

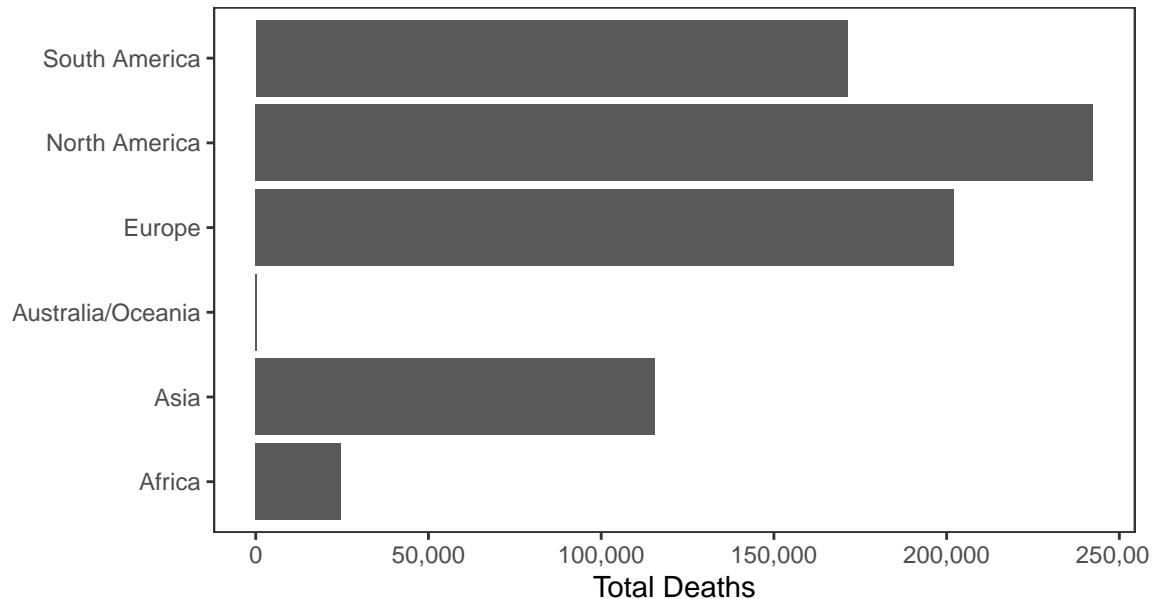
Erik's Covid-19 Chart Pack

Data updated 2020-08-14 18:57:10. World data are from Worldometers. National and state-level mortality, case, and testing data are from Johns-Hopkins University. County and city-level mortality and case data are from the New York Times. Most data presented in this report were accessed through APIs provided by The COVID Tracking Project and NovelCOVID API.

World Data

There have been 21,059,277 confirmed Covid-19 cases and 756,719 deaths worldwide.

Deaths



Cases

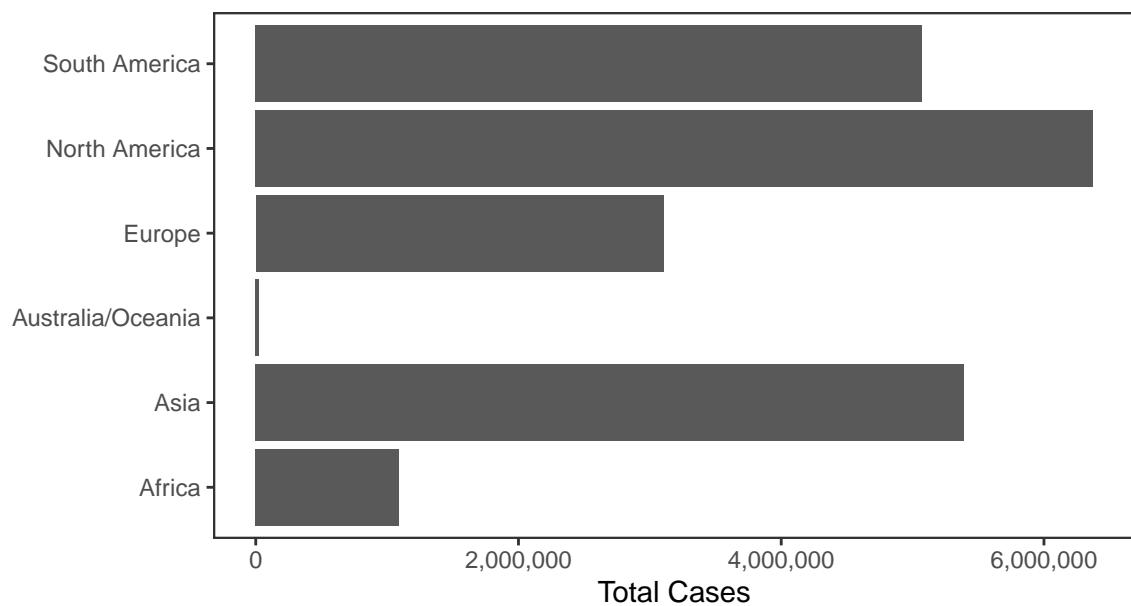
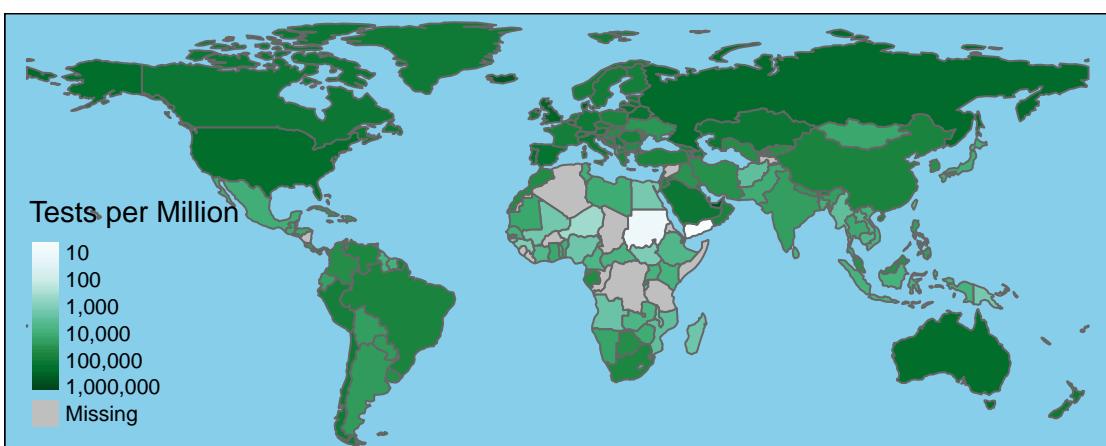
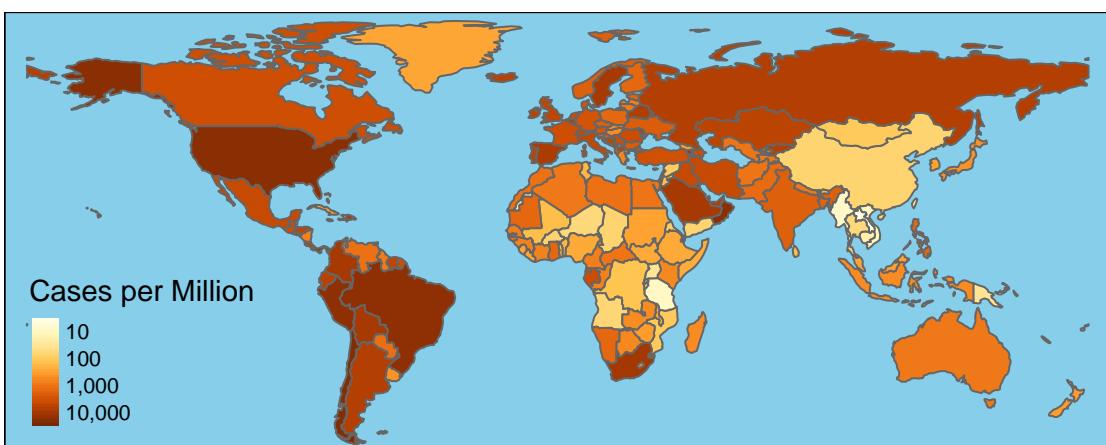
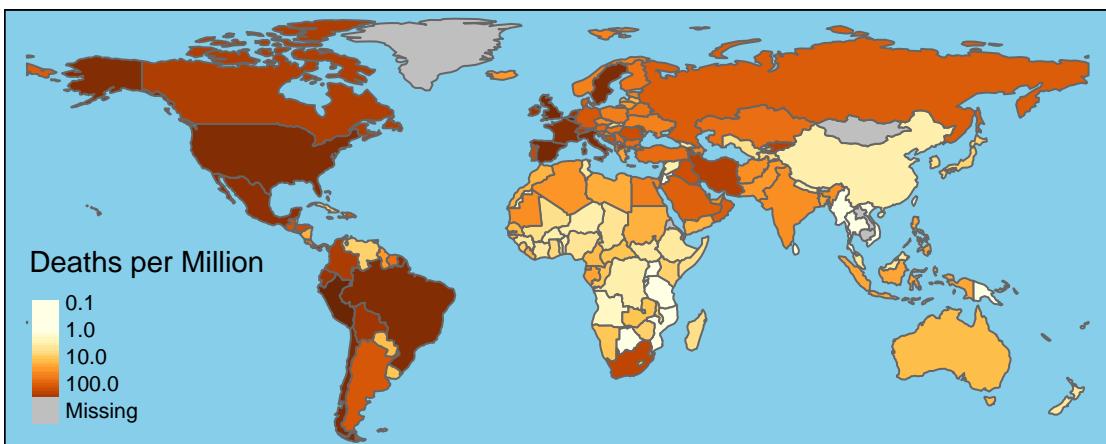


Table 1: Top Countries by Total Cases

Country	Cases	Deaths	New Cases	New Deaths
USA	5,415,666	170,415	55,364	1,284
Brazil	3,229,621	105,564	59,147	1,301
India	2,459,613	48,144	64,142	1,006
Russia	907,758	15,384	5,057	124
South Africa	572,865	11,270	3,946	260
Peru	507,996	25,648	9,441	168
Mexico	498,380	54,666	5,858	737
Colombia	433,805	14,145	11,286	308
Chile	380,034	10,299	1,866	94
Spain	355,856	28,605	2,935	26
Iran	336,324	19,162	2,625	174
UK	314,927	41,347	1,129	18
Saudi Arabia	294,519	3,303	1,482	34
Pakistan	286,674	6,139	753	10
Argentina	276,072	5,362	7,498	149
Bangladesh	269,115	3,557	2,617	44
Italy	252,235	35,231	522	6
Turkey	245,635	5,912	1,243	21
Germany	222,269	9,281	1,419	5
France	209,365	30,388	2,669	17



National Data

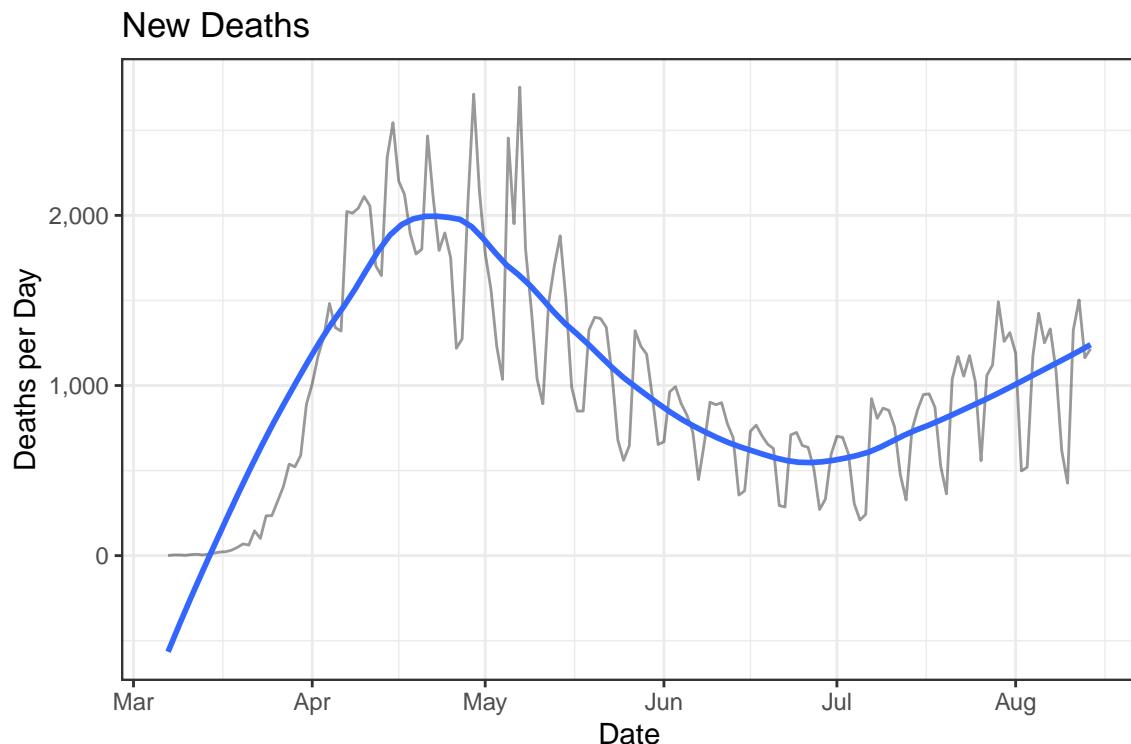
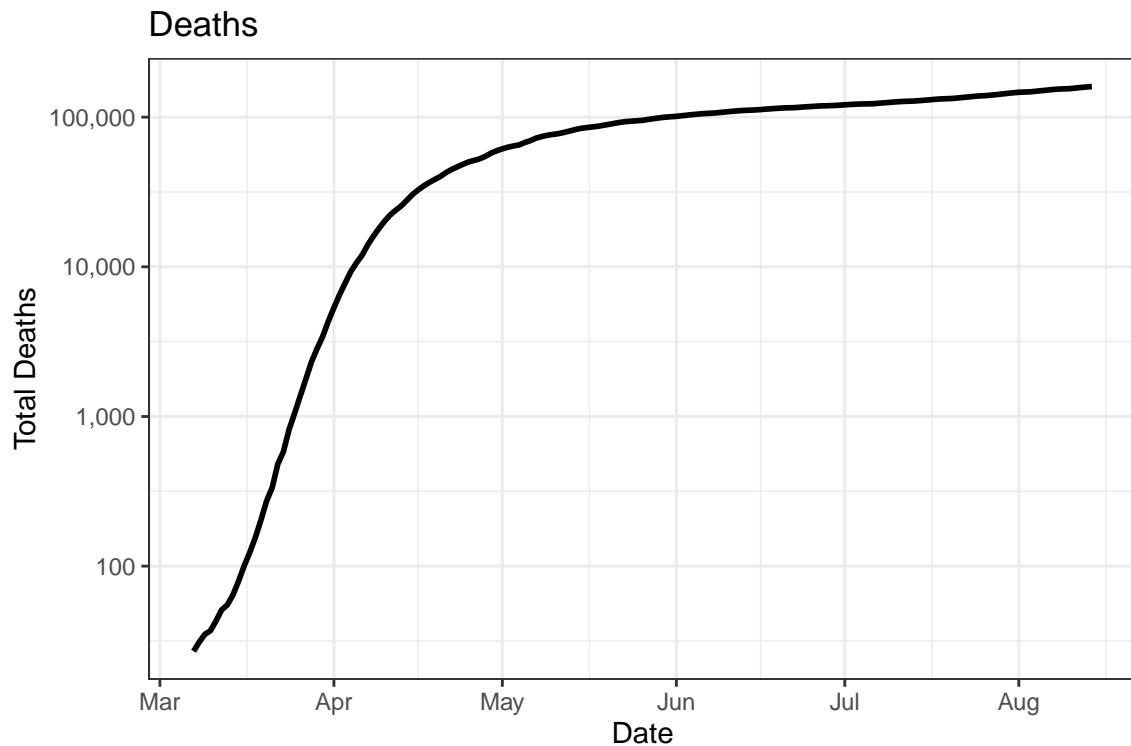
There have been 5,279,863 confirmed Covid-19 cases and 160,155 deaths in the United States.

