

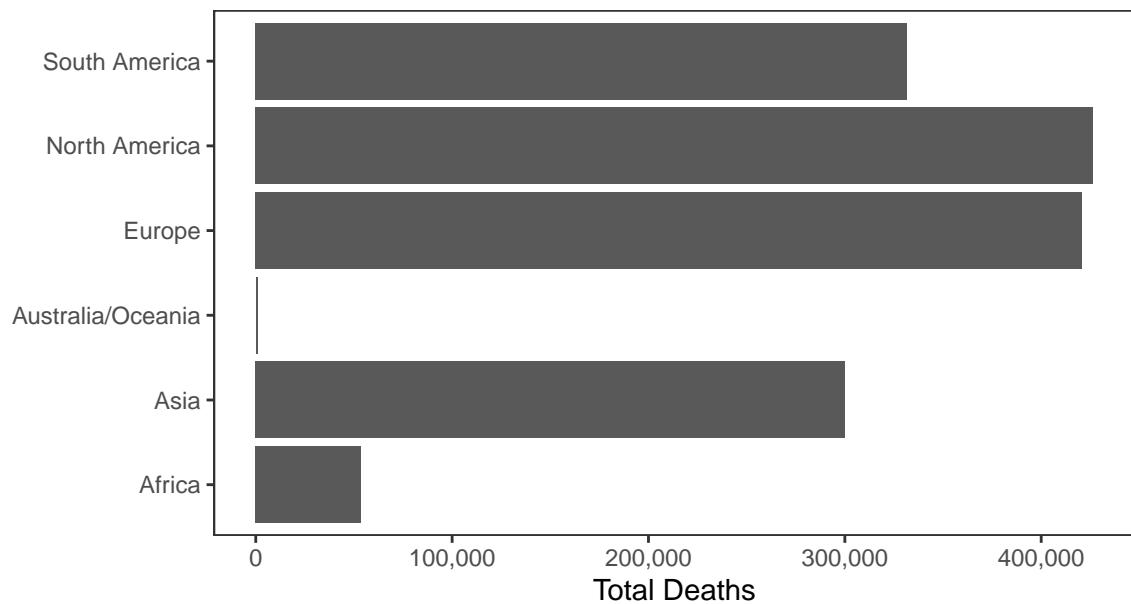
Erik's Covid-19 Chart Pack

Data updated 2020-12-06 15:56:47. 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 66,842,445 confirmed Covid-19 cases and 1,533,839 deaths worldwide.

Deaths



Cases

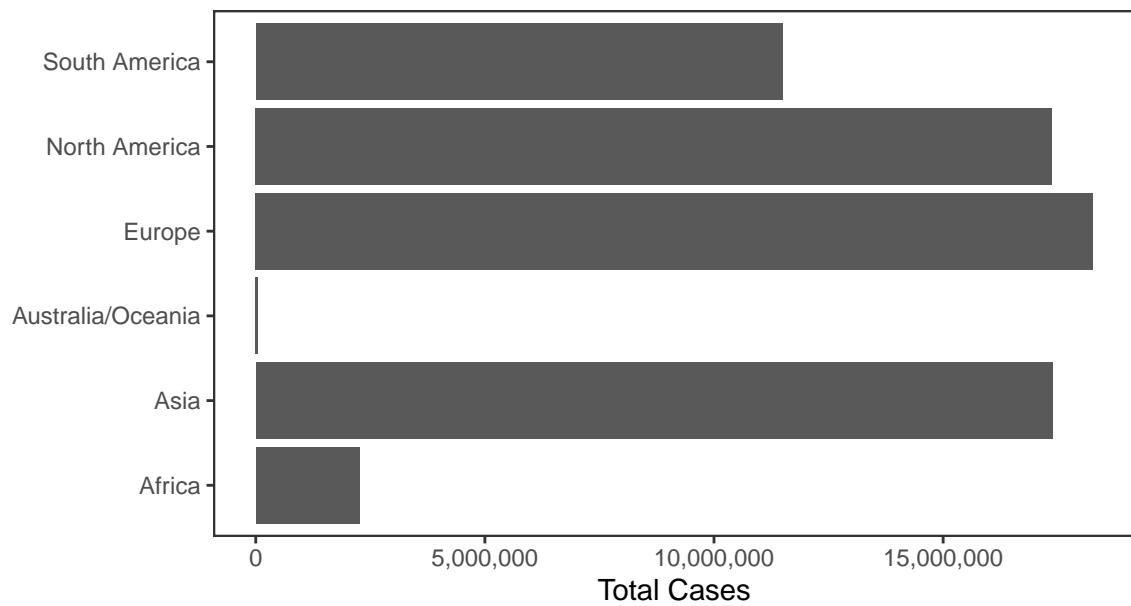
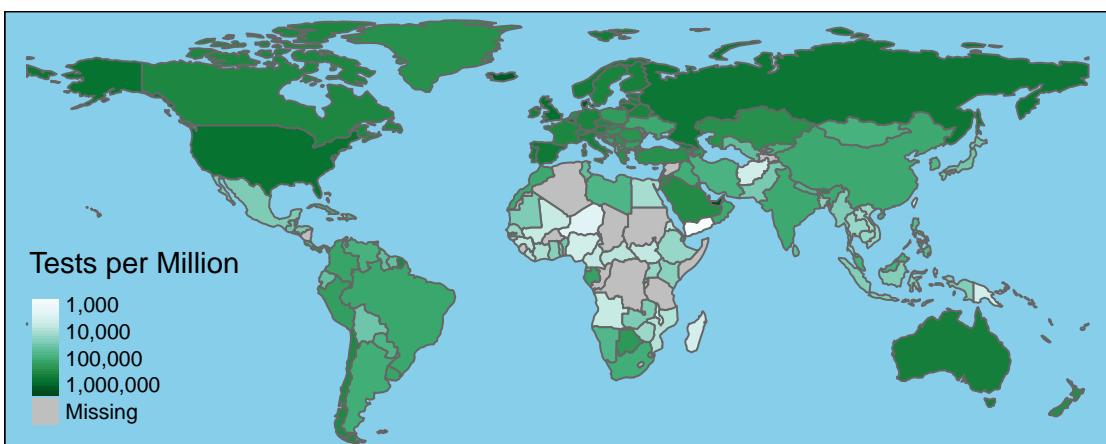
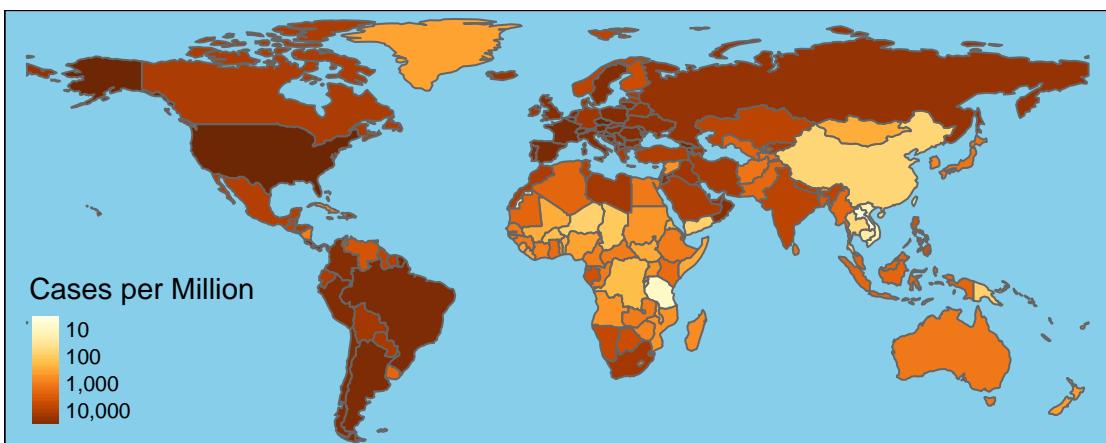
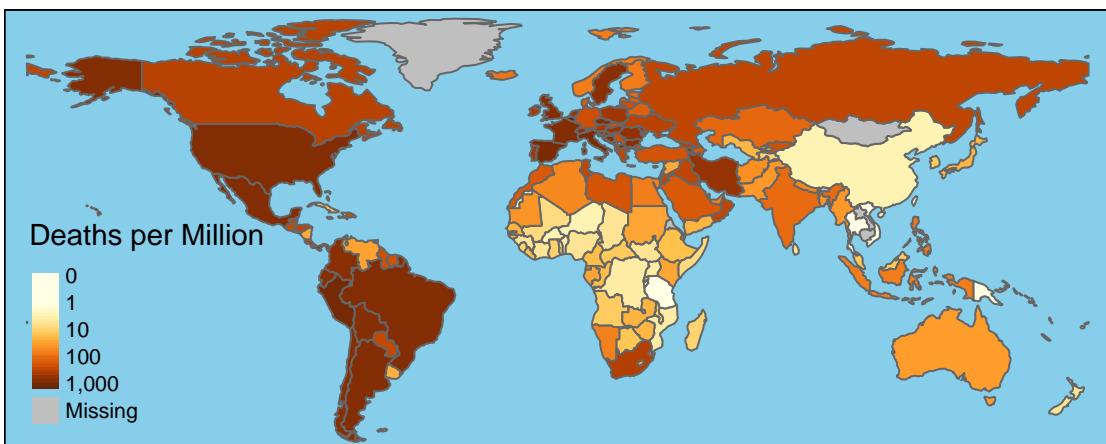


