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

April 23, 2020 with Johns Hopkins Data from 4/22/2020.

Summary

Today's model runs shows lower numbers than yesterday (about 147,000 total deaths within the next two months) than yesterday's run. Reasons include:

- The numbers for "US military" and "Veteran's Hospitals" that were added the day before have been dropped again from the data.
- New York is showing a steeper projected decline in numbers.
- The upward trend in the Ohio numbers that resulted from positive tests in prisons is less steep today. This trend may fall more over the next days.
- More states are showing a downward trend (AZ, FL, LA, ID, MA, MI, MO, NH, PA, OR, SC, SD, TN, TX).
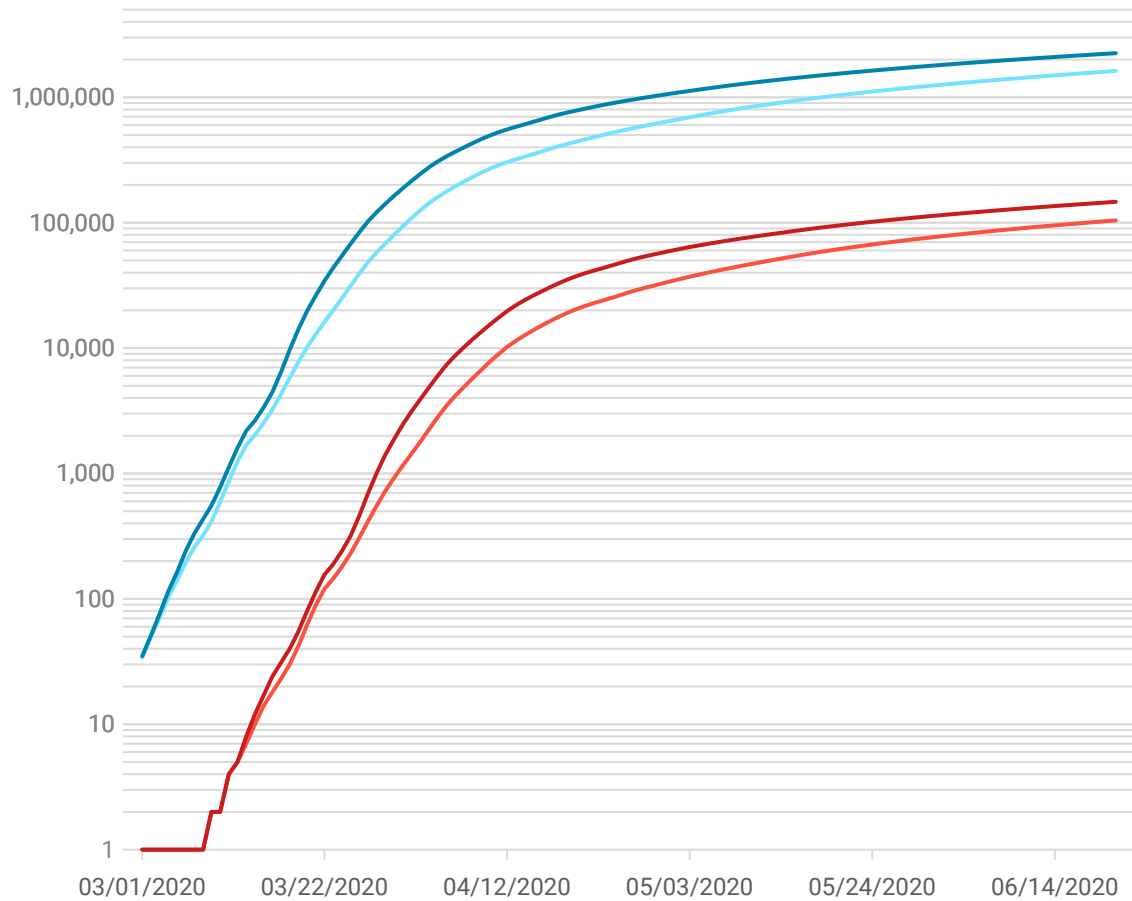
Twelve states show upward trends in daily case numbers (AK, CA, CT, IA, NE, MN, OH, NM, RI, UT, VA, WA).