Table 2: U.S. Deaths and Cases over the Last Two Weeks

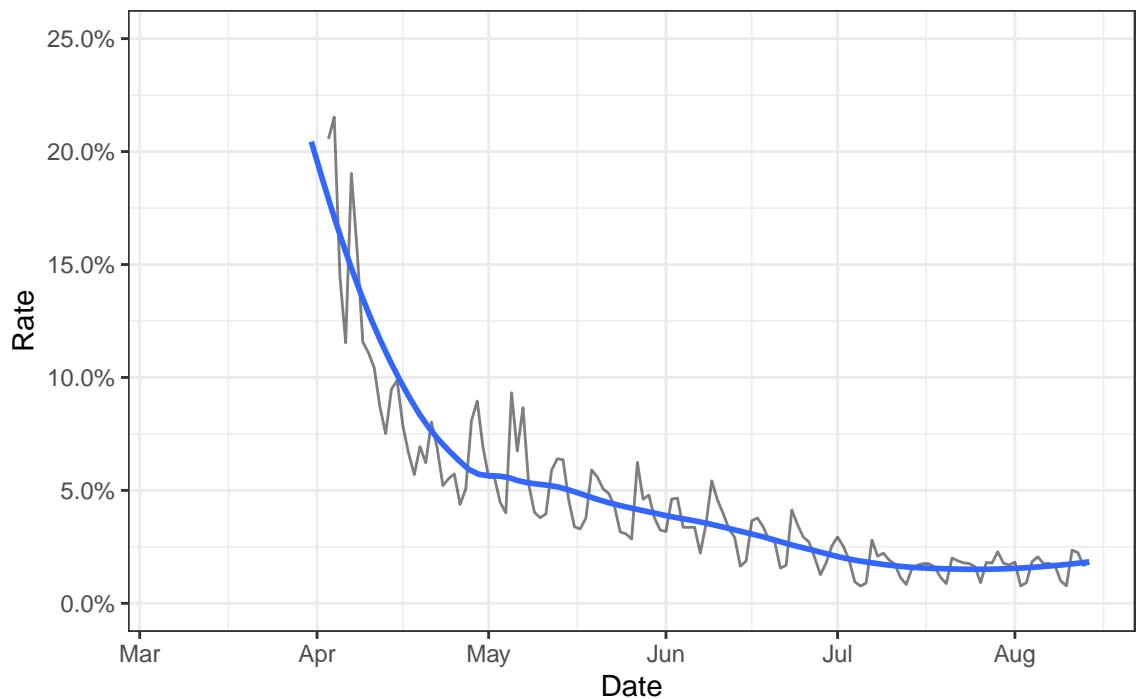
Date	Cases	Deaths	New Cases	New Deaths
2020-08-14	5,279,863	160,155	55,649	1,216
2020-08-13	5,224,214	158,939	51,705	1,163
2020-08-12	5,172,509	157,776	56,035	1,503
2020-08-11	5,116,474	156,273	55,594	1,326
2020-08-10	5,060,880	154,947	41,807	426
2020-08-09	5,019,073	154,521	51,319	616
2020-08-08	4,967,754	153,905	54,091	1,089
2020-08-07	4,913,663	152,816	61,520	1,333
2020-08-06	4,852,143	151,483	54,184	1,251
2020-08-05	4,797,959	150,232	52,265	1,425
2020-08-04	4,745,694	148,807	51,568	1,176
2020-08-03	4,694,126	147,631	49,561	519
2020-08-02	4,644,565	147,112	48,266	498
2020-08-01	4,596,299	146,614	60,692	1,189

Deaths

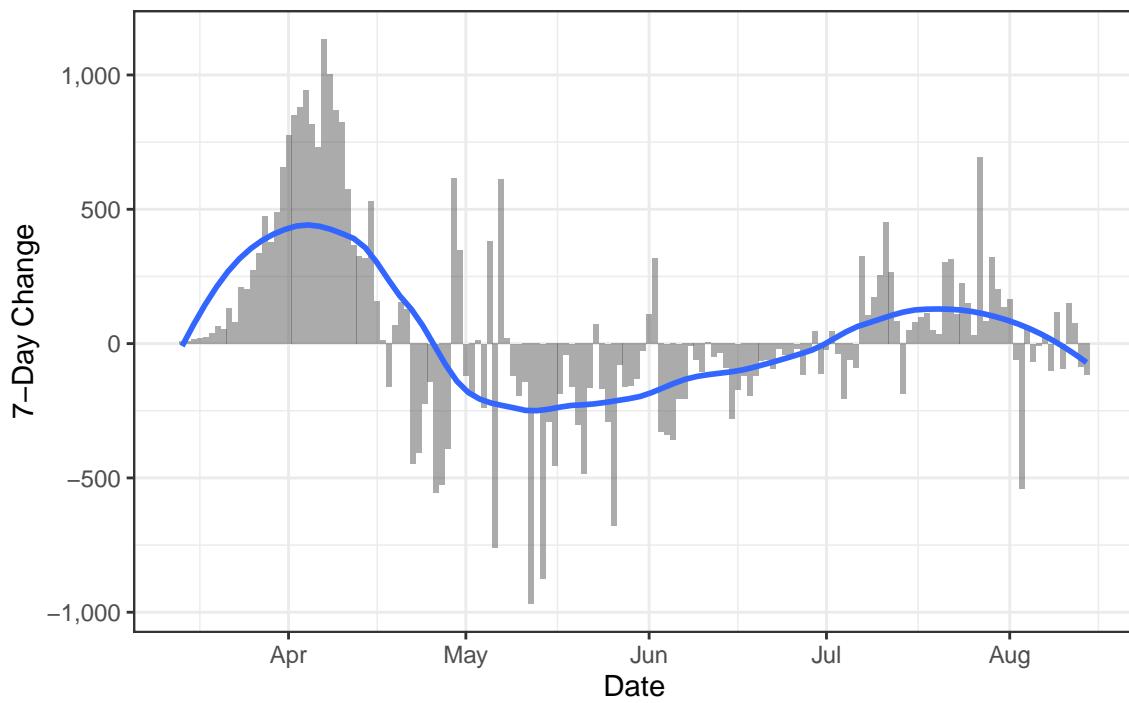
Because the effects of the virus can take several weeks to manifest in patients, deaths are a lagging indicator of contagion, but they may be a more reliable than case counts, which are a function of both the prevalence of the disease and the rate of testing. The case mortality rate is a very crude indicator of lethality because a large numbers of non-lethal cases are likely never detected. A declining case mortality rate is indicative of more widespread testing.

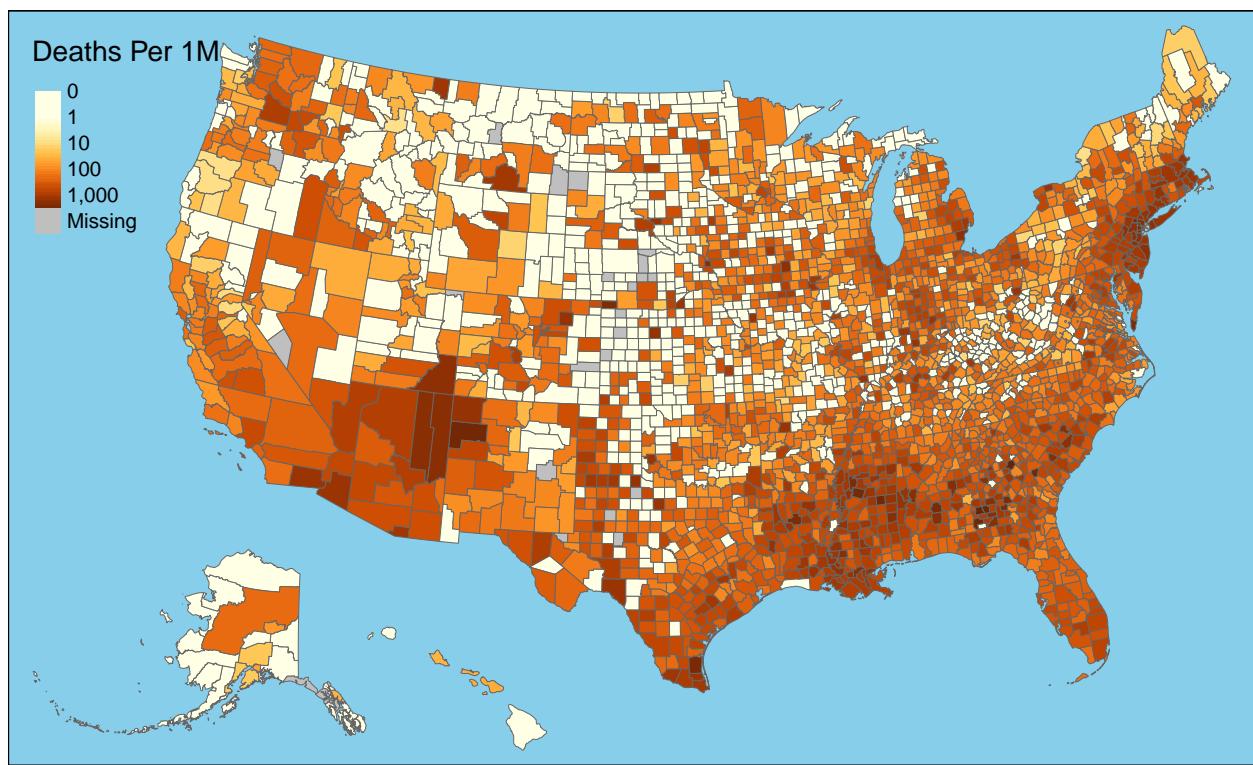


Daily Case Mortality Rate



One-Week Change in Daily Deaths

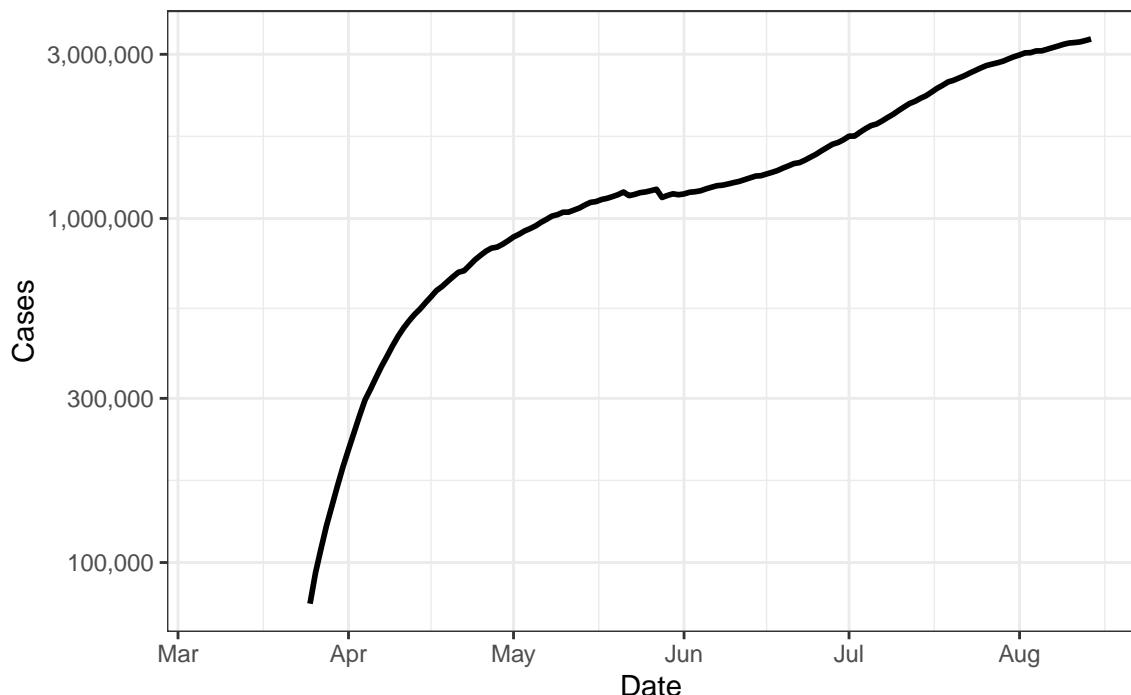




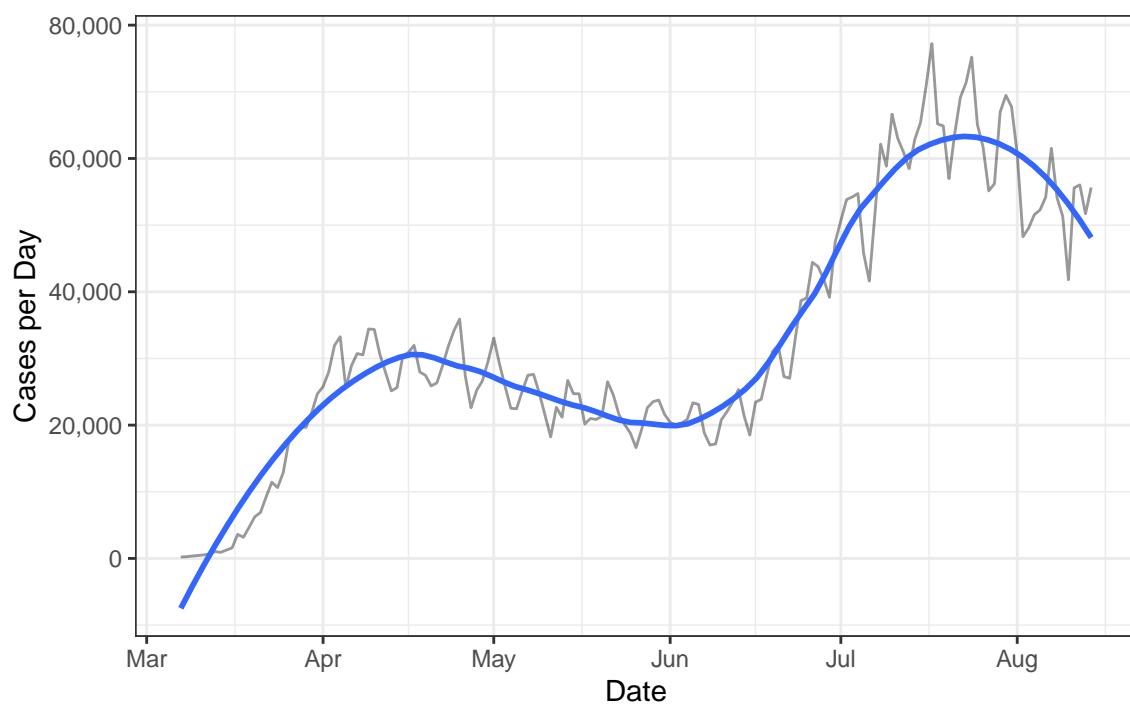
Cases

Reported cases are a function of both the spread of the disease and the prevalence of testing.