Table 1: Top Countries by Total Cases

Country	Cases	Deaths	New Cases	New Deaths
USA	14,985,668	287,833	211,033	2,259
India	9,644,529	140,216	36,111	480
Brazil	6,577,177	176,641	42,226	660
Russia	2,431,731	42,684	28,782	508
France	2,281,475	54,981	12,923	214
Italy	1,709,991	59,514	21,052	662
UK	1,705,970	61,014	15,538	397
Spain	1,699,145	46,252	0	0
Argentina	1,459,832	39,632	5,201	120
Colombia	1,362,249	37,633	9,642	166
Germany	1,170,095	18,975	17,812	284
Mexico	1,156,770	108,863	12,127	690
Poland	1,054,273	19,861	12,430	502
Iran	1,028,986	50,016	12,151	321
Peru	972,688	36,231	1,828	36
South Africa	810,449	22,067	4,645	104
Ukraine	801,716	13,421	13,825	226
Turkey	797,893	14,705	31,896	196
Belgium	587,439	17,142	2,582	109
Indonesia	569,707	17,589	6,027	110



National Data

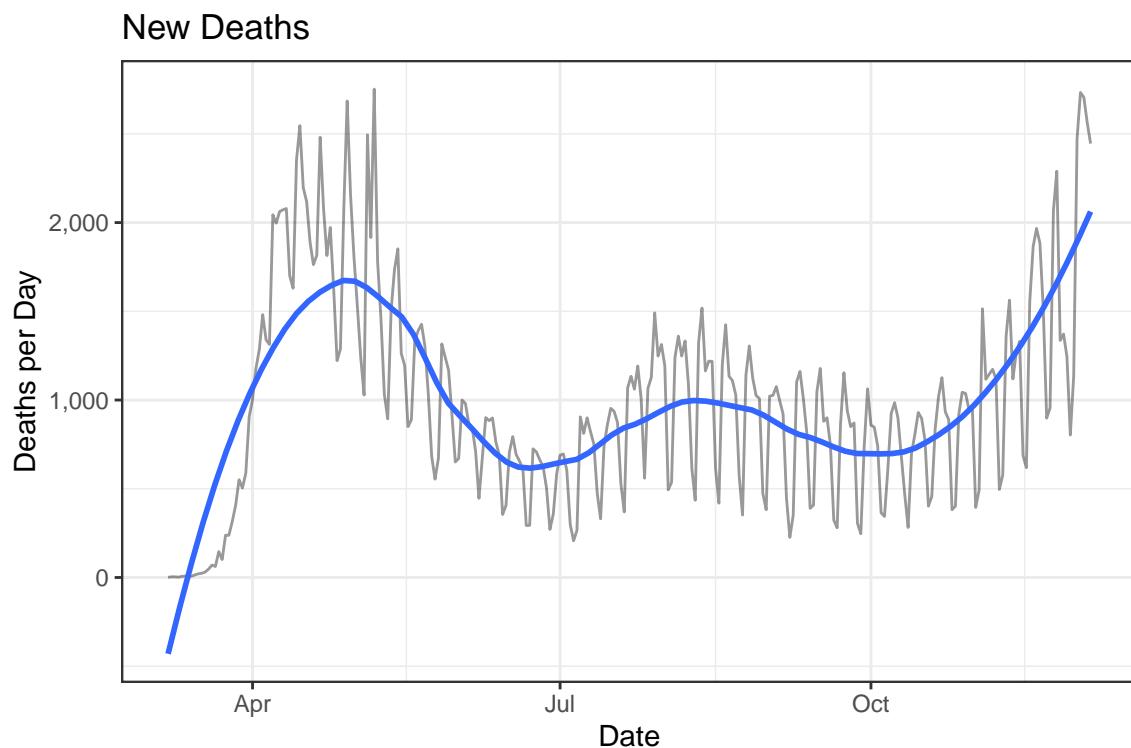
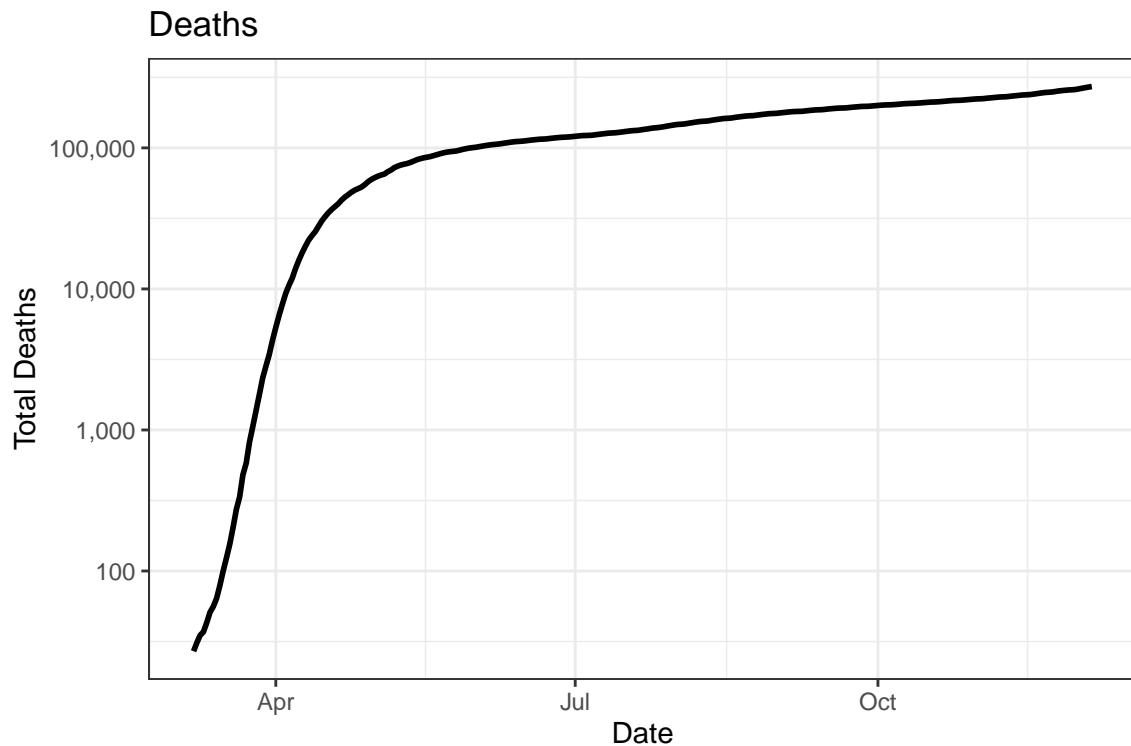
There have been 14,357,264 confirmed Covid-19 cases and 272,236 deaths in the United States.

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

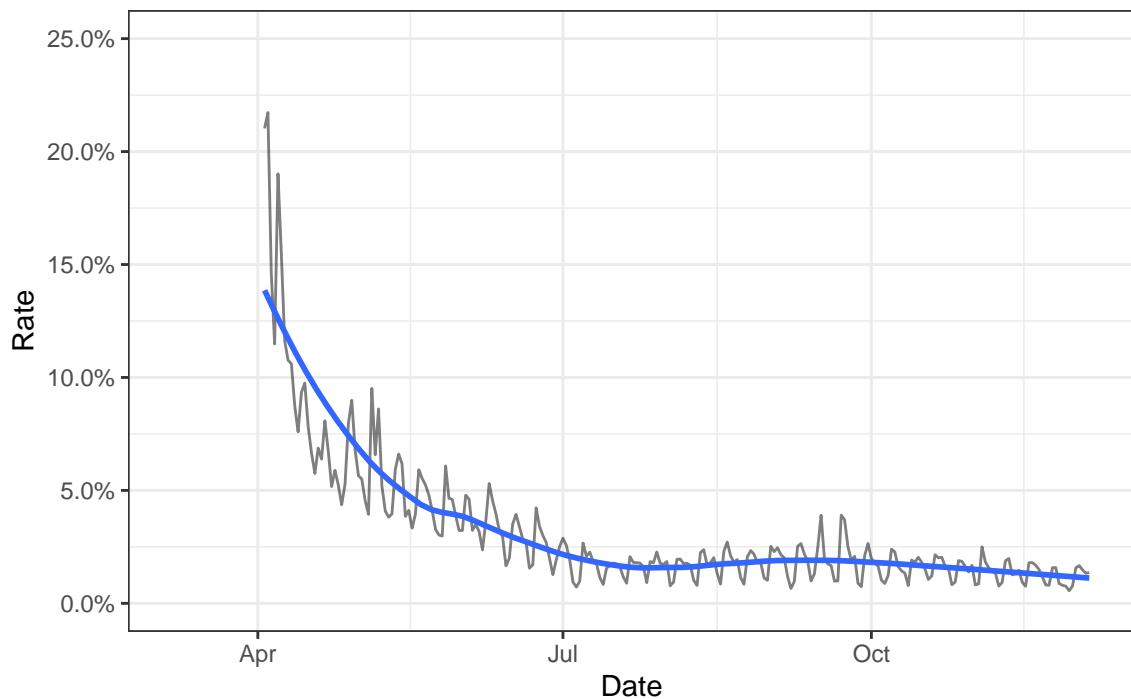
Date	Cases	Deaths	New Cases	New Deaths
2020-12-05	14,357,264	272,236	211,073	2,445
2020-12-04	14,146,191	269,791	224,831	2,563
2020-12-03	13,921,360	267,228	210,204	2,706
2020-12-02	13,711,156	264,522	195,796	2,733
2020-12-01	13,515,360	261,789	176,753	2,473
2020-11-30	13,338,607	259,316	147,587	1,136
2020-11-29	13,191,020	258,180	135,242	803
2020-11-28	13,055,778	257,377	154,522	1,245
2020-11-27	12,901,256	256,132	193,725	1,372
2020-11-26	12,707,531	254,760	126,335	1,336
2020-11-25	12,581,196	253,424	183,629	2,289
2020-11-24	12,397,567	251,135	167,014	2,066
2020-11-23	12,230,553	249,069	150,958	955
2020-11-22	12,079,595	248,114	150,841	898