The total numbers shown are calculated by adding the projections for all individual states and regions. At the end of the forecast period, the number of projected COVID-19 deaths   is about 1,300 *per day*, or about 39,000 *per month*. This is significantly lower than yesterday's rate of 2,341 deaths.

Total projected COVID-19 cases and deaths

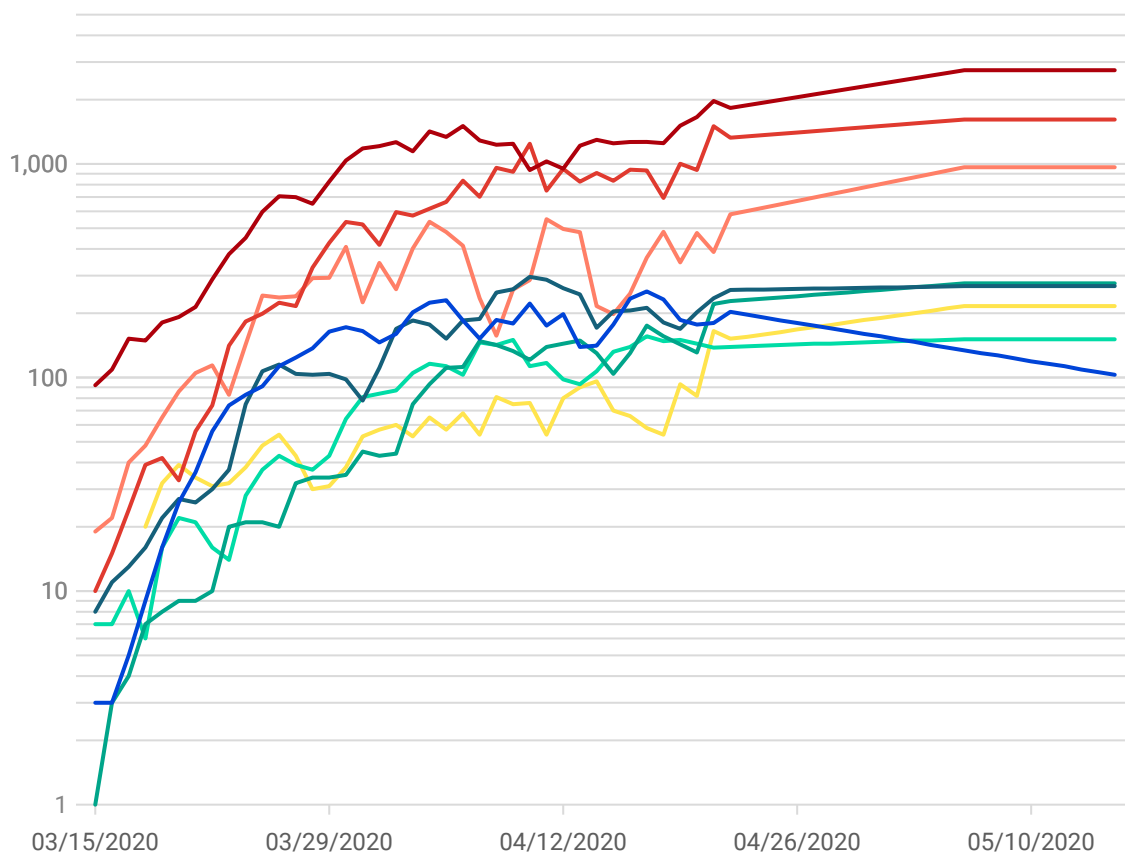Future growth in cases per day limited to 14 days; 146,700 deaths by 6/21/2020 (104,329 without NJ & NY)