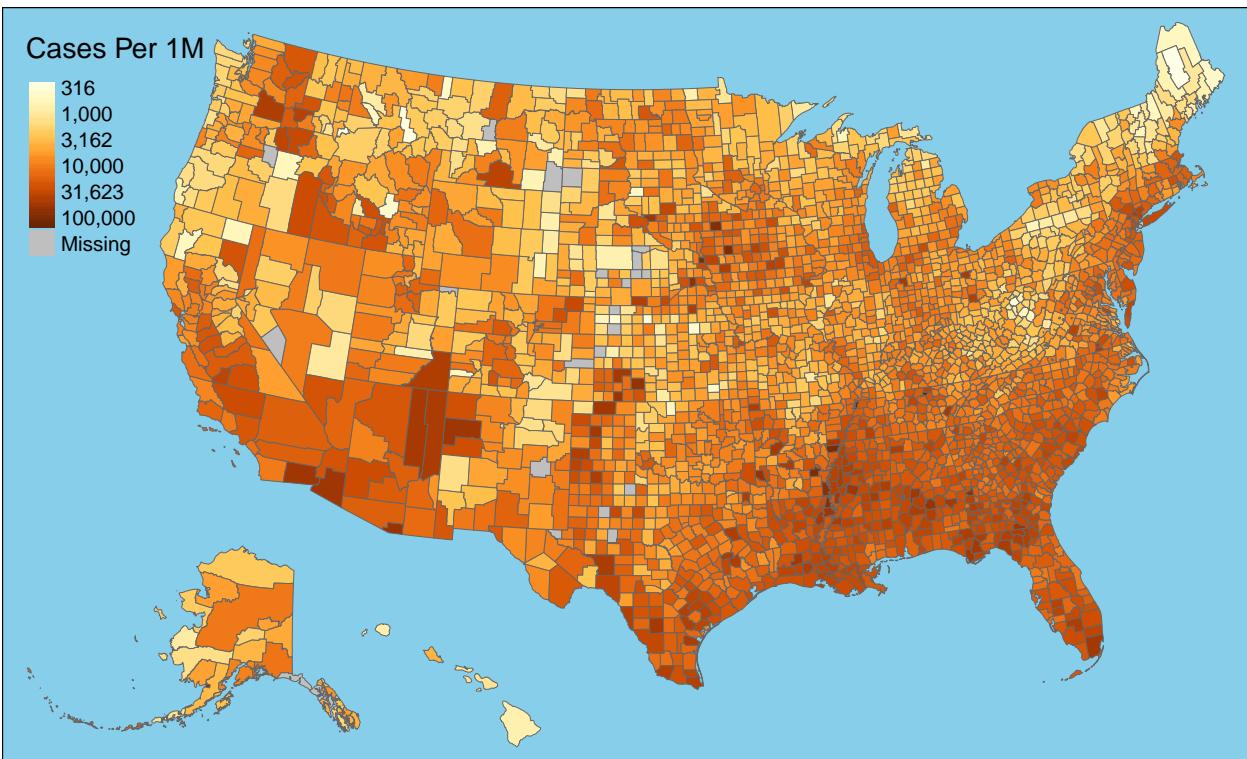
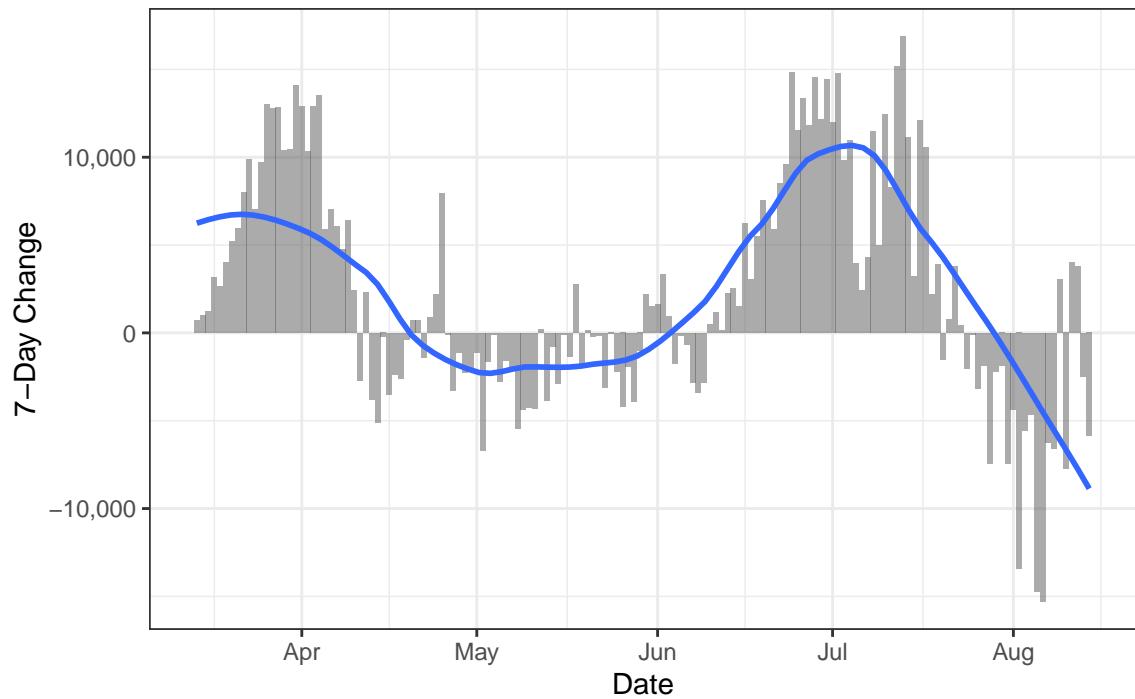
Active Cases



New Cases

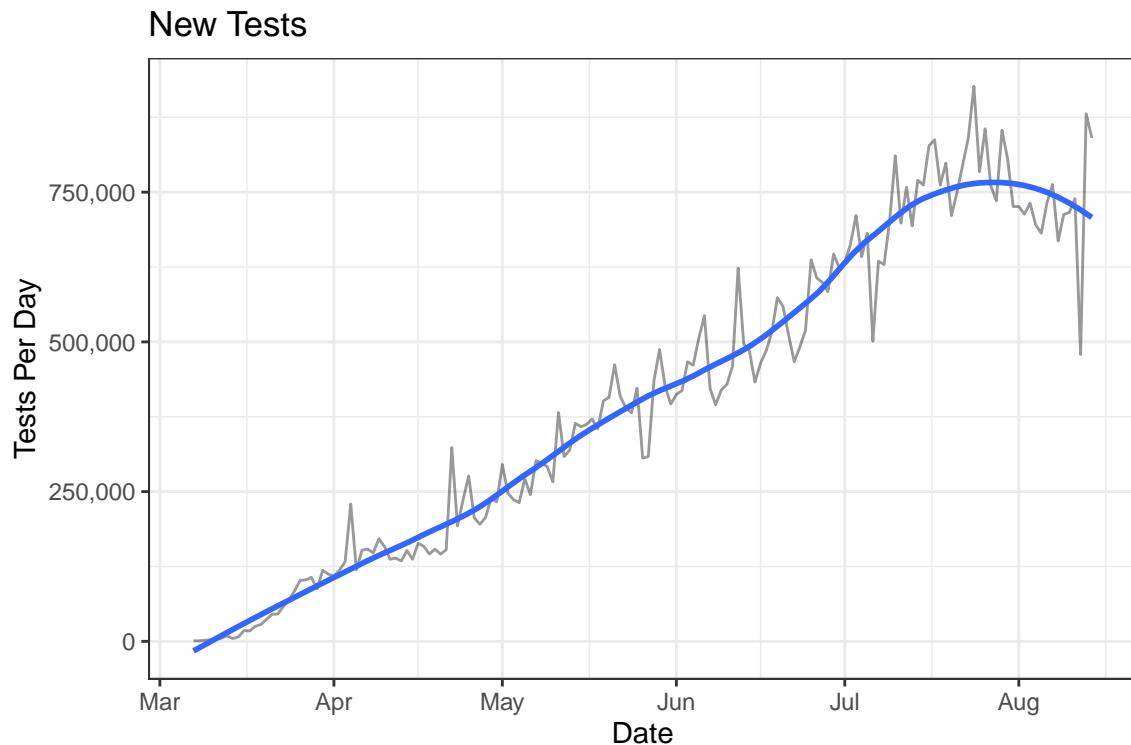
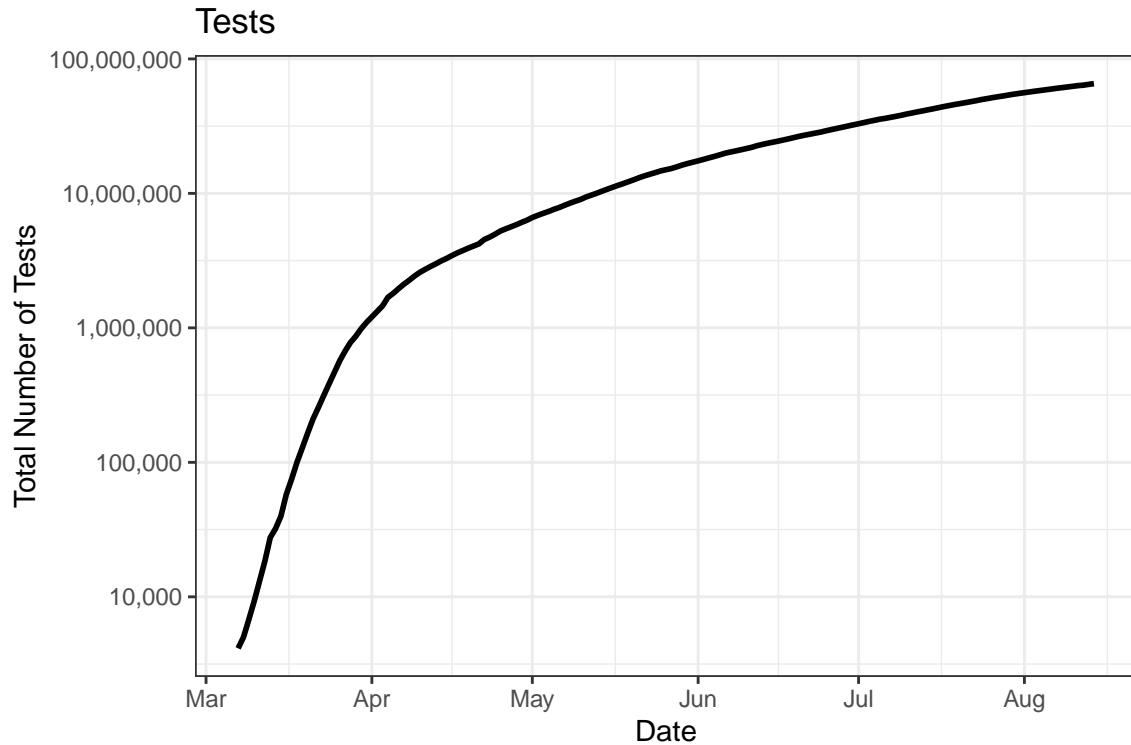


One-Week Change in Daily Cases

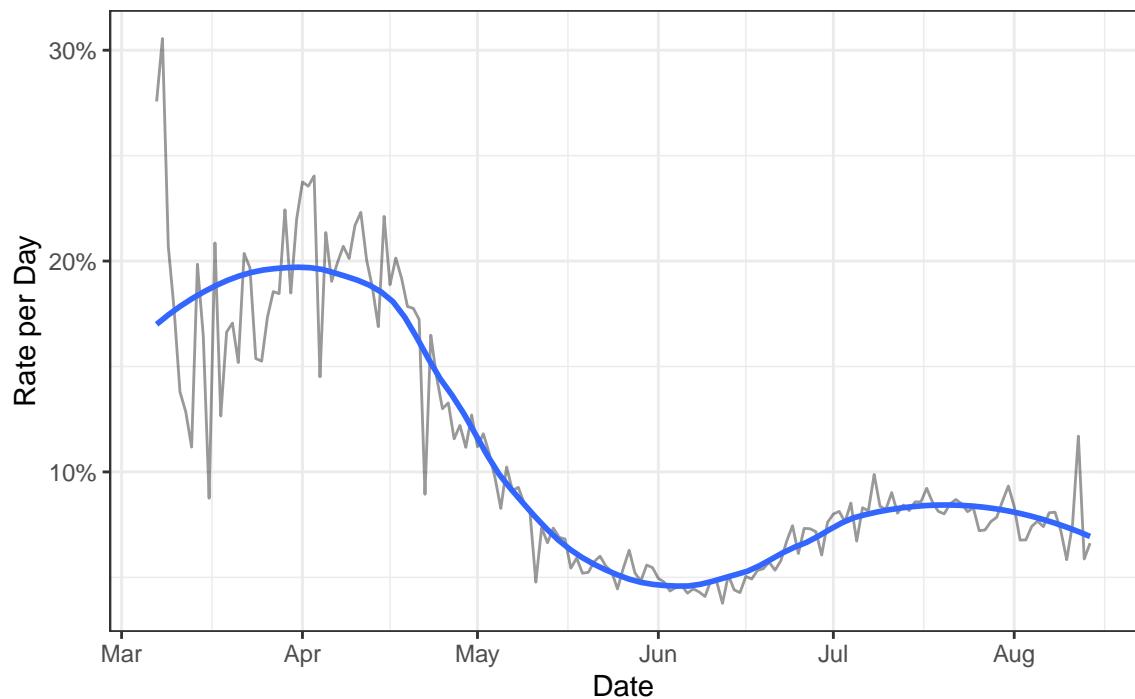


Testing

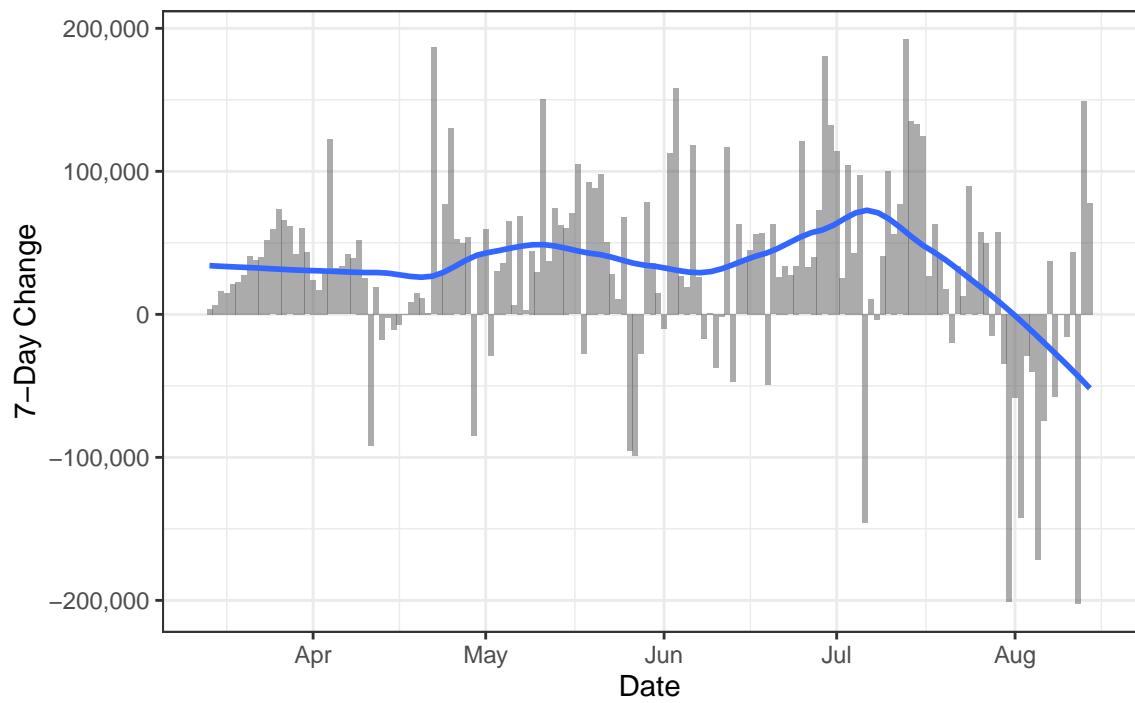
Widespread testing is necessary for managing the spread of the disease. The following charts show how testing in the United States has changed over time. When the supply of available tests is limited, they are typically only used for patients whose symptoms suggest they are likely to have contracted the virus. A high positive test rate indicates that testing capacity is constrained.