Deaths

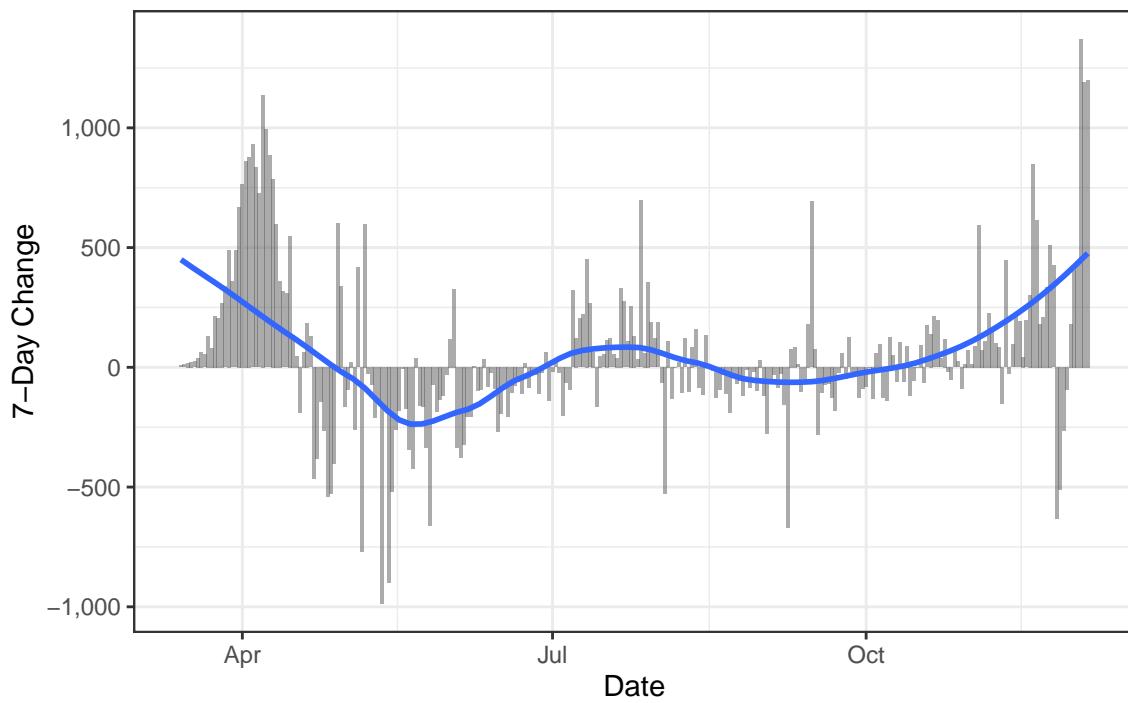
Because the effects of the virus can take several weeks to manifest in patients, deaths are a lagging indicator of contagion, but they may be a more reliable than case counts, which are a function of both the prevalence of the disease and the rate of testing. The case mortality rate is a very crude indicator 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.

