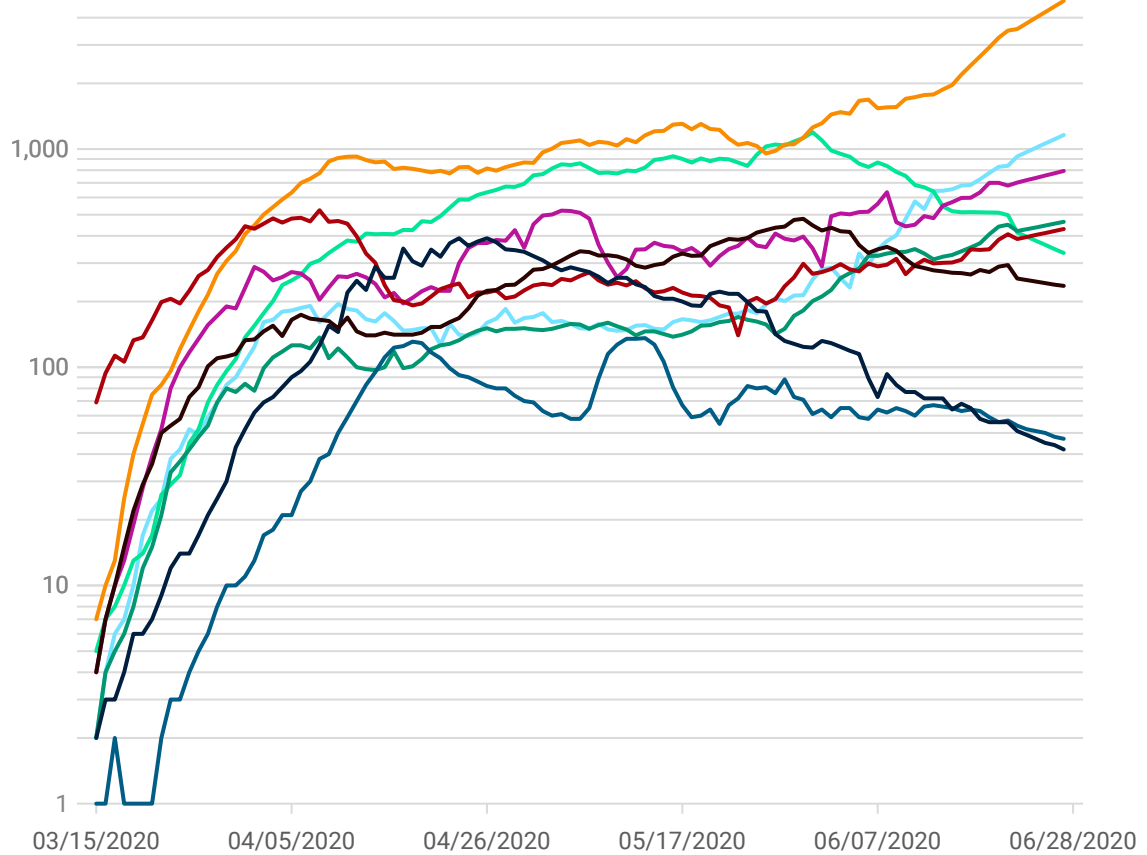


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Actual and projected daily COVID-19 cases by state (RI-WI)

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



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