Positive Test Rate



One-Week Change in Daily Tests

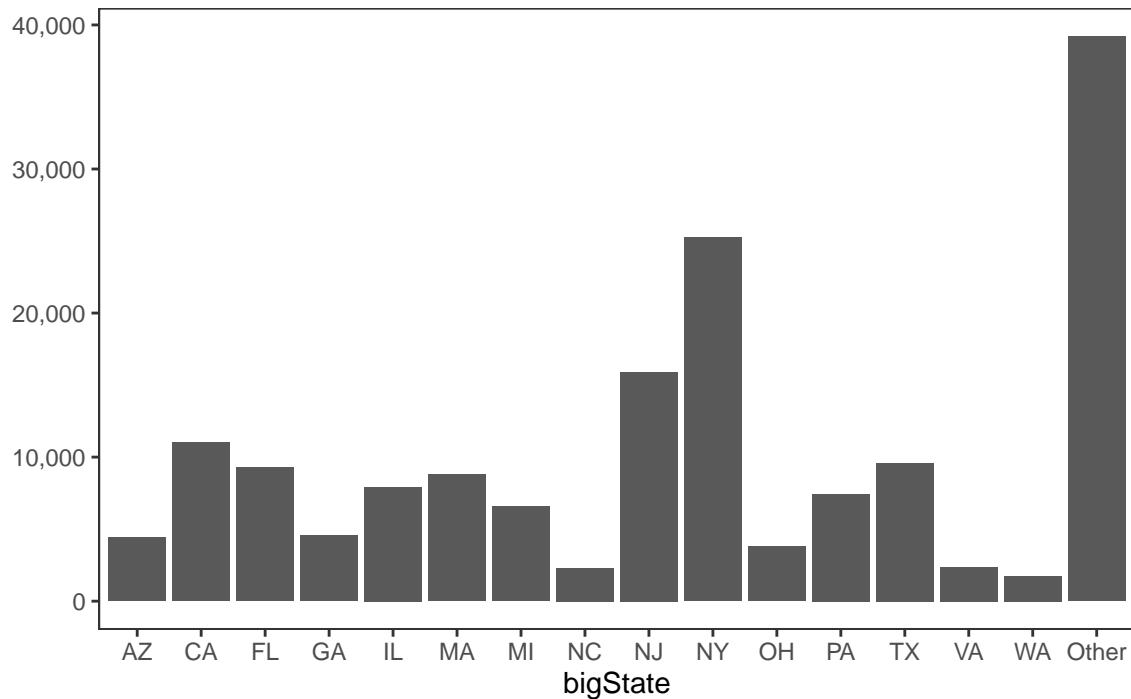


State Data

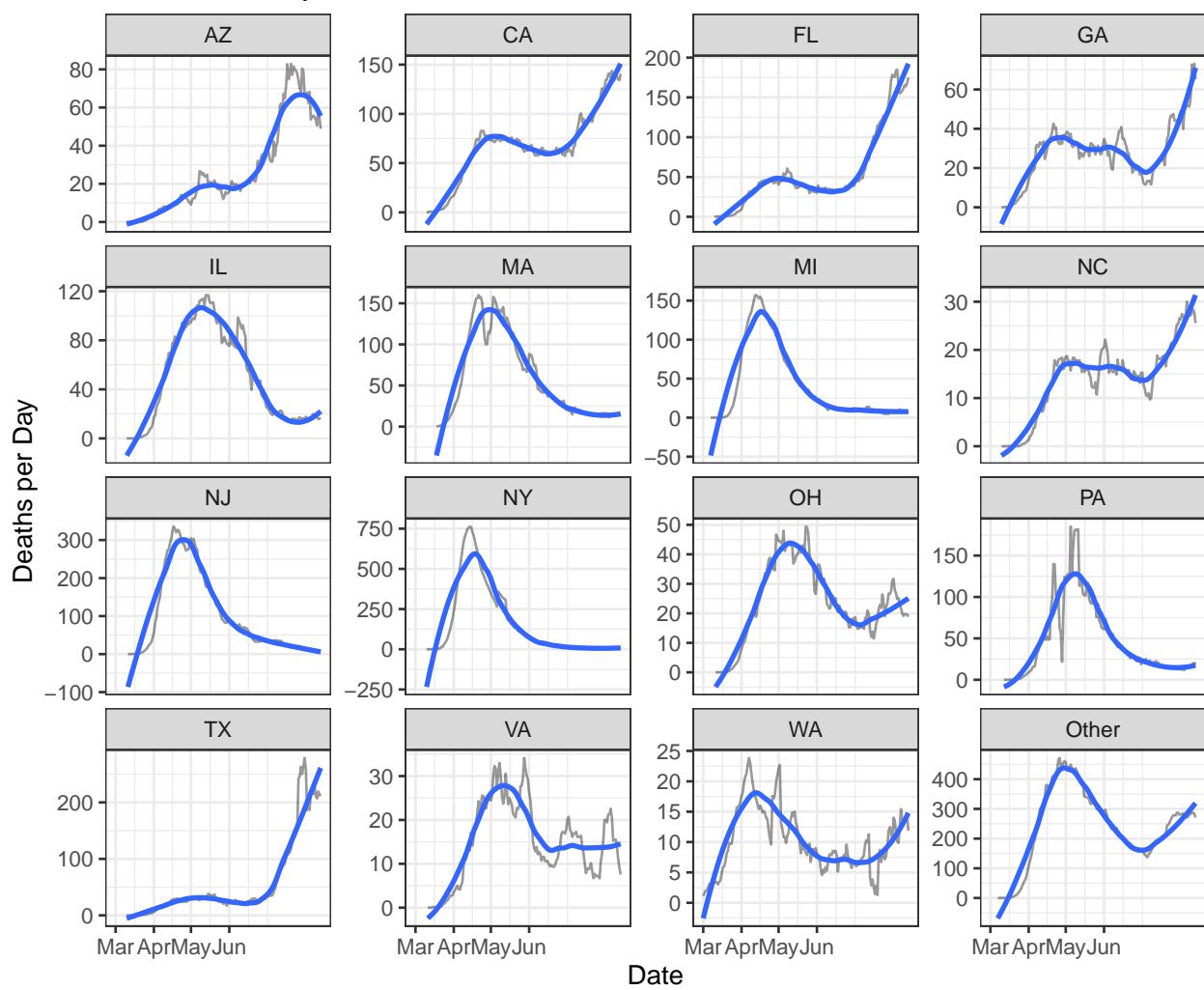
This section summarizes state-level data. Most data are reported for the largest 15 states by population, which account for NaN percent of the total U.S. population.

Deaths

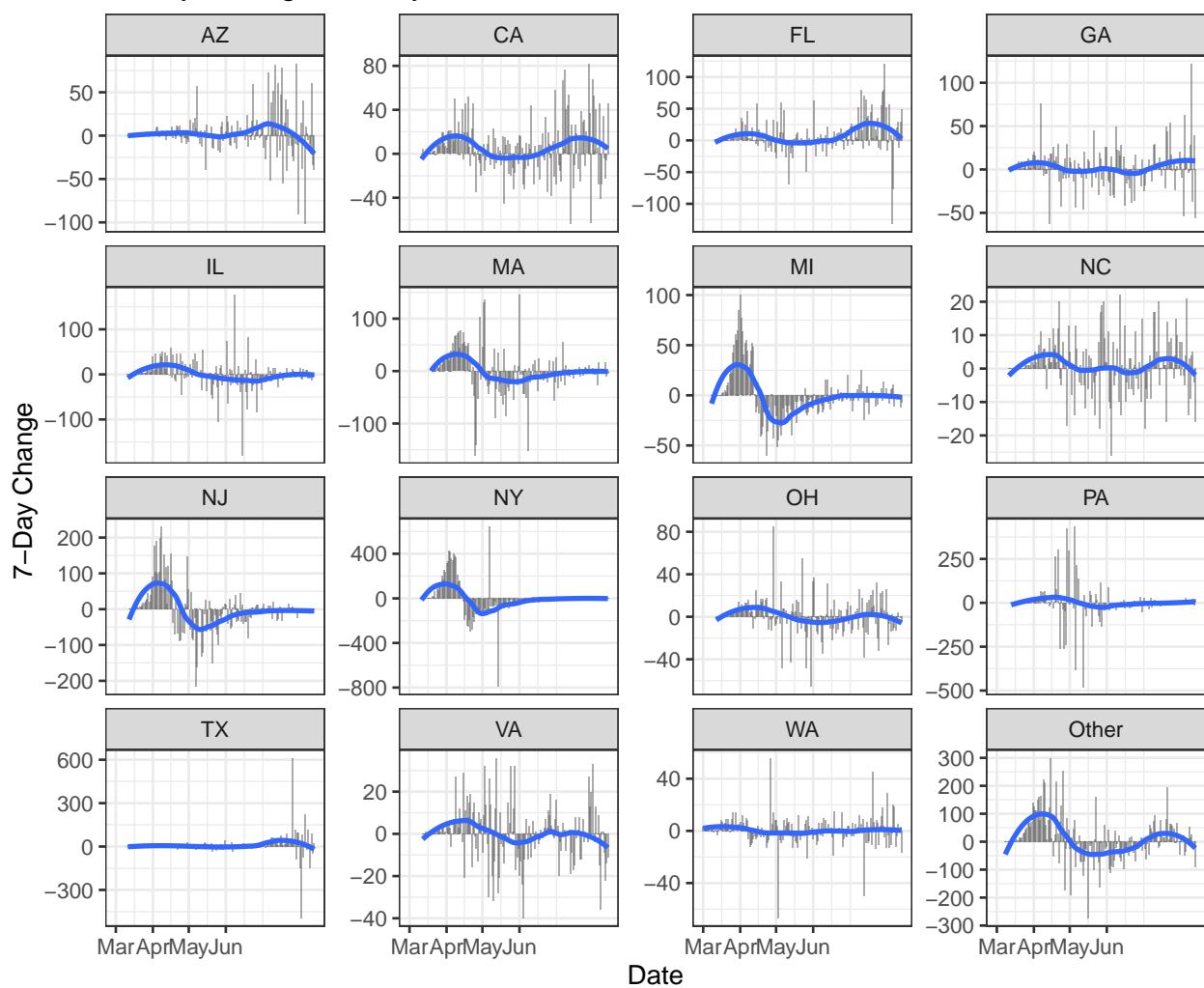
Deaths by State

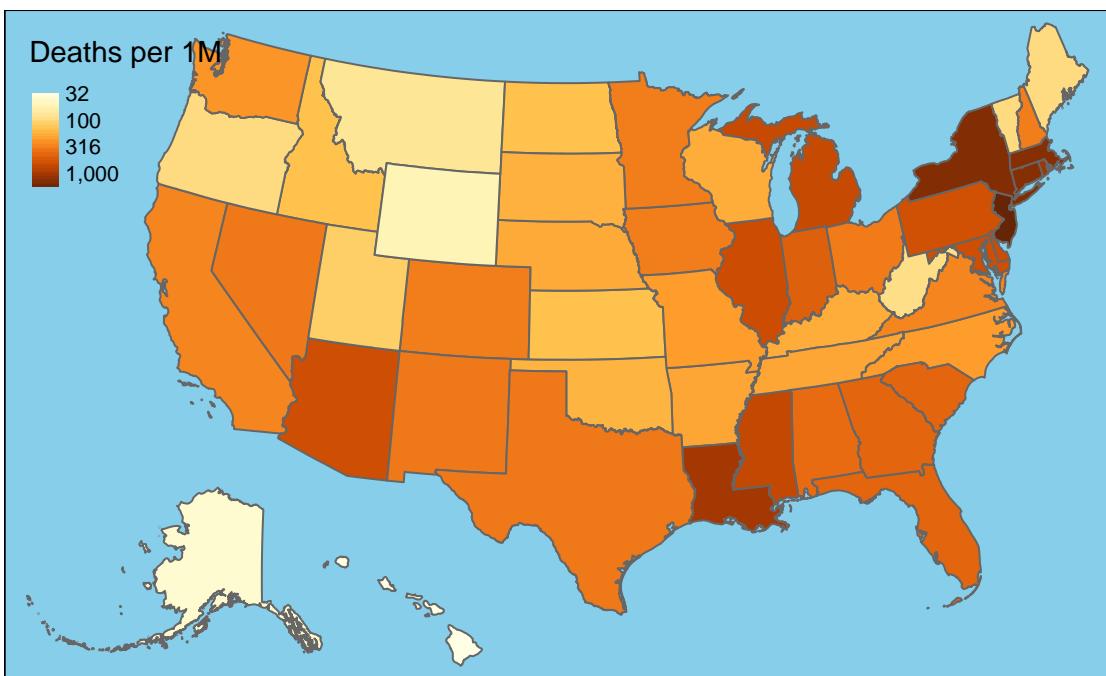
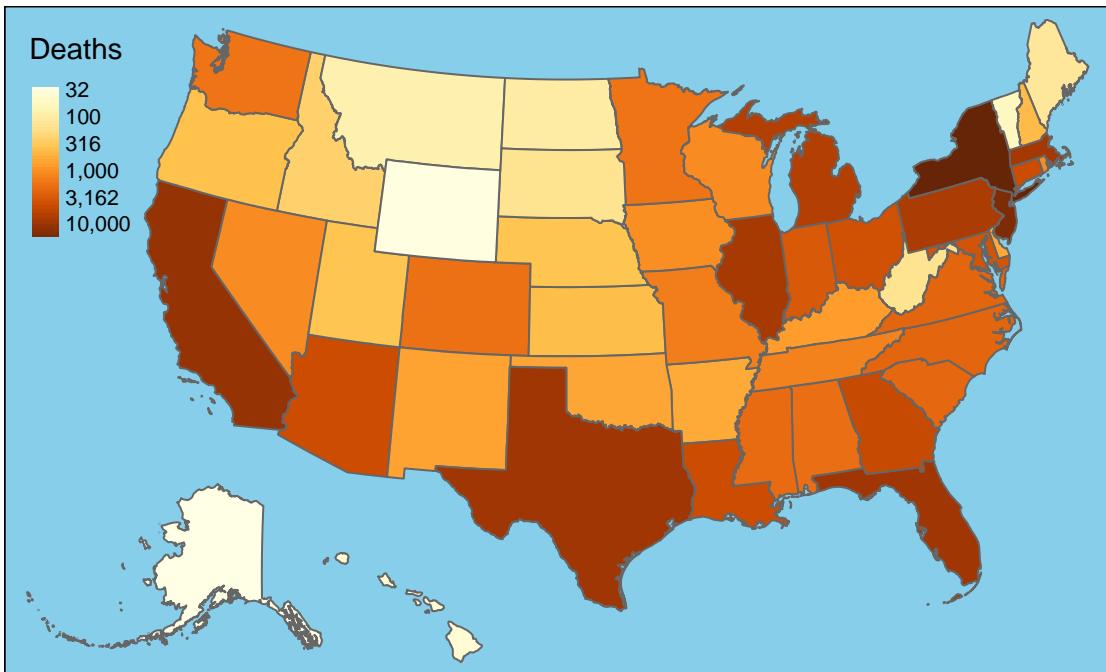