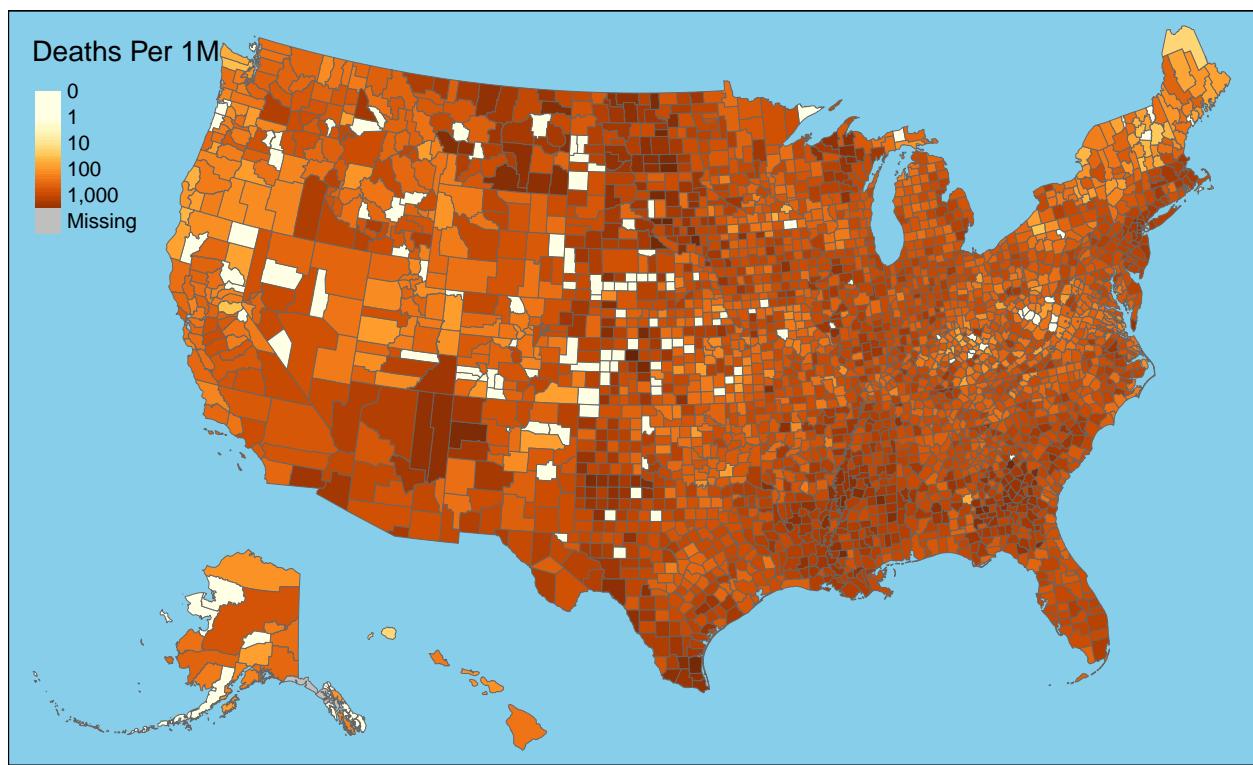


Daily Case Mortality Rate



One-Week Change in Daily Deaths

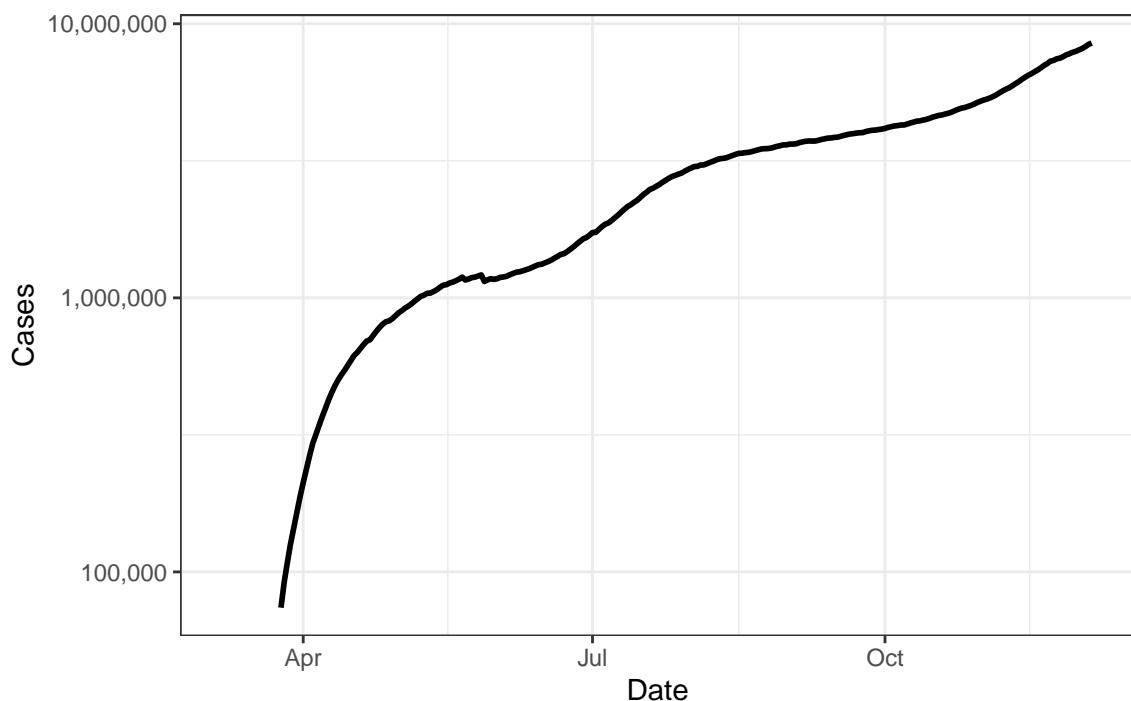




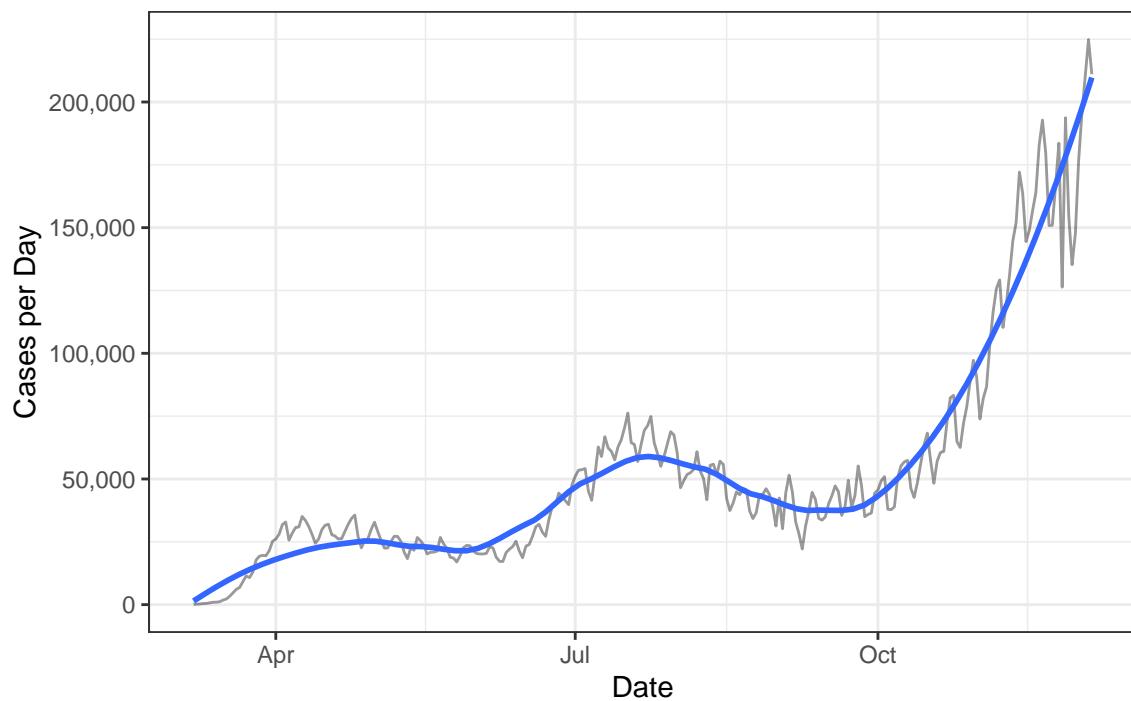
Cases

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

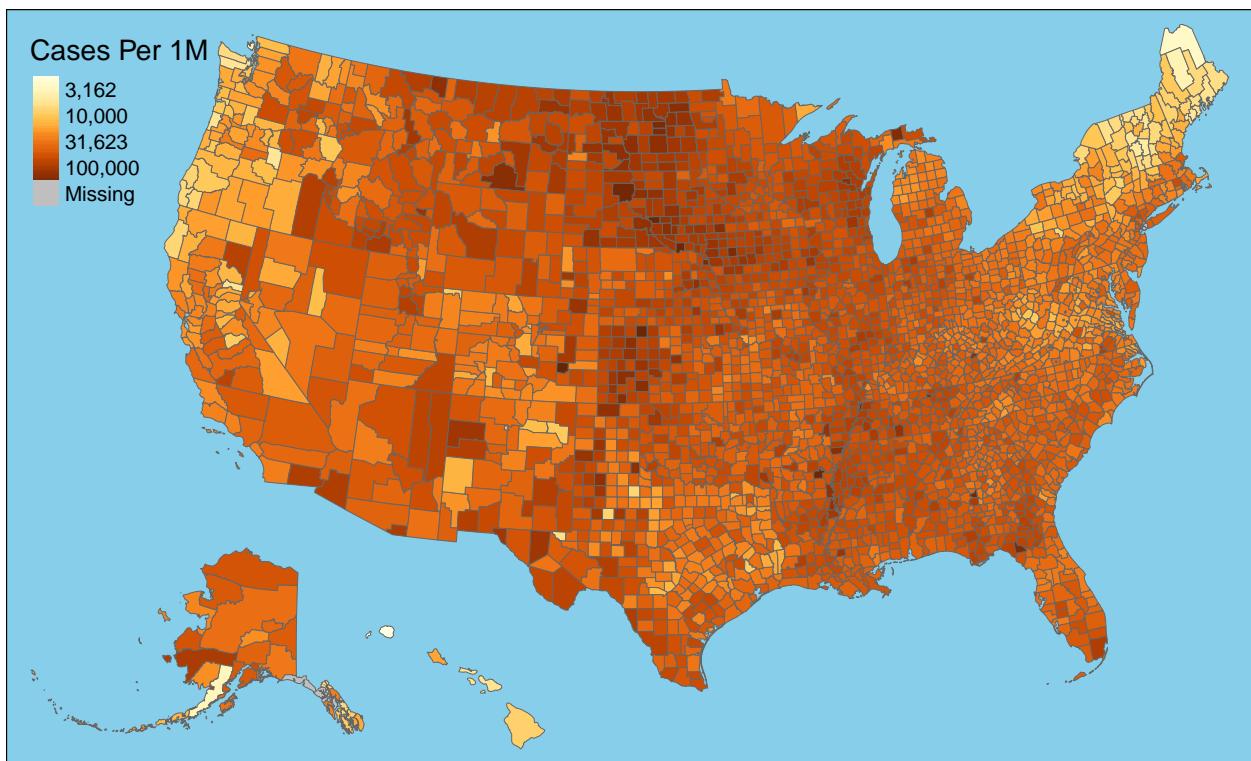
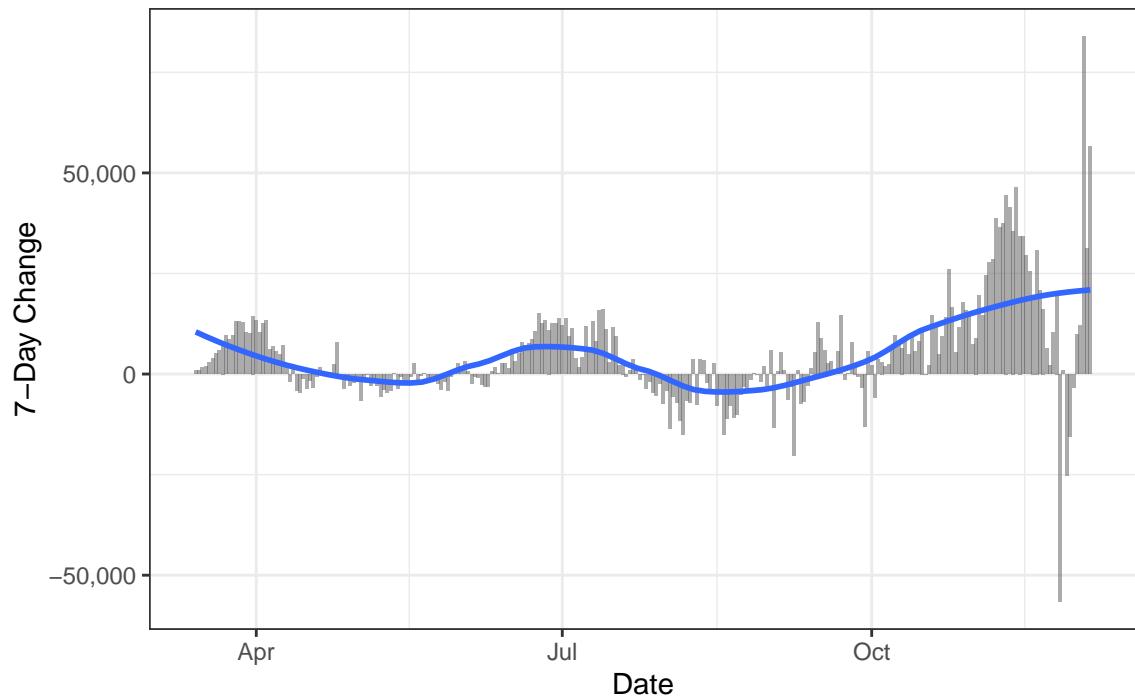
Active Cases