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

Get the data • Created with Datawrapper

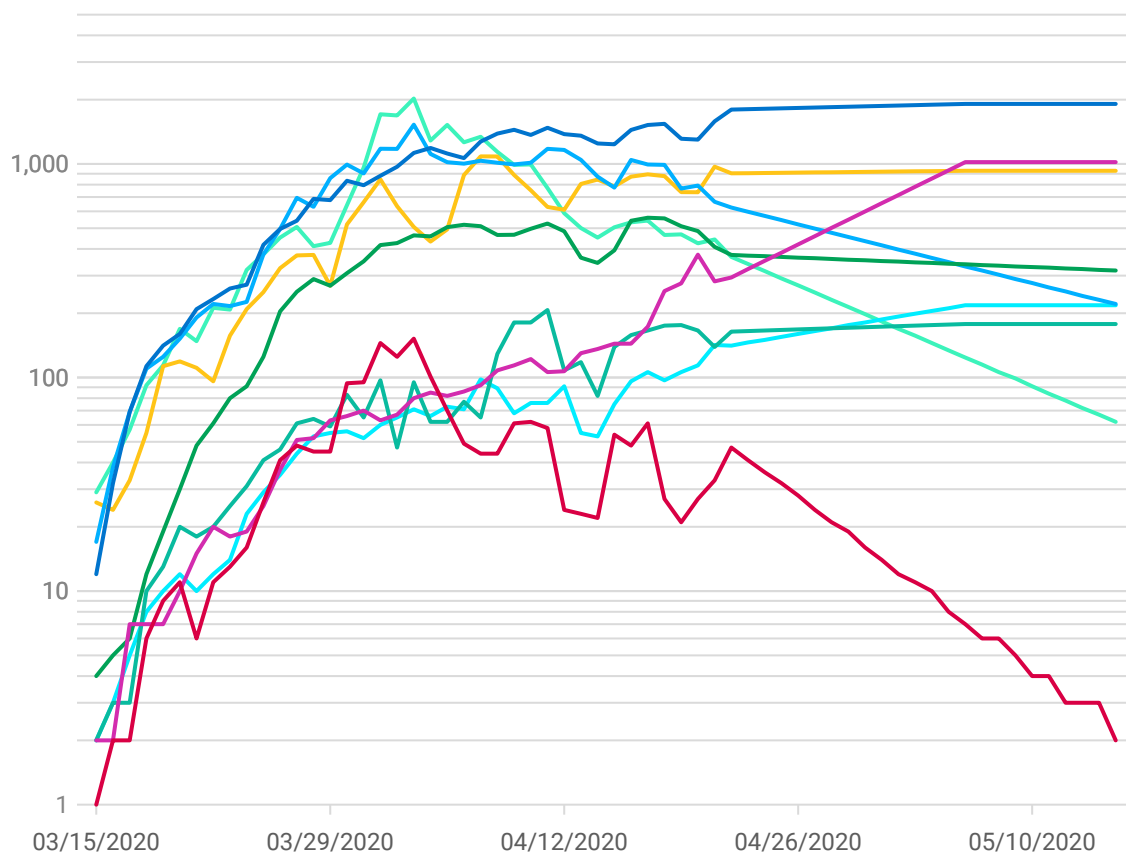## Actual and projected daily COVID-19 cases by state (AL-DC)

— Alabama — Arizona — Arkansas — California — Colorado — Connecticut — Delaware
— District of Columbia