New Deaths by State



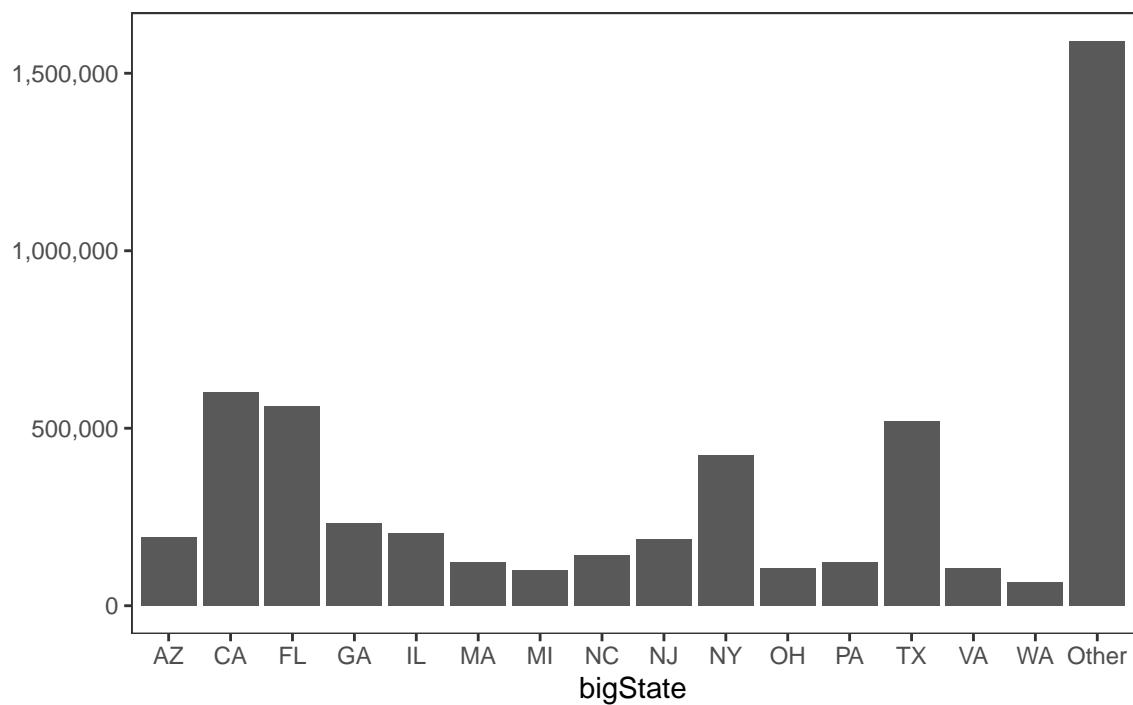
7-Day Change in Daily Deaths



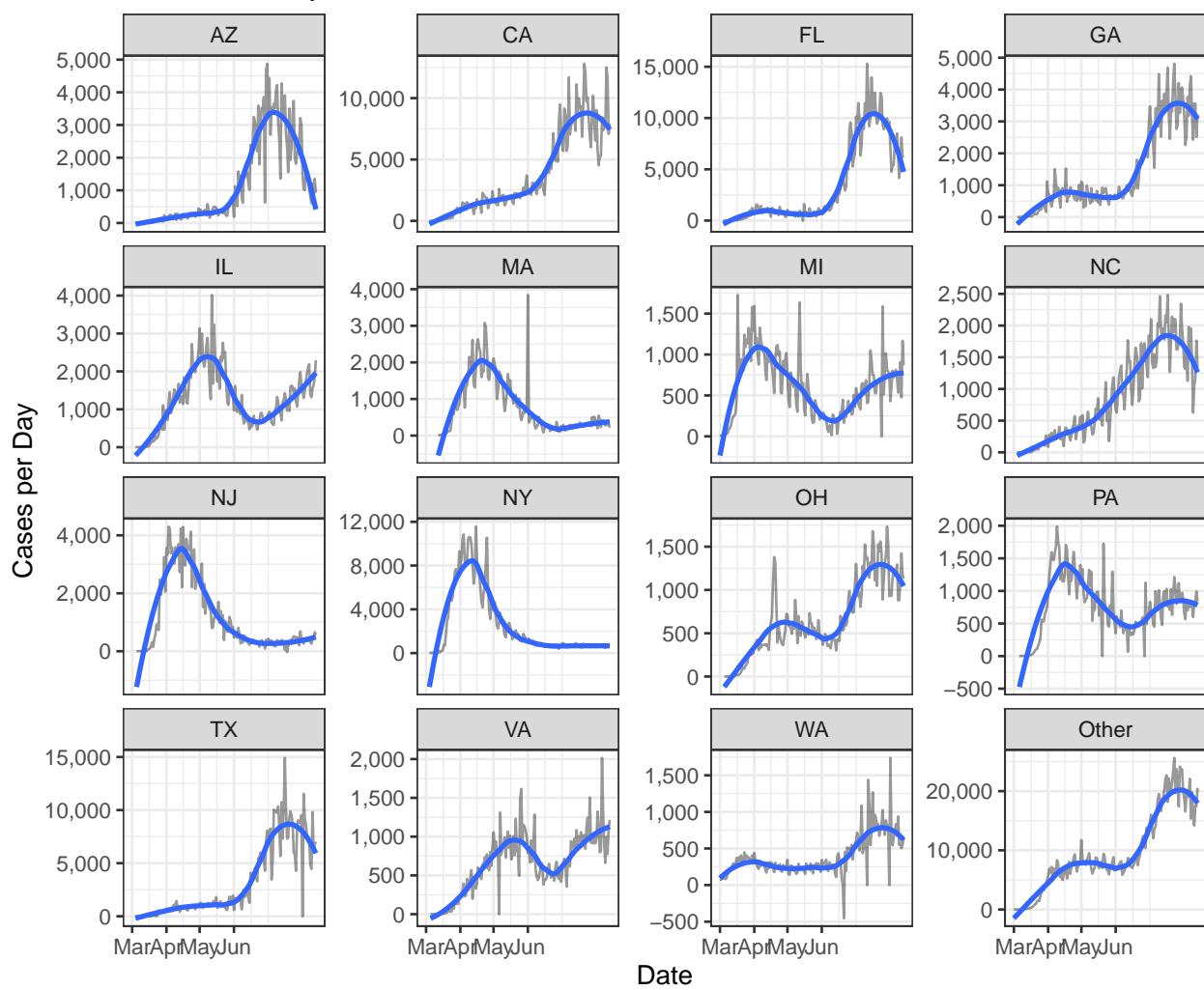


Cases

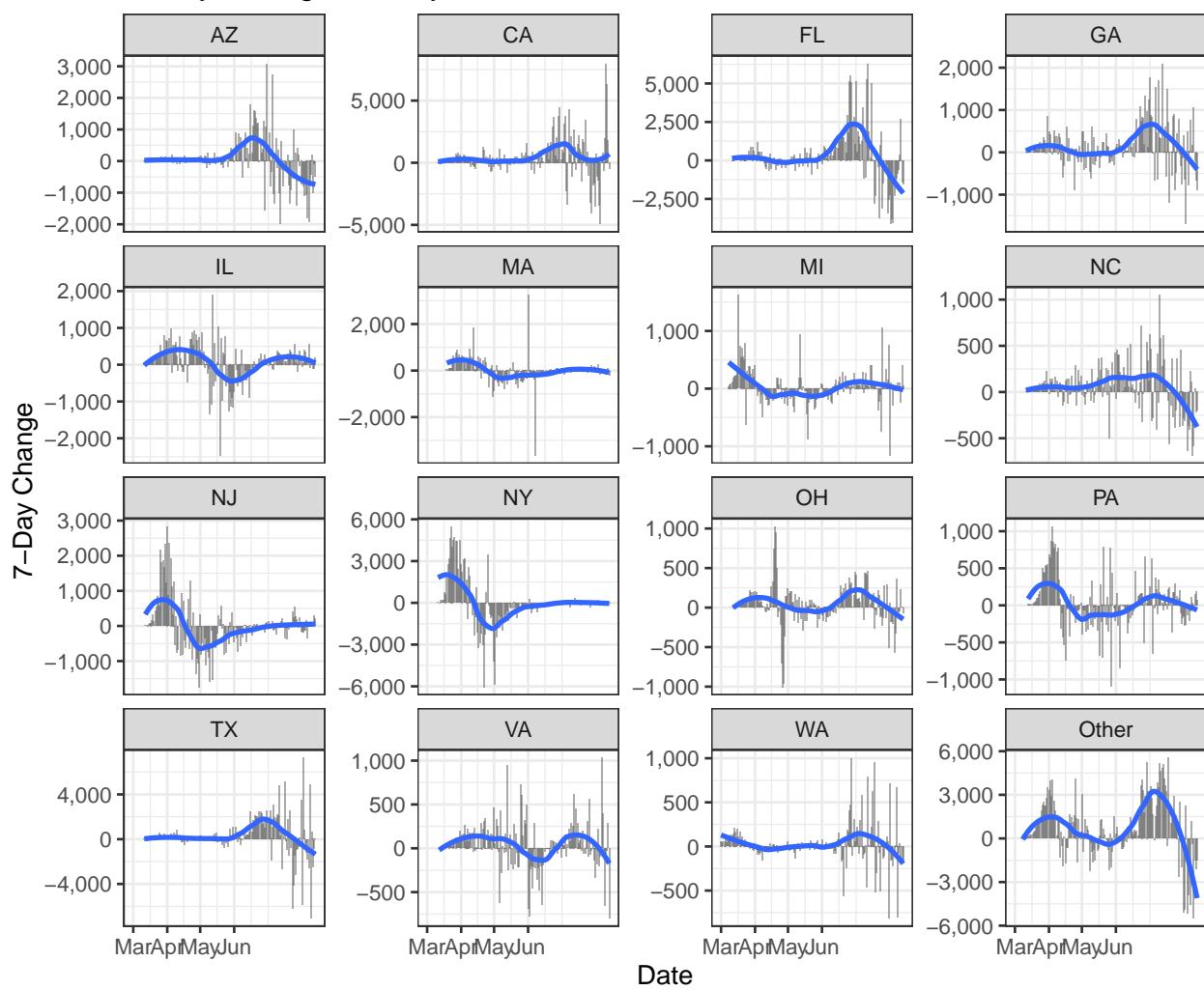
Cases by State

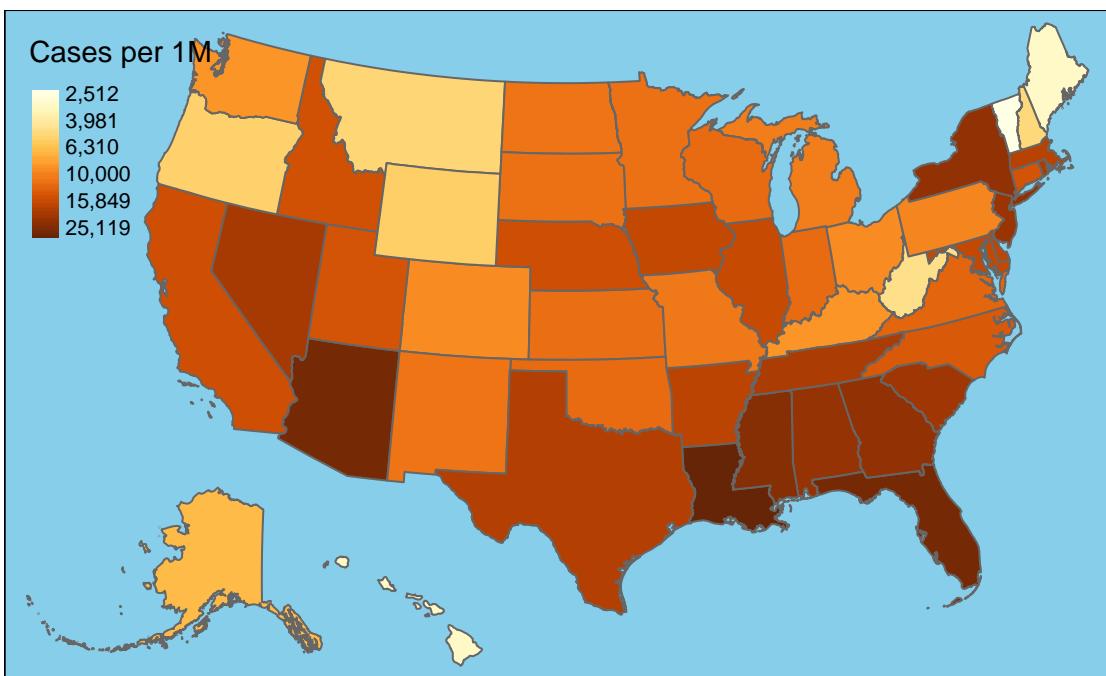
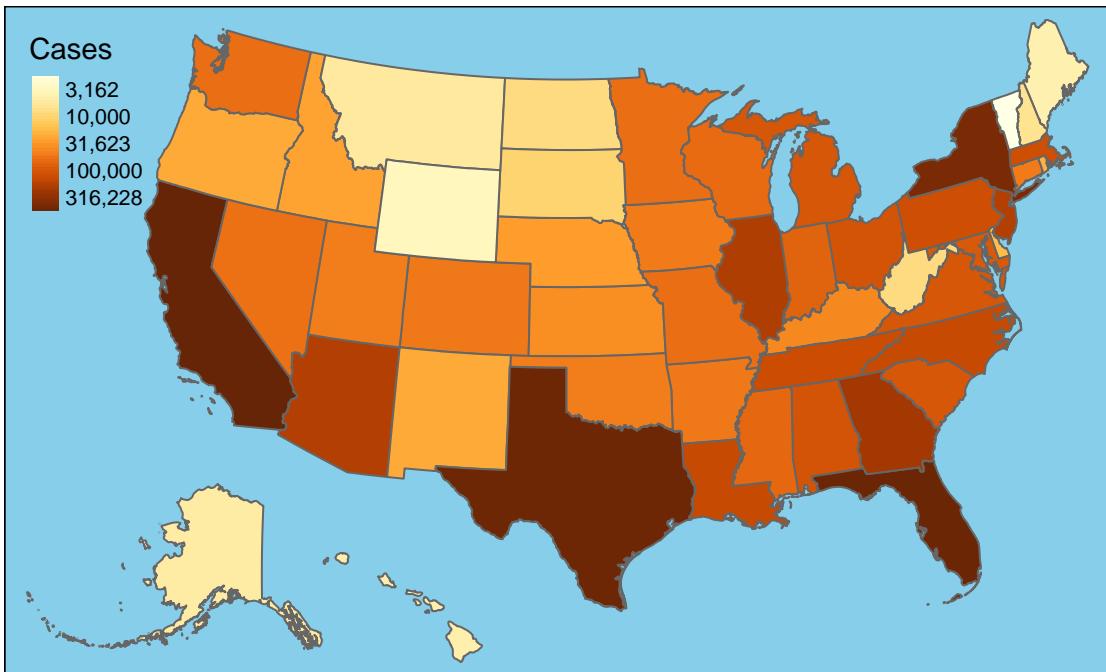