New Cases

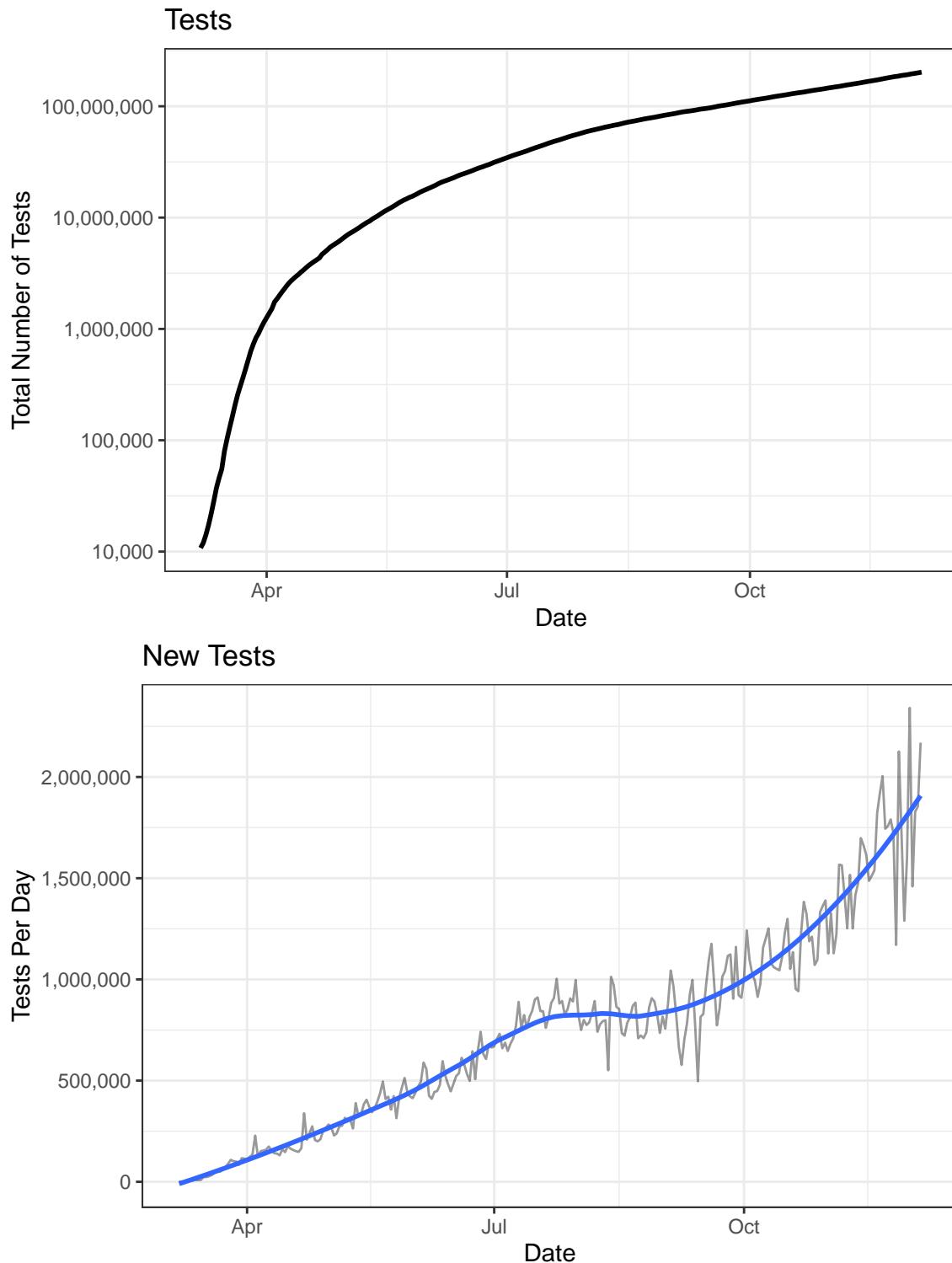


One-Week Change in Daily Cases

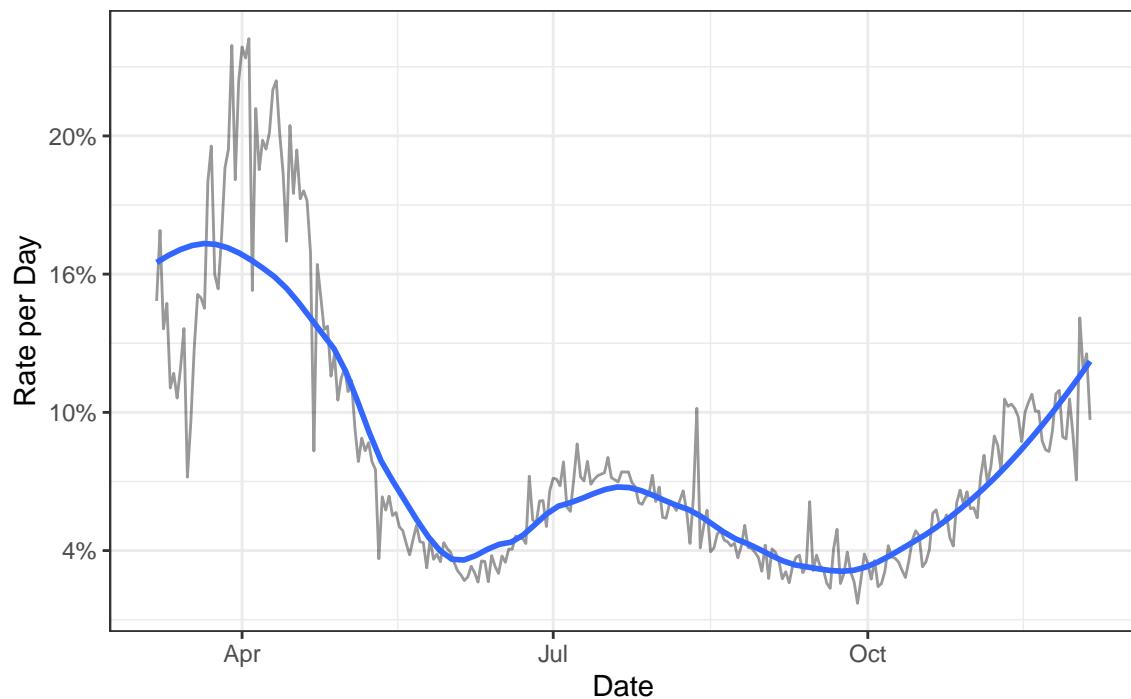


Testing

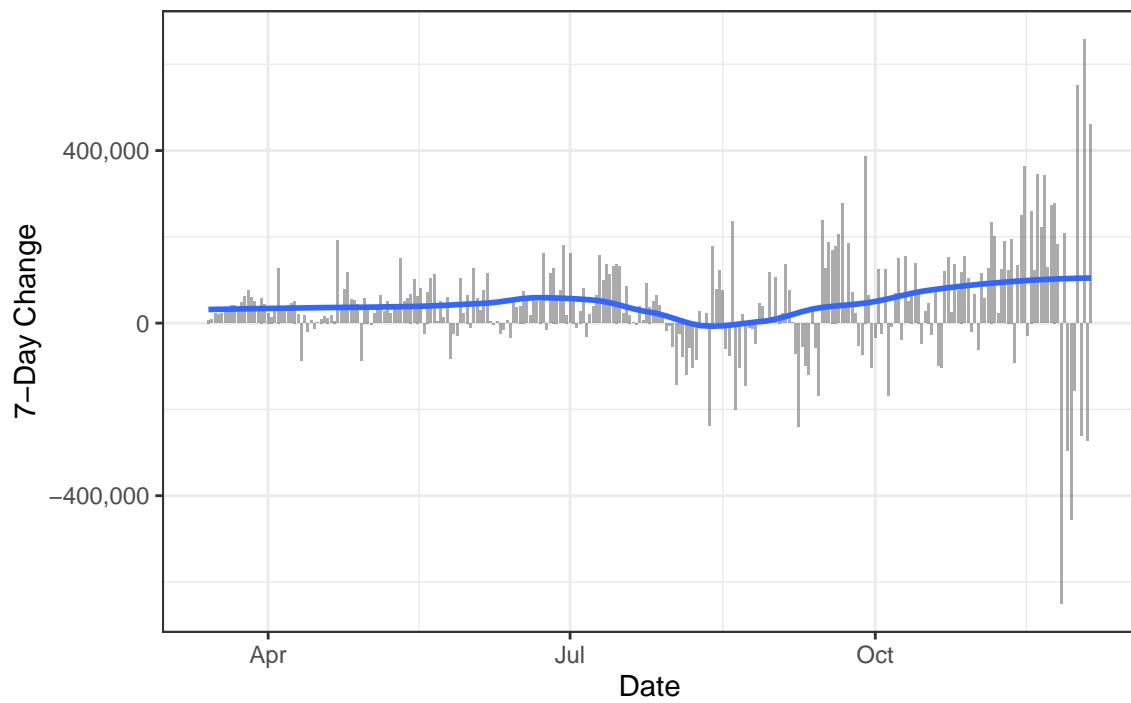
Widespread testing is necessary for managing the spread of the disease. The following charts show how testing in the United States has changed over time. When the supply of available tests is limited, they are typically only used for patients whose symptoms suggest they are likely to have contracted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