Get the data • Created with Datawrapper

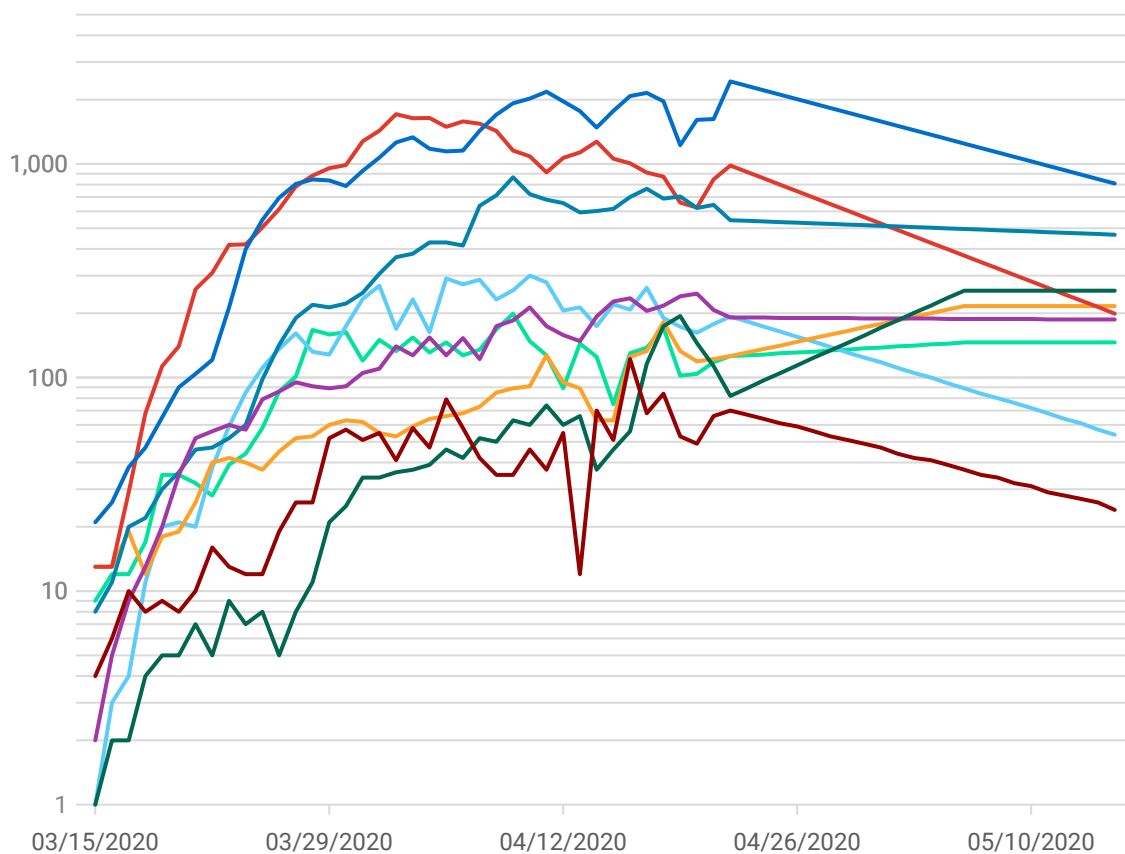# Actual and projected daily COVID-19 cases by state (FL-LA)

— Florida　— Georgia　— Idaho　— Illinois　— Indiana　— Iowa　— Kansas　— Kentucky

— Louisiana

Get the data · Created with Datawrapper

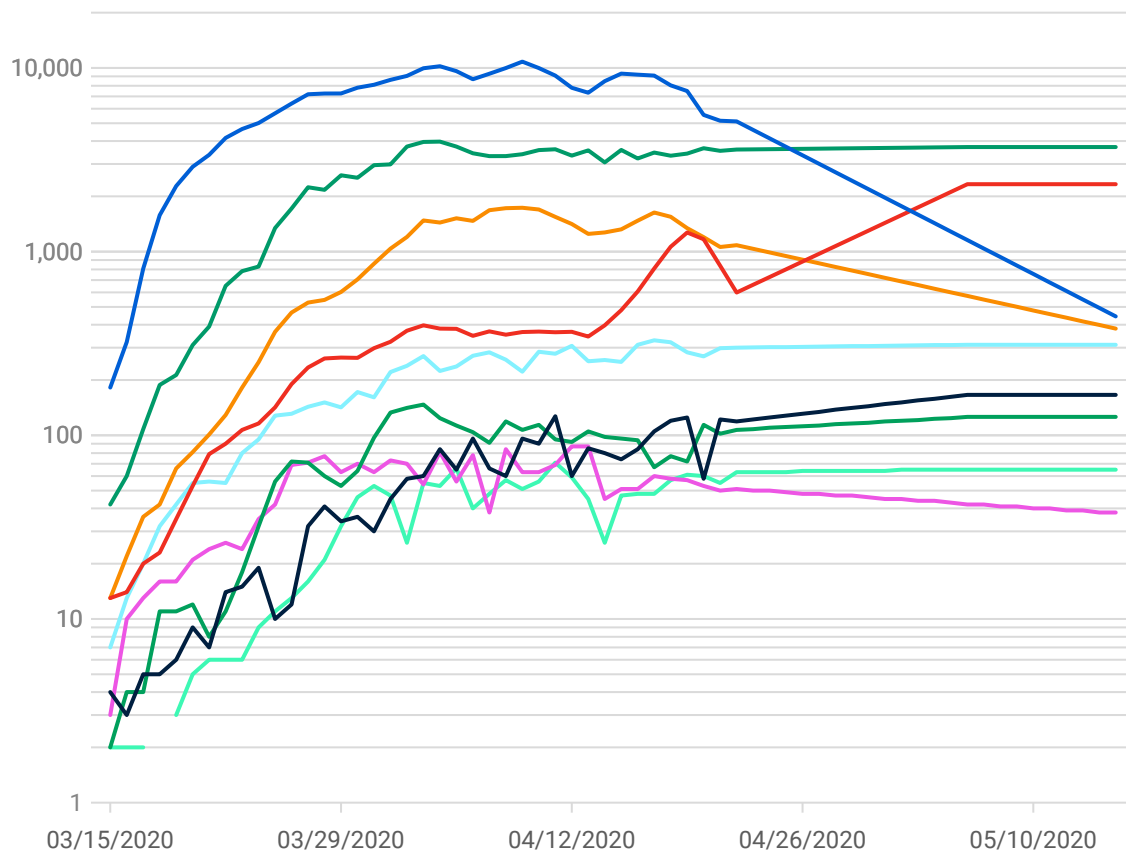# Actual and projected daily COVID-19 cases by state (MD-NH)