New Cases by State

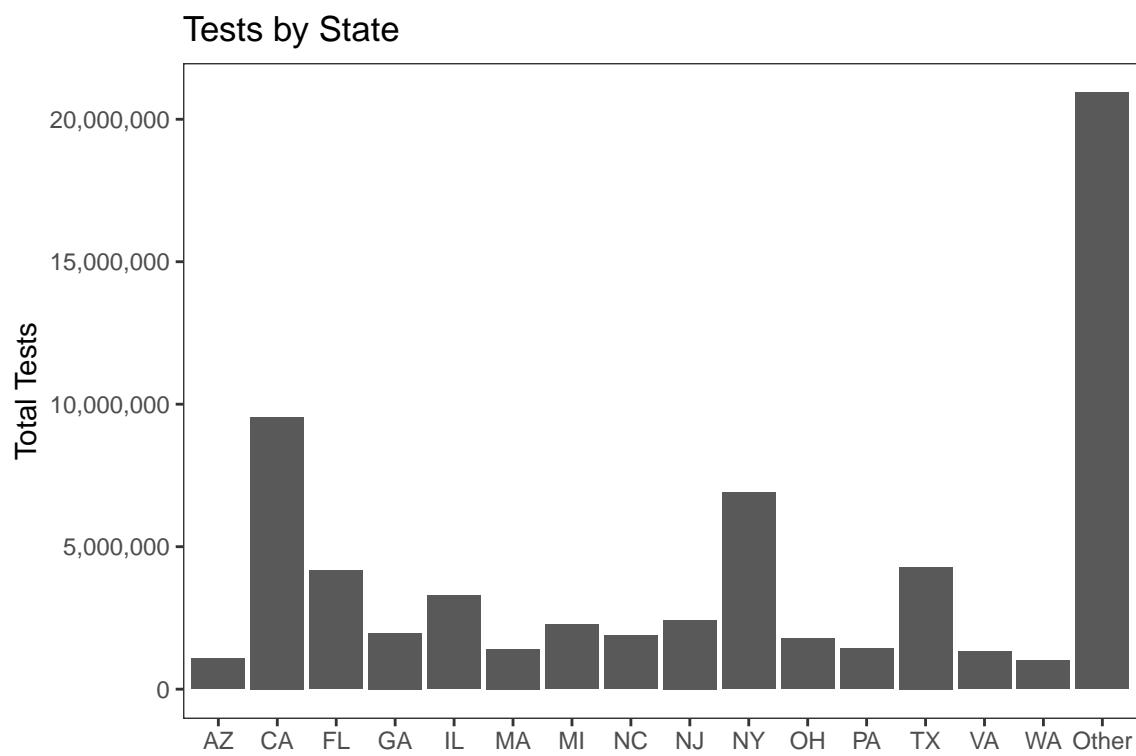


7-Day Change in Daily Cases

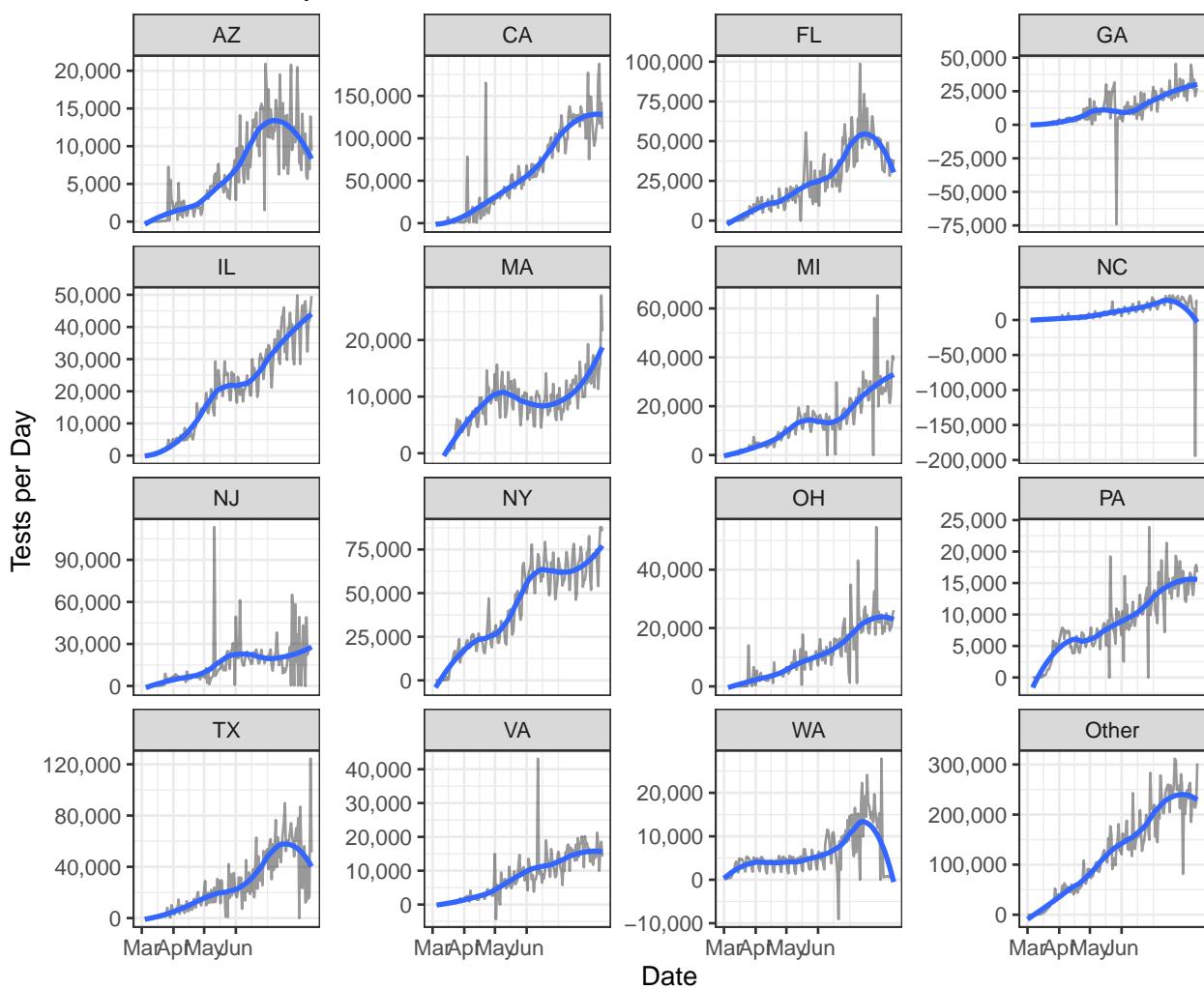


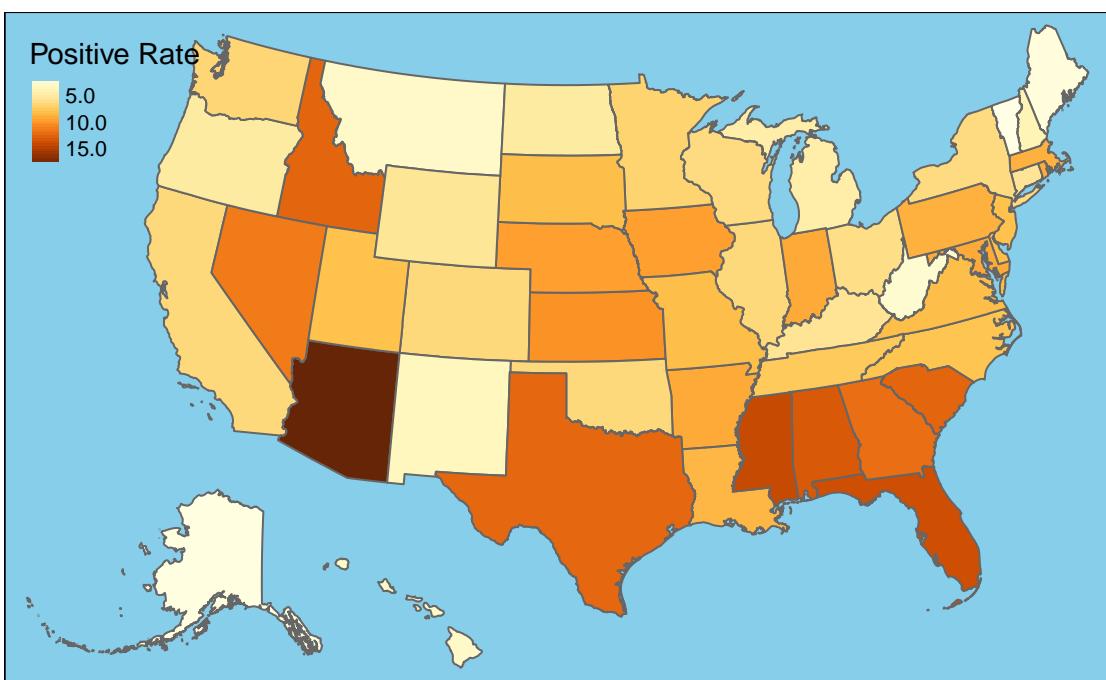
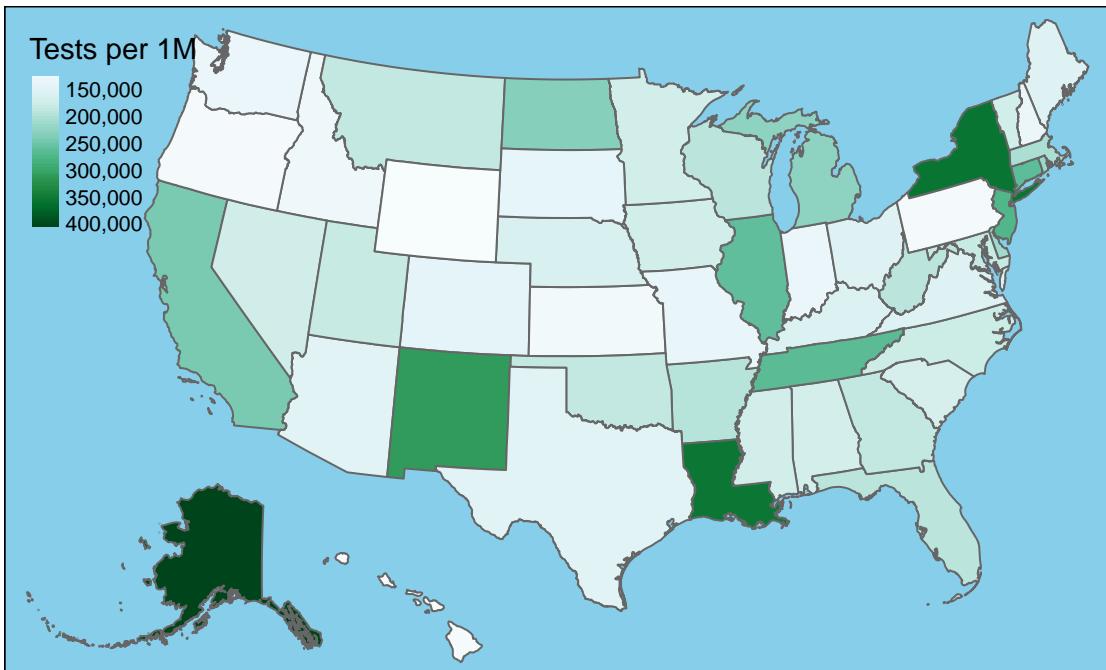


Testing



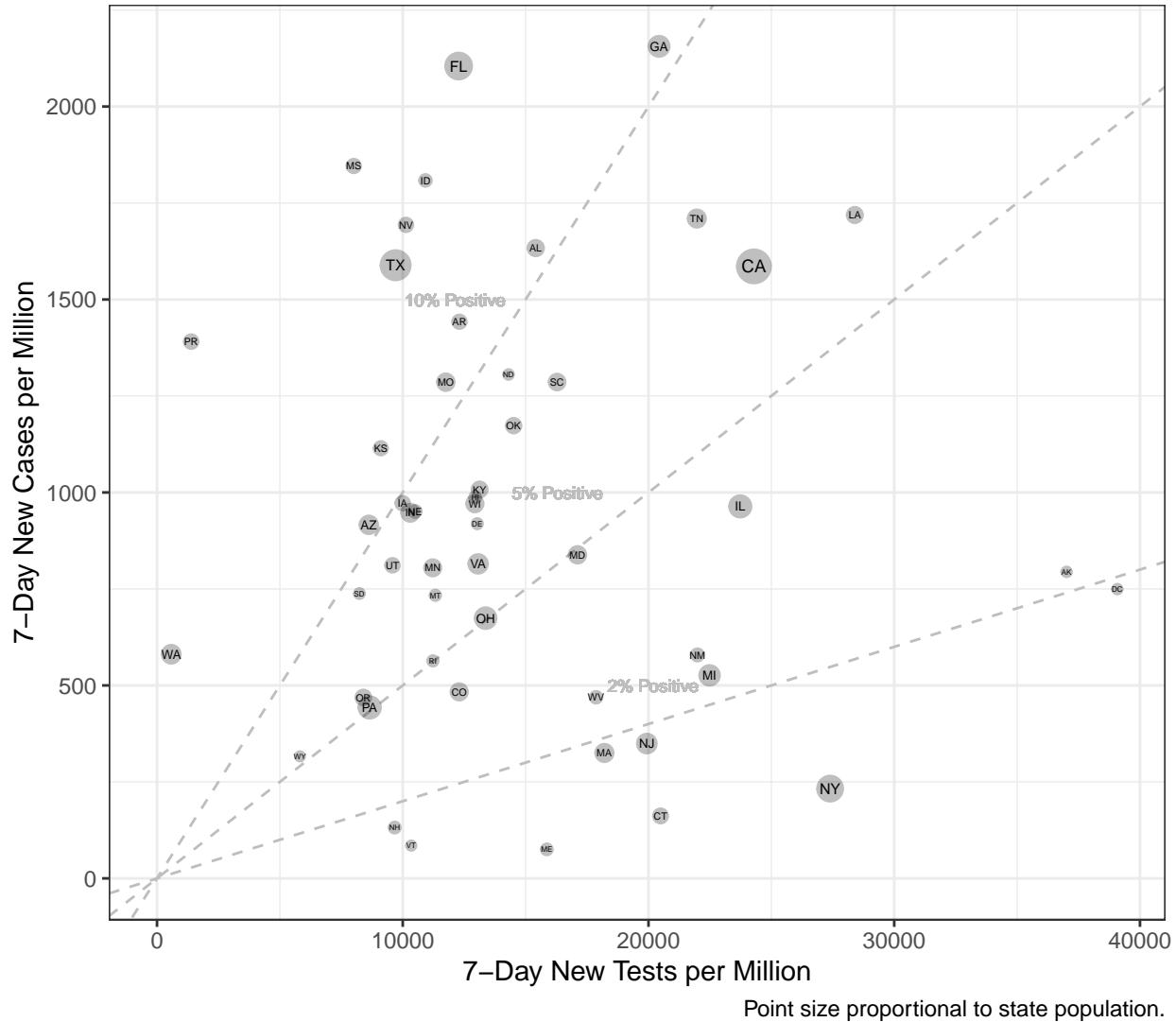
New Tests by State





Interpretation of differences in case rates across states is complicated by the fact that those states that do more thorough testing will invariably uncover more cases. A lower positive test rate is an indication that a state is doing more comprehensive testing since, when testing is rationed, only those individuals who are more likely to test positive are typically tested. The following chart compares the one-week increase in detected cases to the number of tests administered by each state relative to population. The states of greatest current concern are those with both a large increase in detected cases and a relatively small increase in tests. These states lie in the upper-left of the chart.

Tests vs. Cases by State



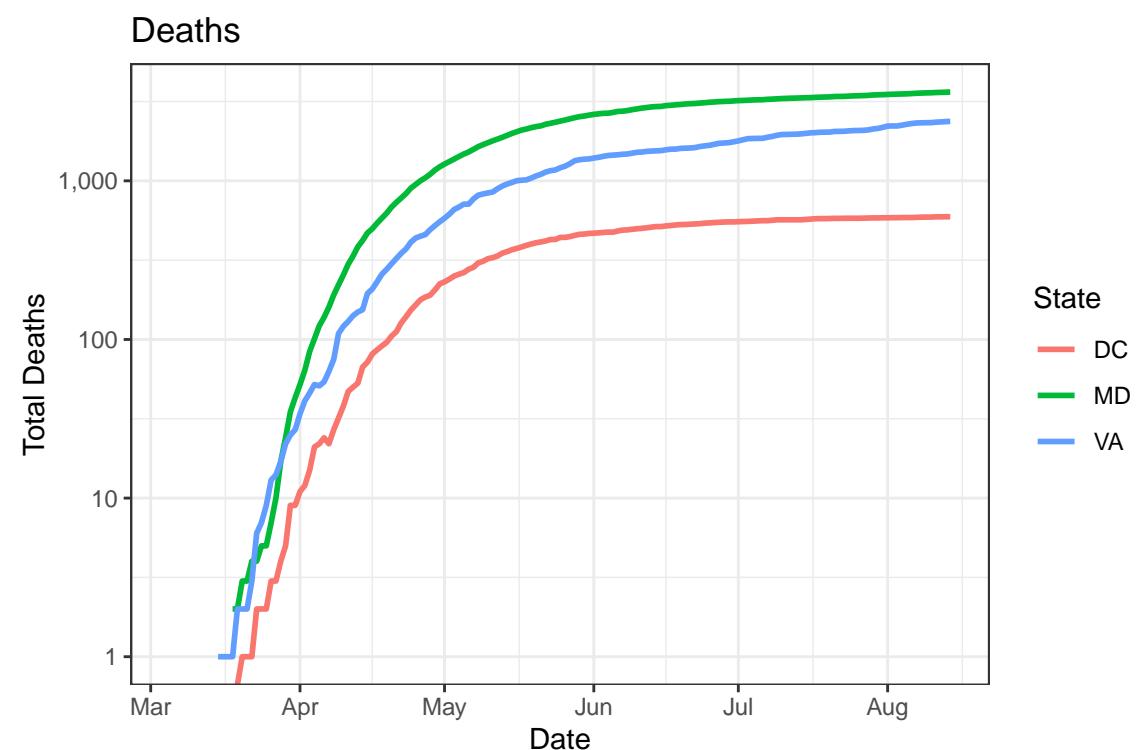
Local Data

The following charts and tables present mortality, case, and testing data for the Washington DC metropolitan area and adjacent states.

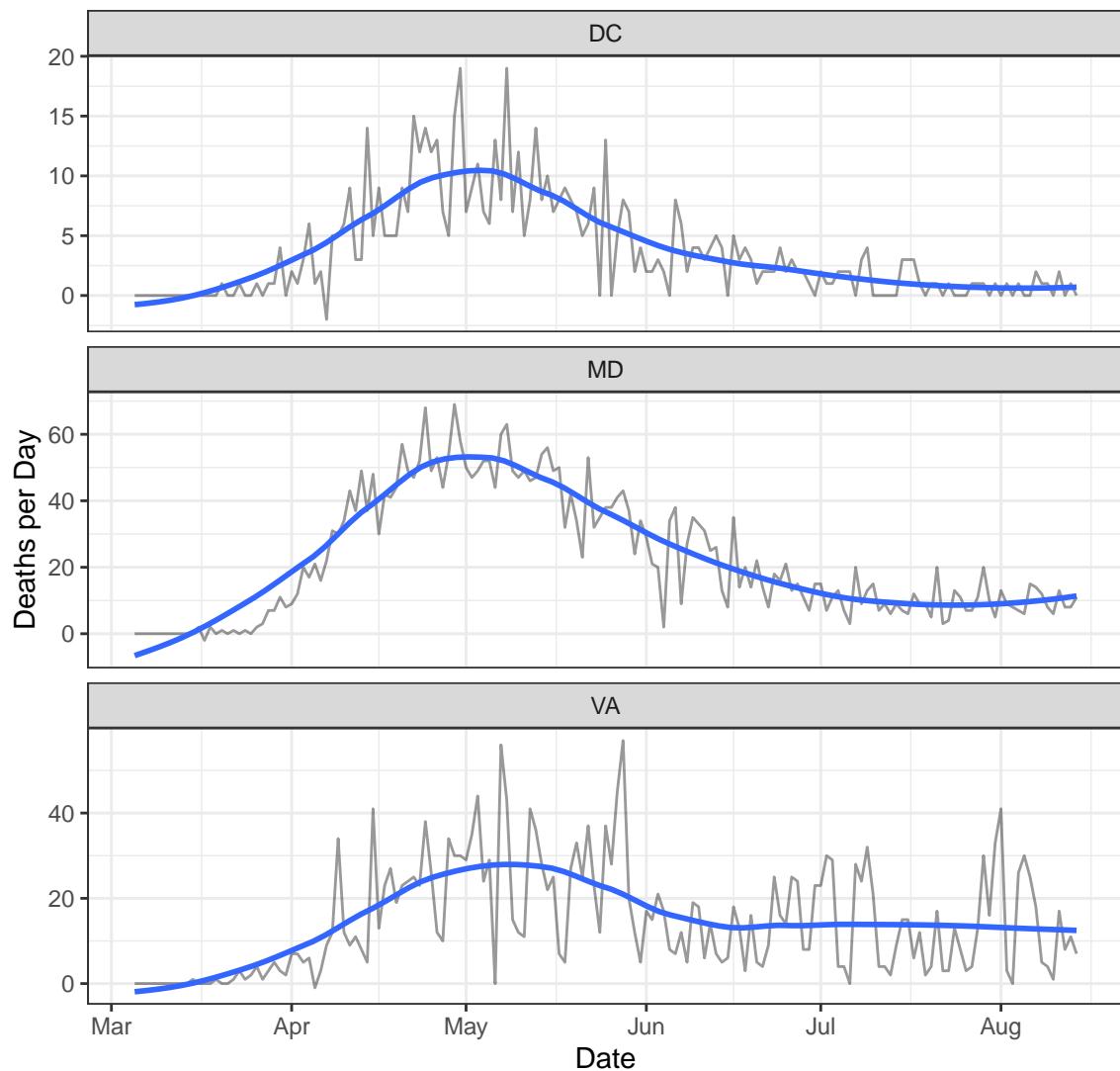
Table 3: Latest Local Data

State	Cases	Deaths	New Cases	New Deaths
DC	13,118	594	94	0
MD	98,875	3,631	715	11
VA	104,838	2,370	1,216	7