Positive Test Rate



One-Week Change in Daily Tests

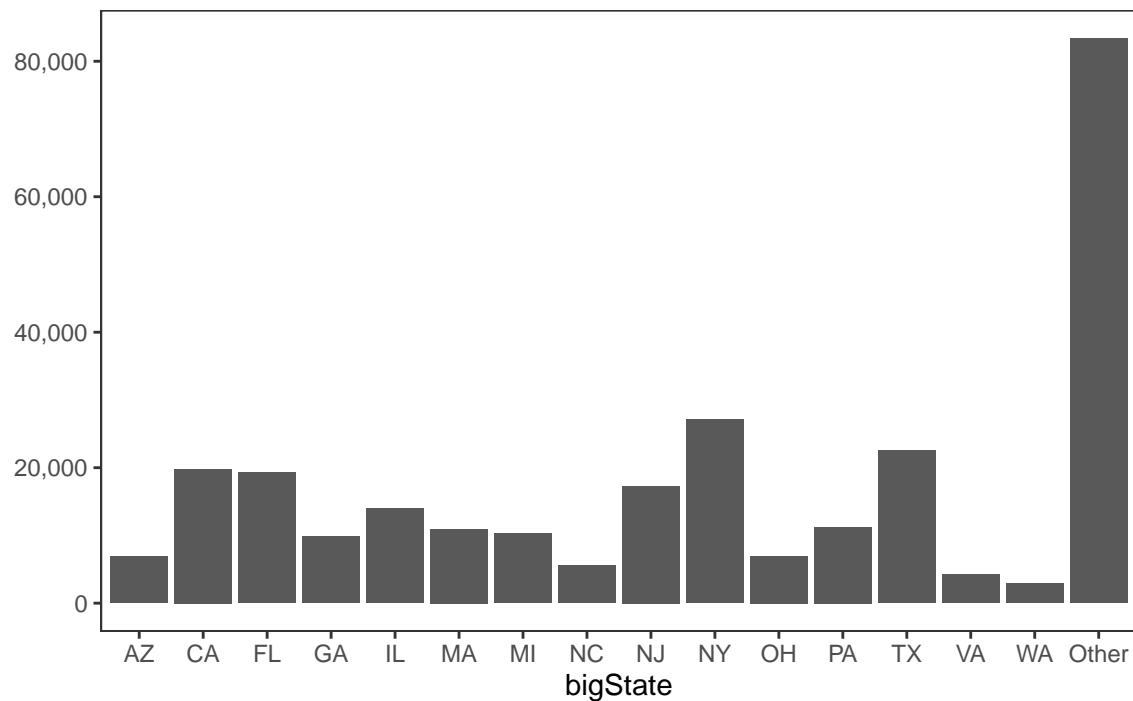


State Data

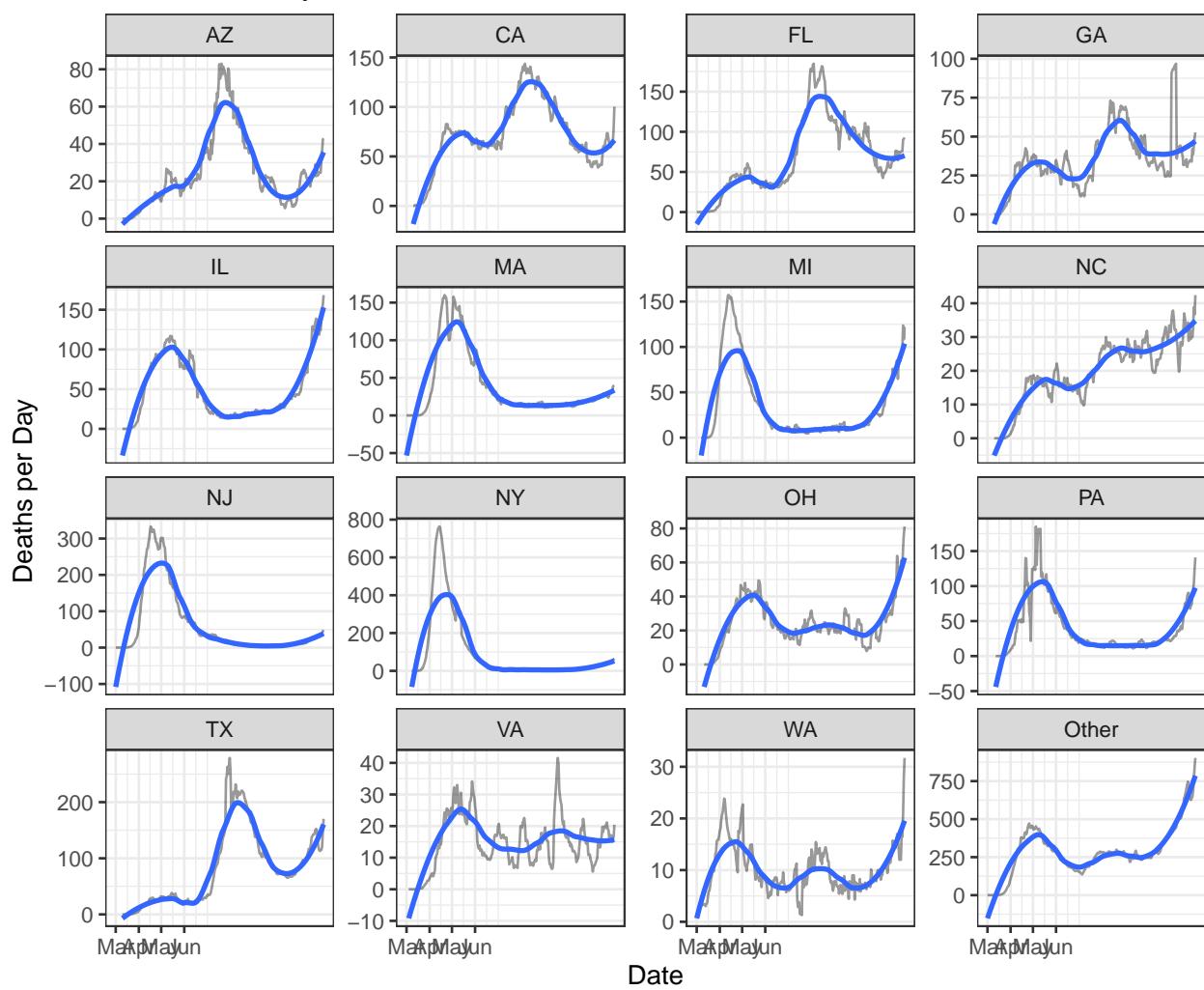
This section summarizes state-level data. Most data are reported for the largest 15 states by population, which account for NaN percent of the total U.S. population.

Deaths

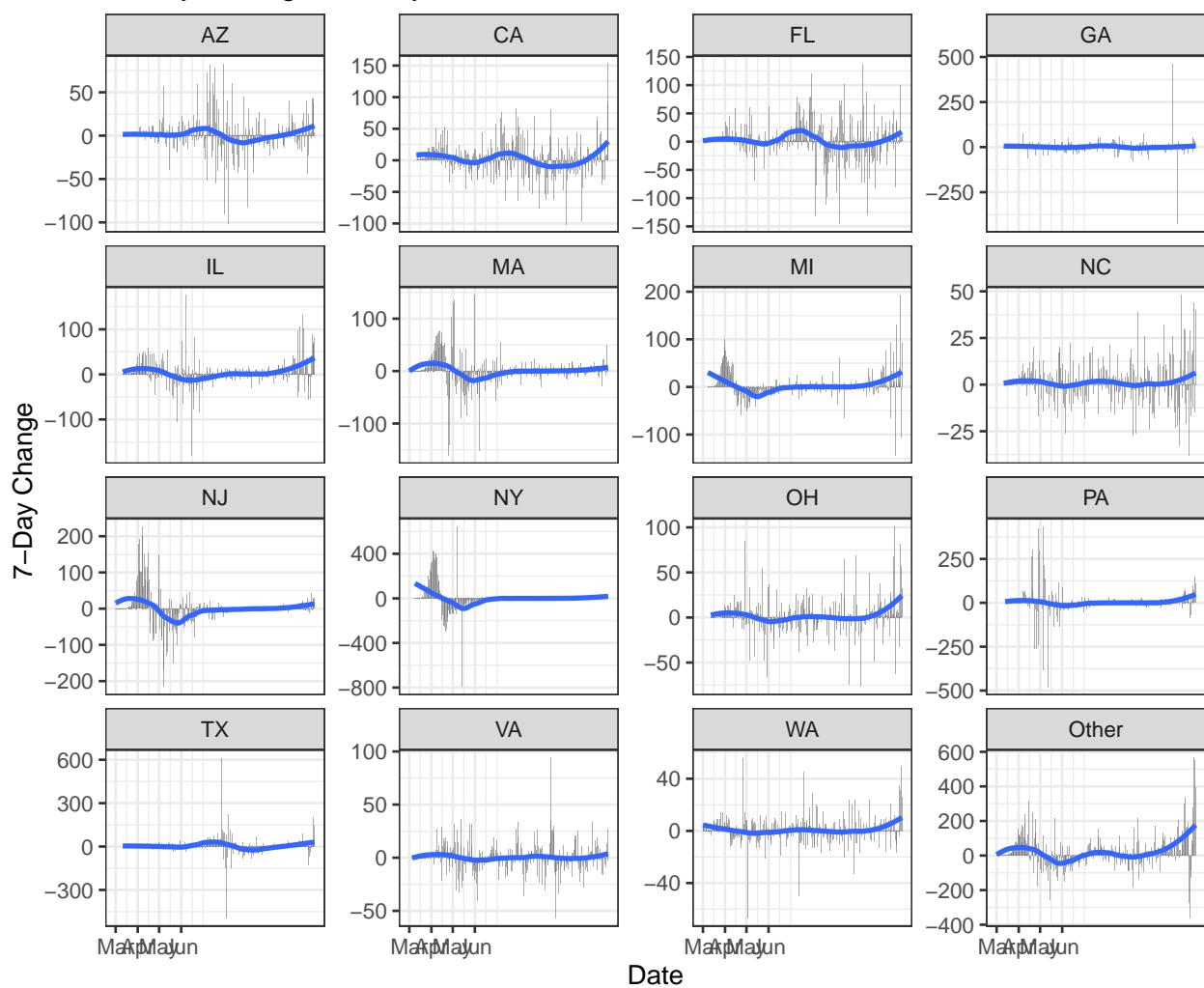
Deaths by State

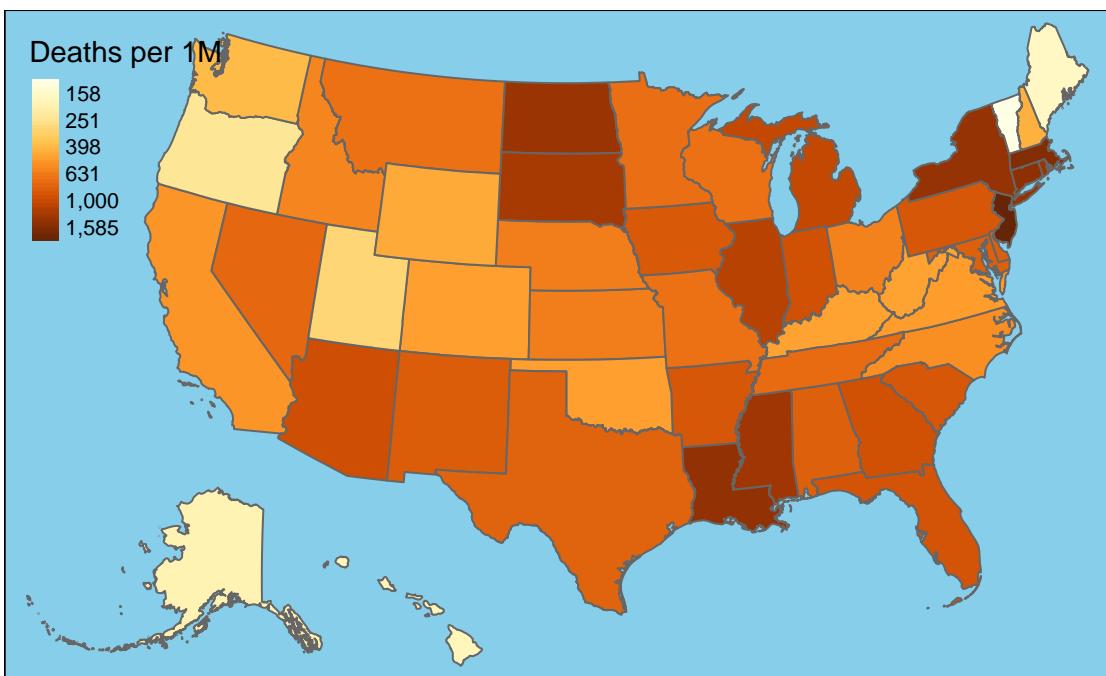
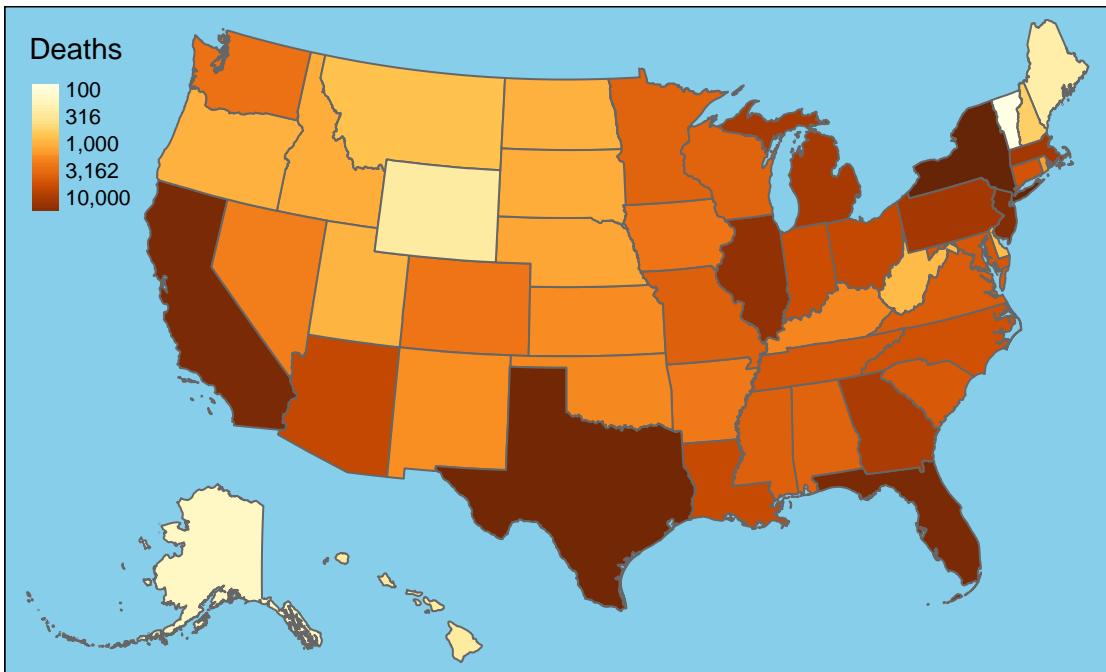