Get the data • Created with Datawrapper

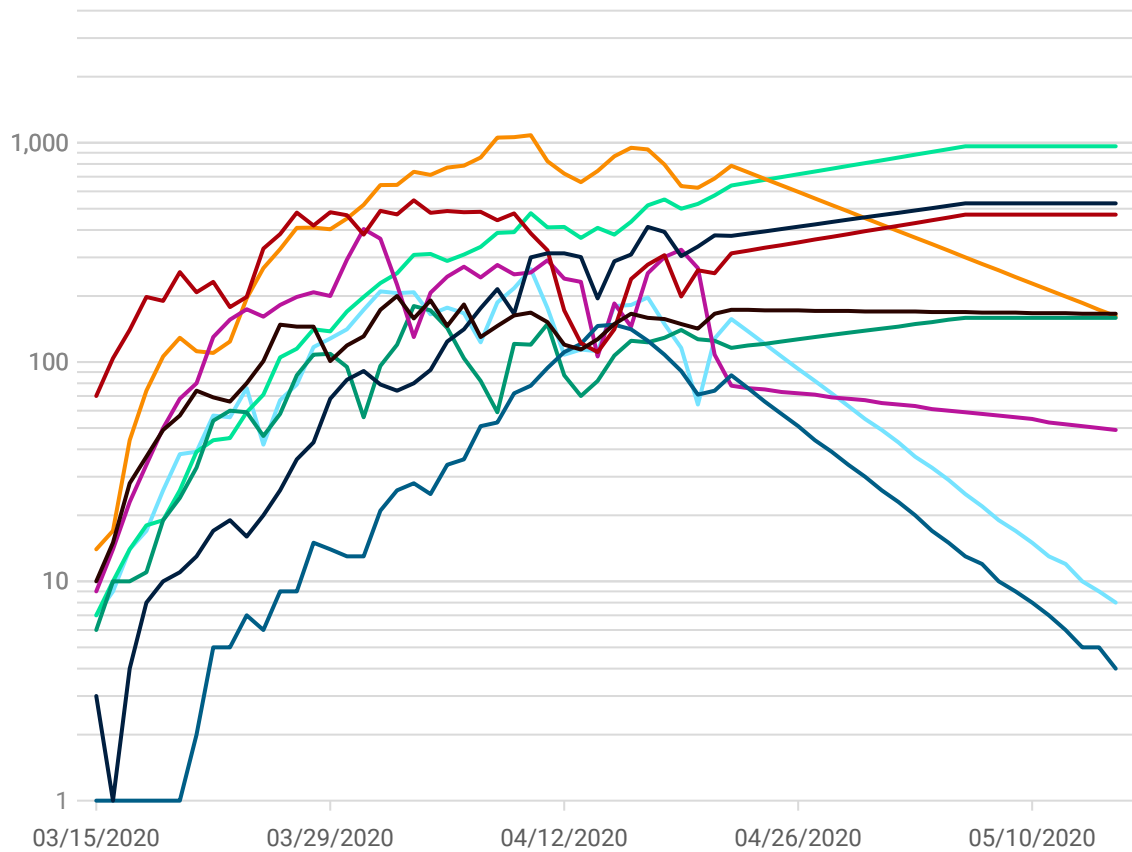## Actual and projected daily COVID-19 cases by state (NM-PR)

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

Get the data • Created with Datawrapper

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

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

Get the data • Created with Datawrapper

Home

Subscribe to: Posts (Atom)

Simple theme. Powered by Blogger.