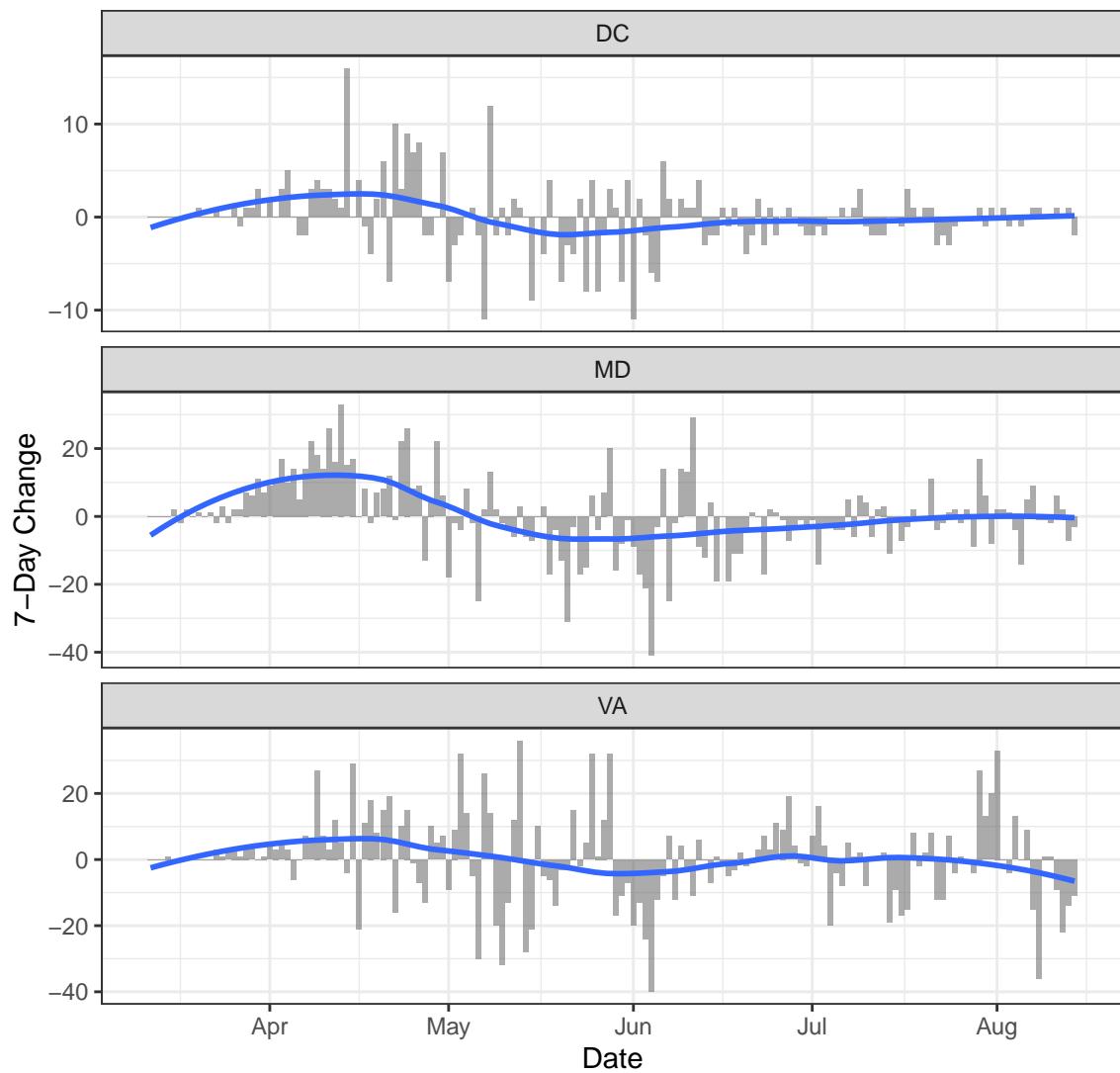
Deaths

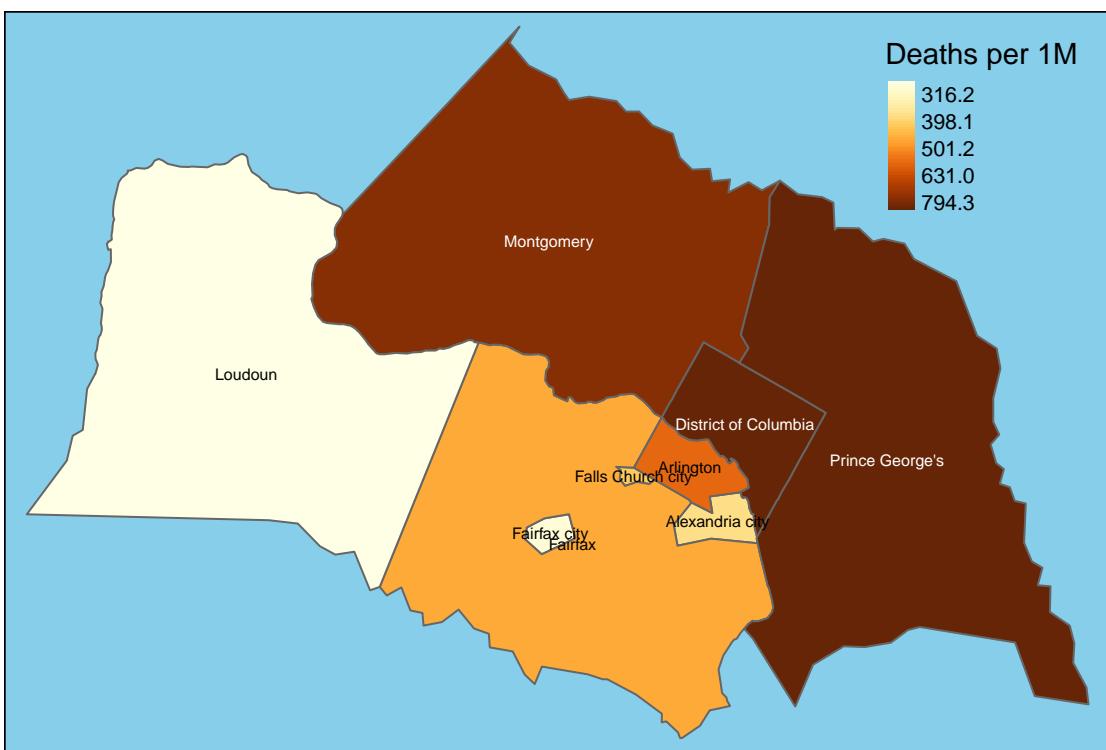
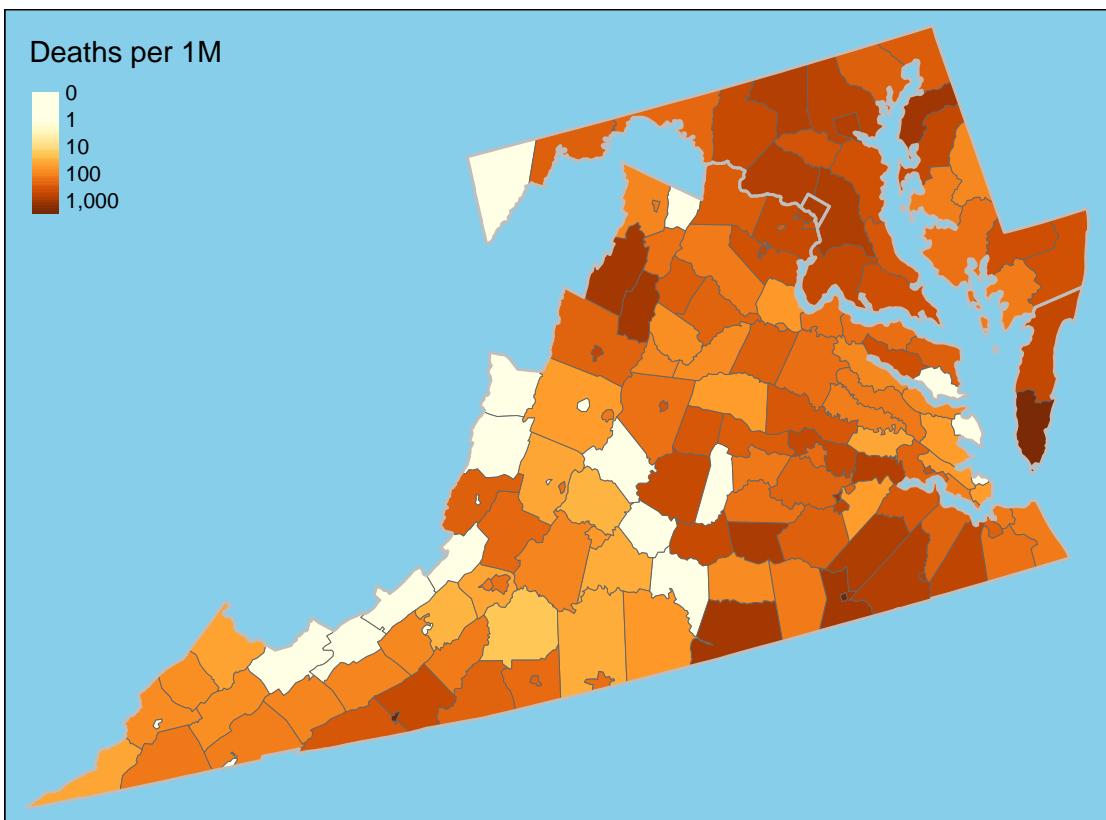