New Deaths by State



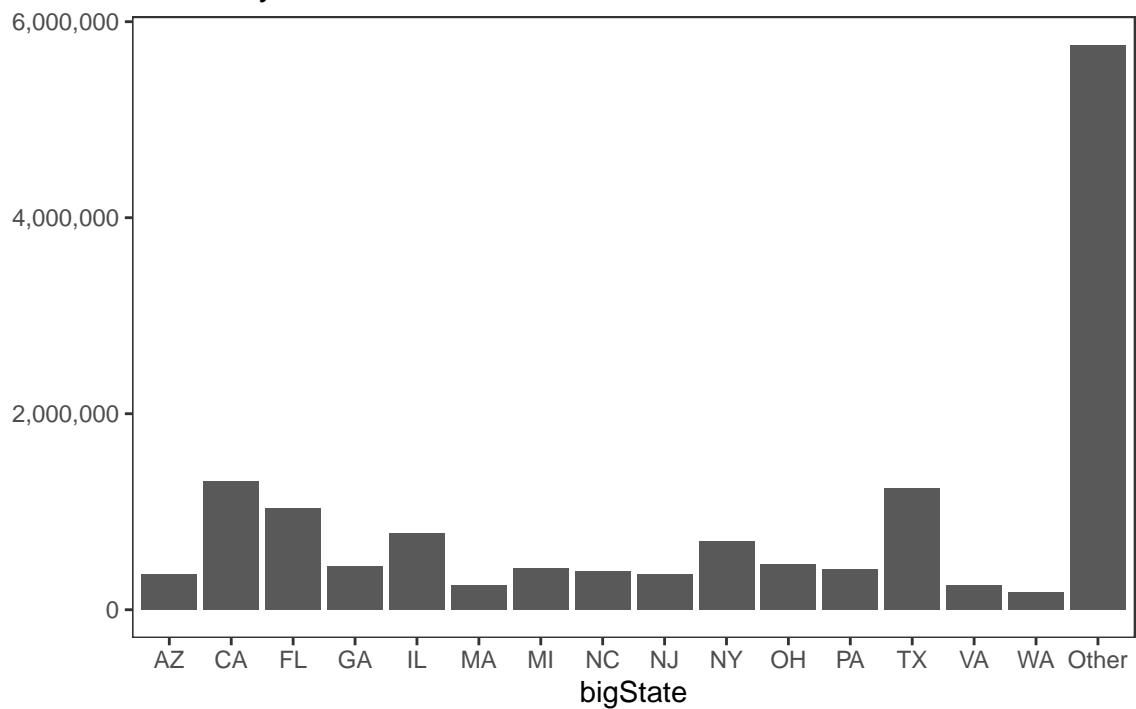
7-Day Change in Daily Deaths



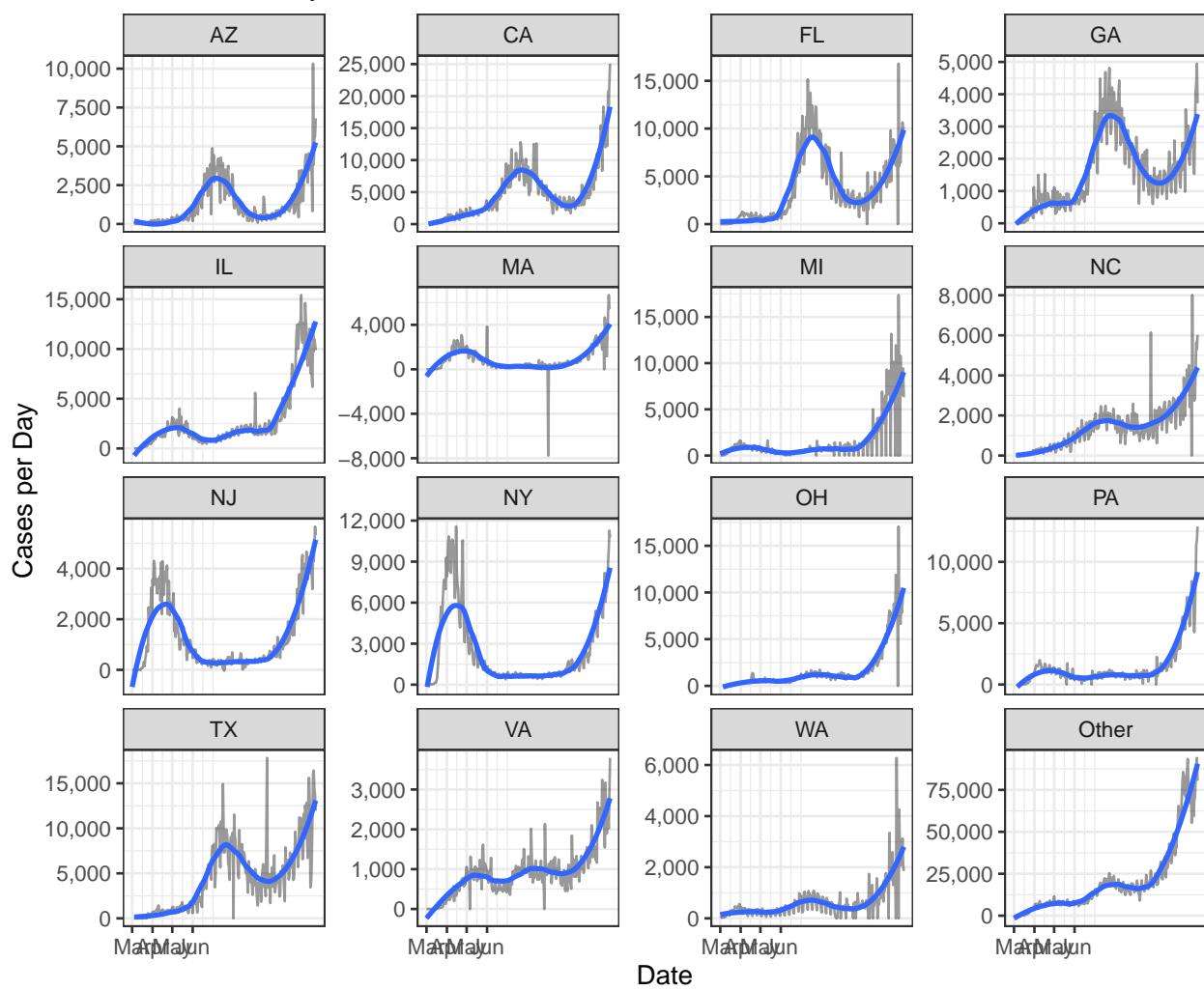


Cases

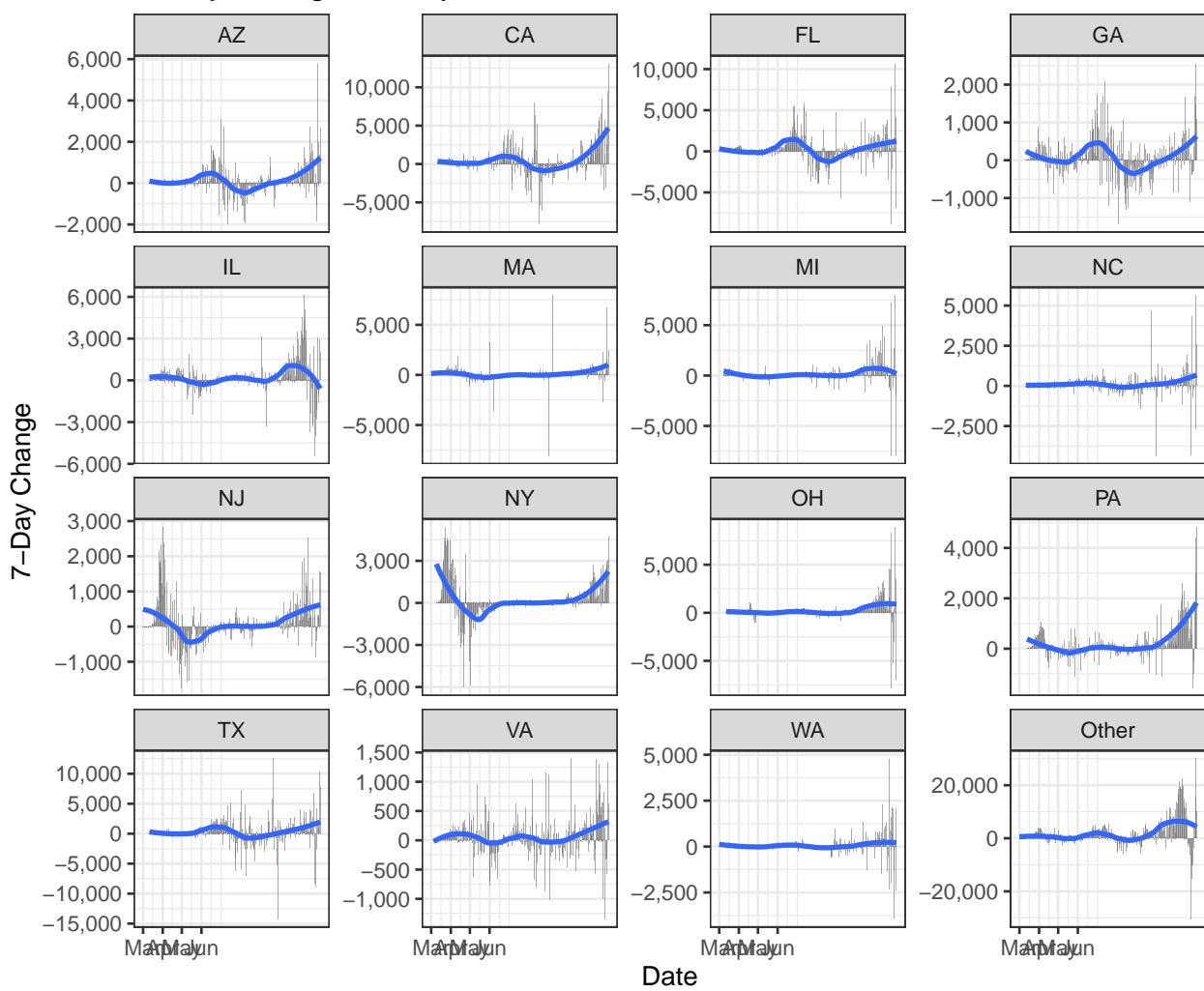