New Deaths

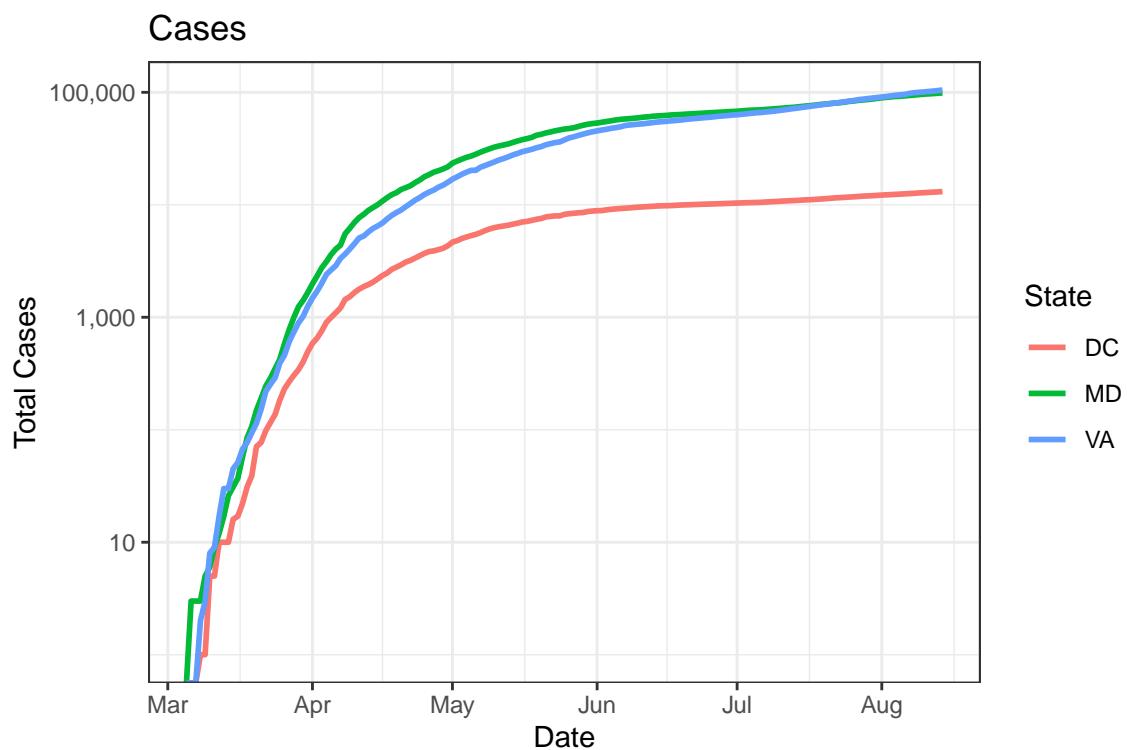


One-Week Change in Daily Deaths

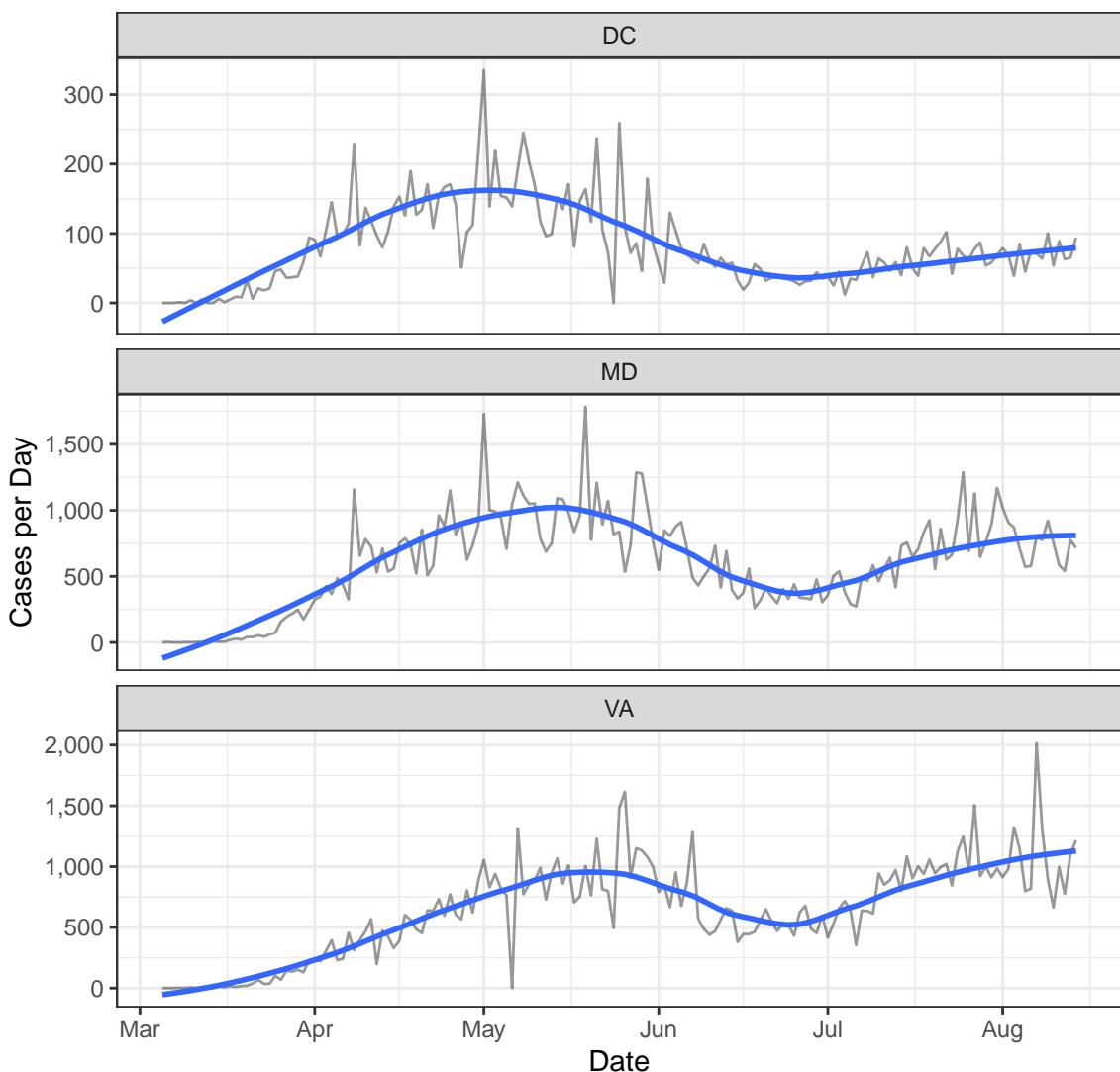




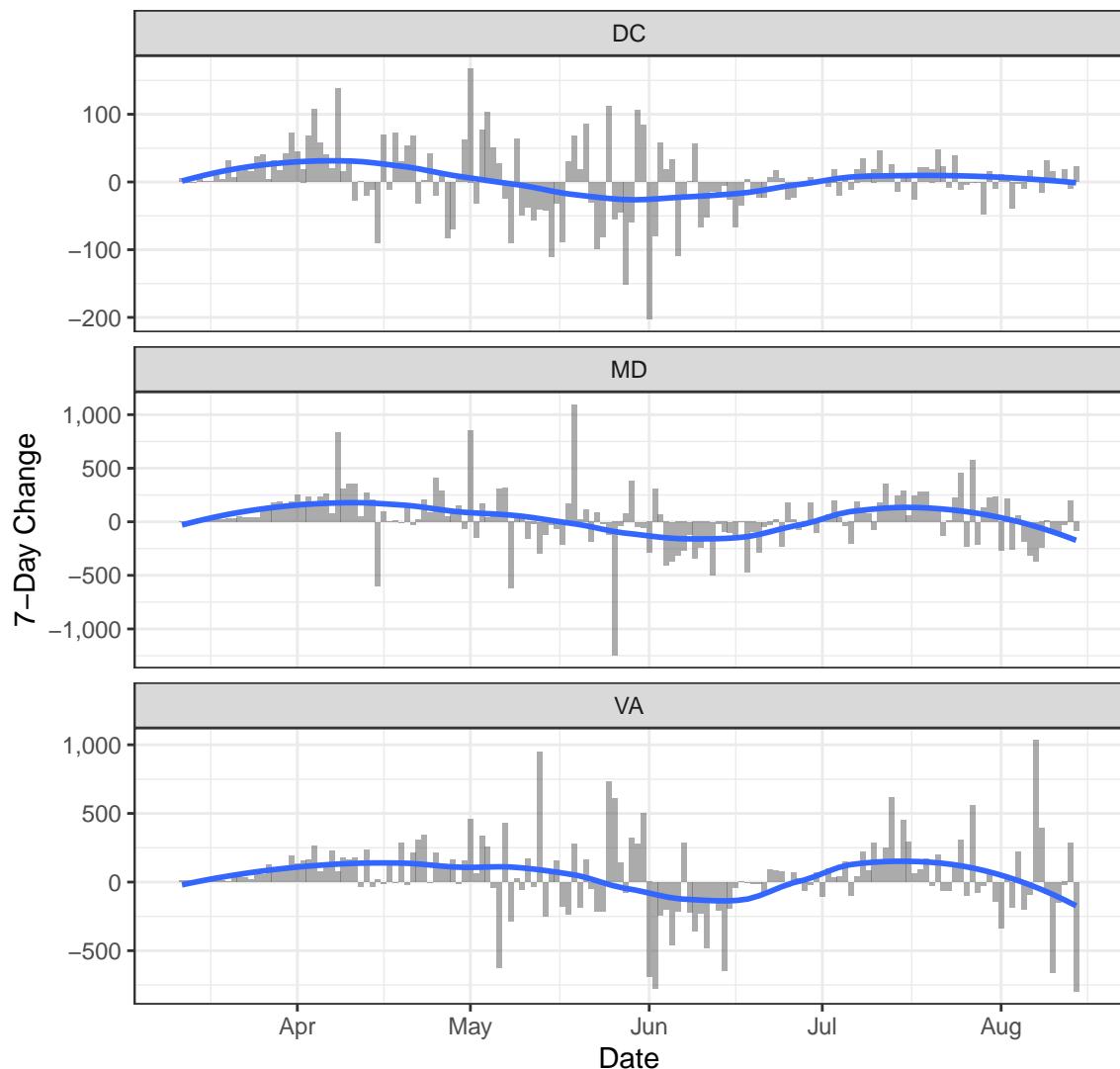
Cases

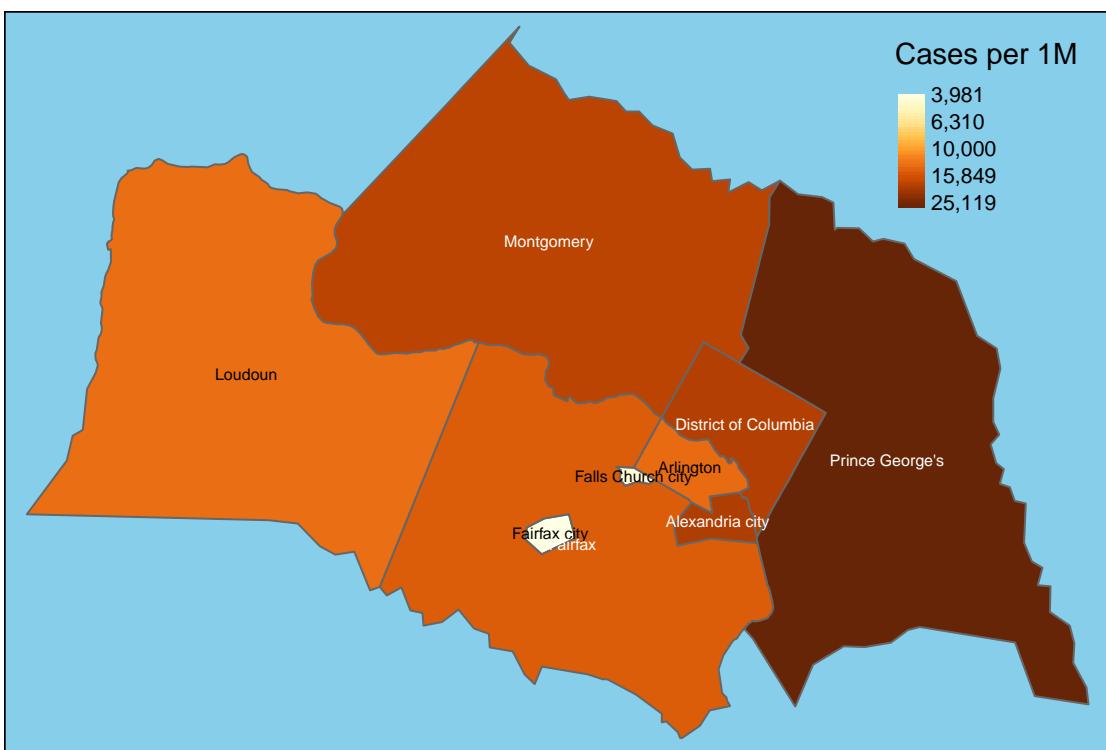
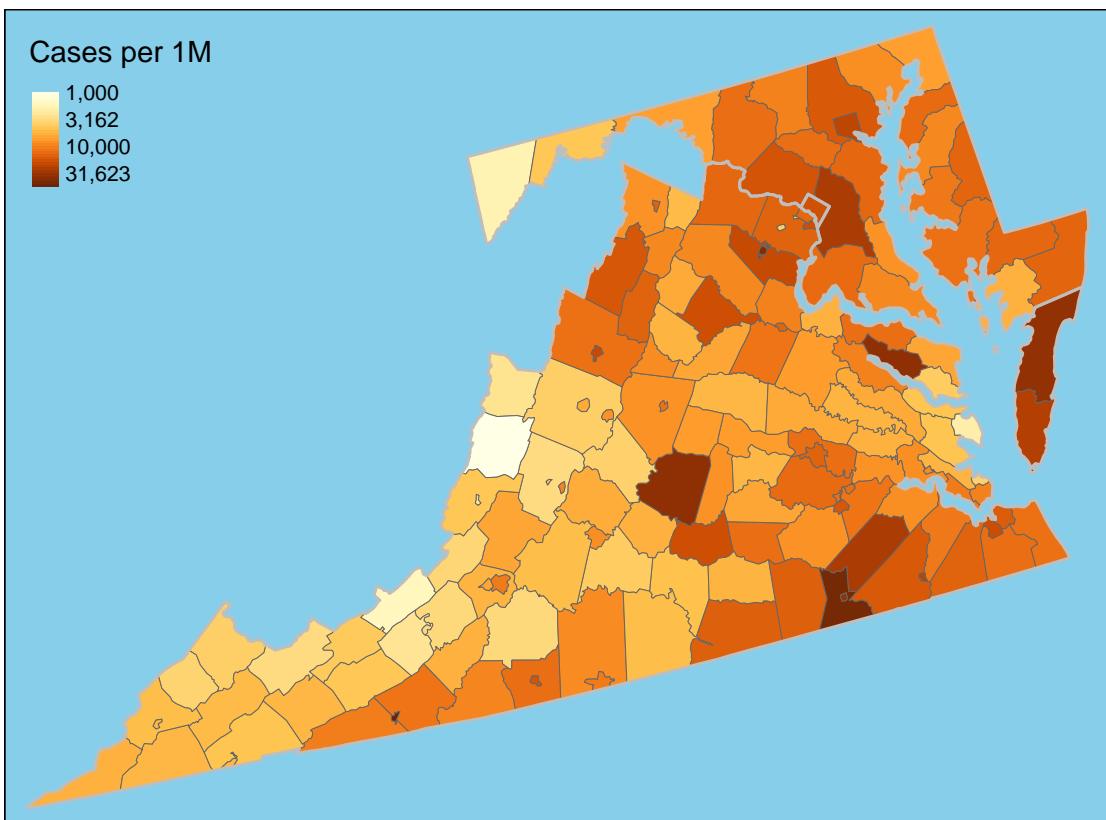


New Cases

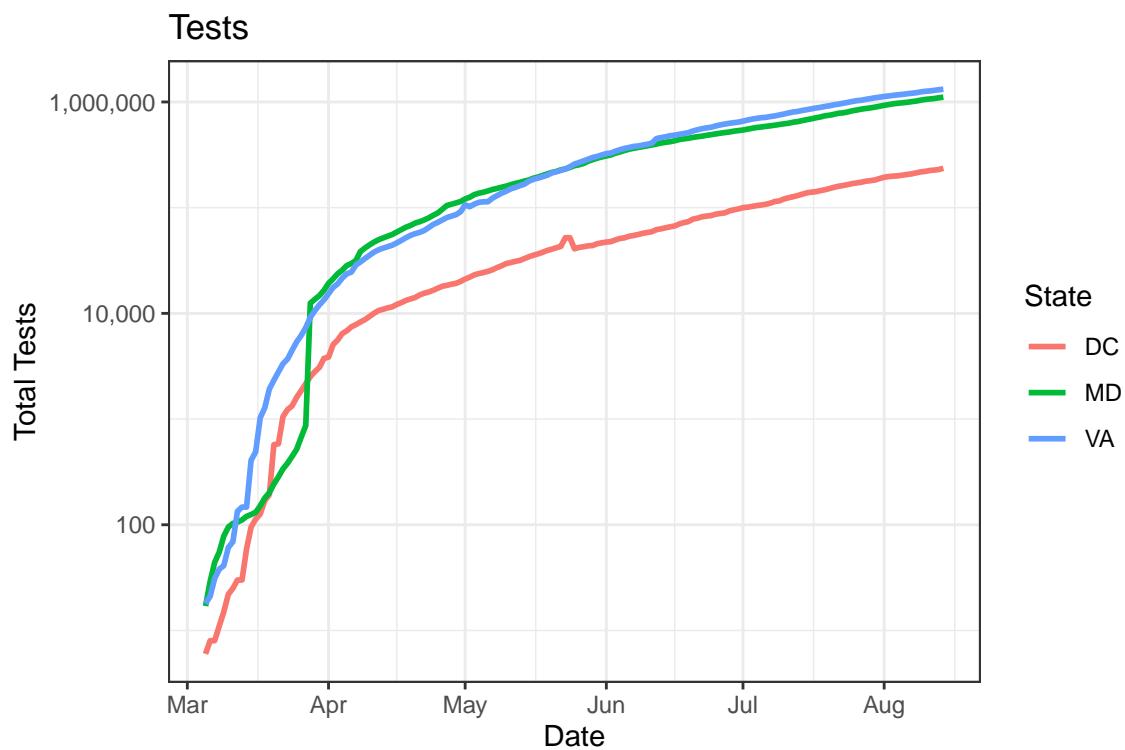


One-Week Change in Daily Cases

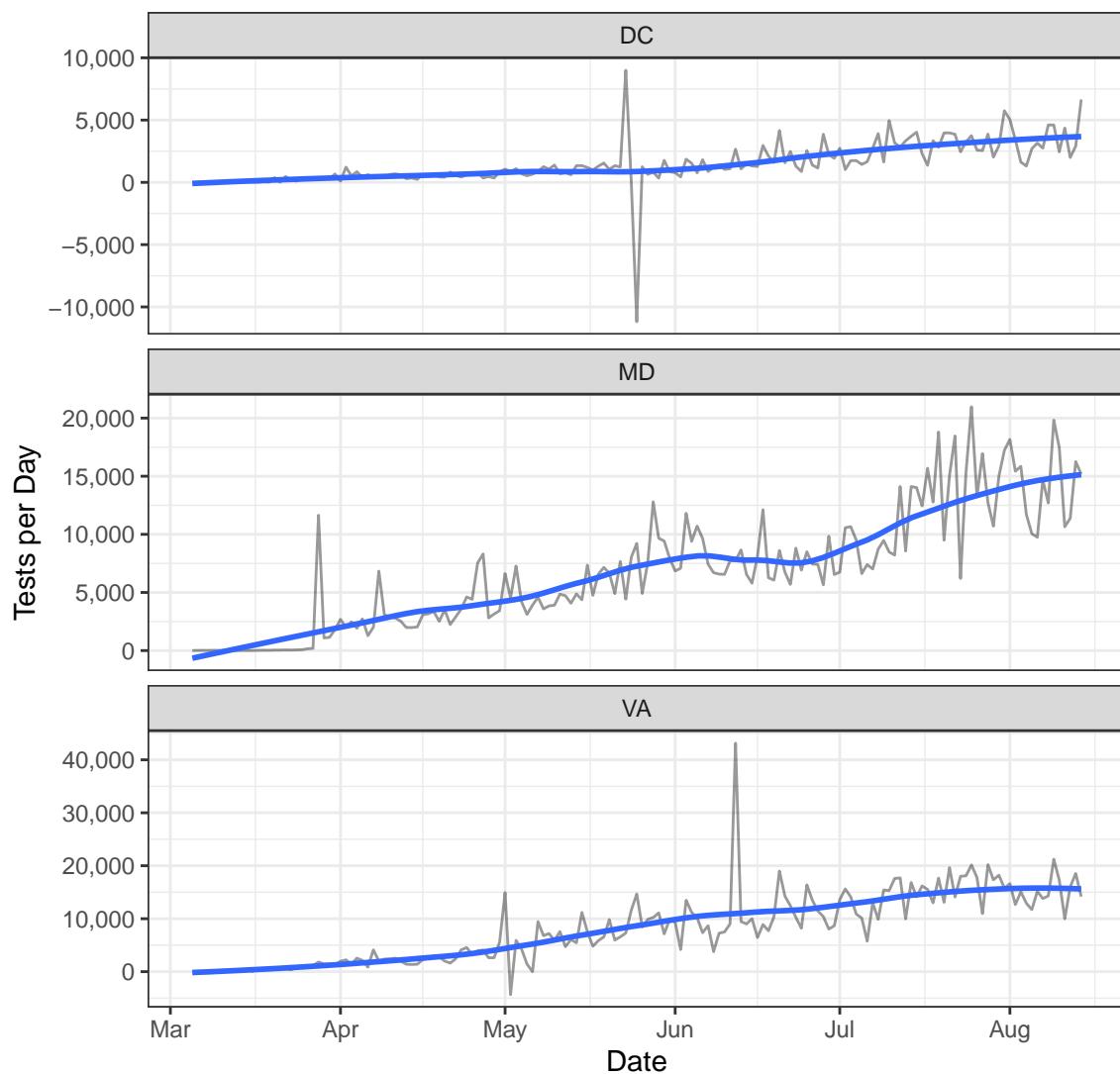




Testing



New Tests



Positive Test Rate