Cases by State

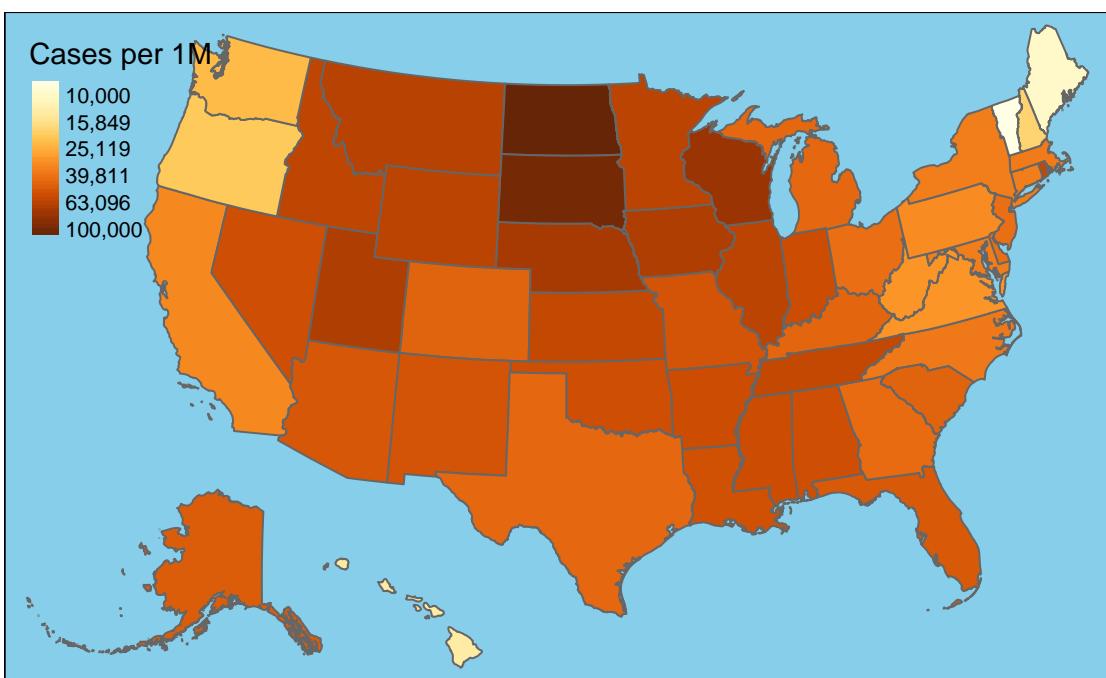
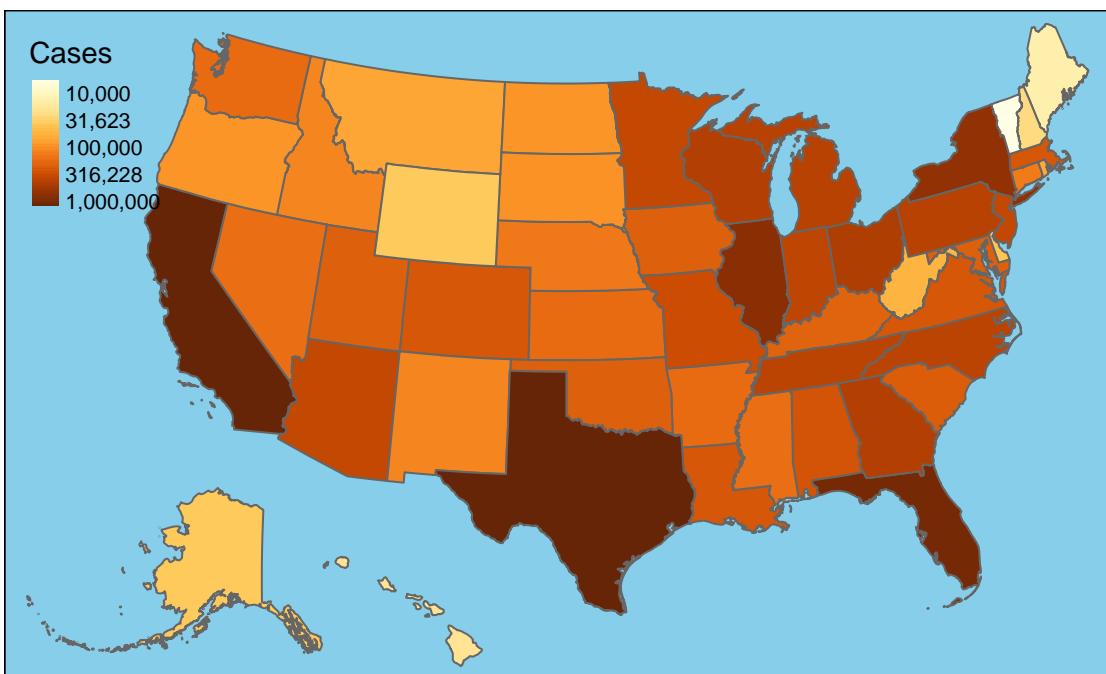


New Cases by State

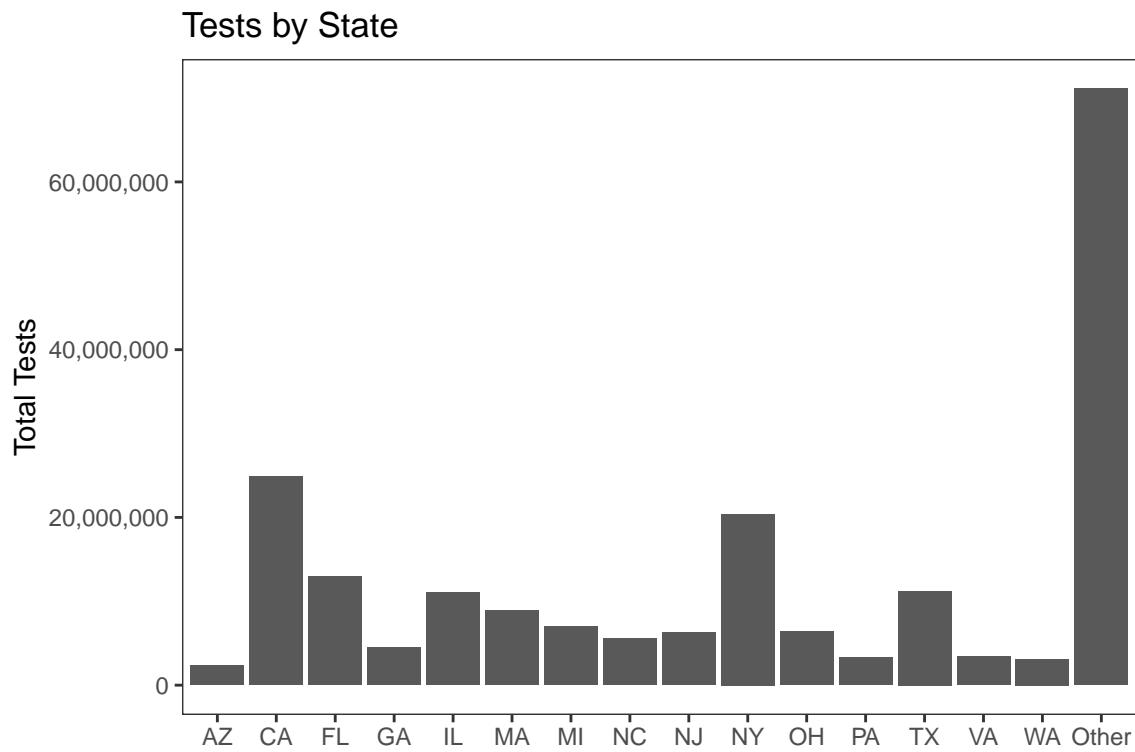


7-Day Change in Daily Cases

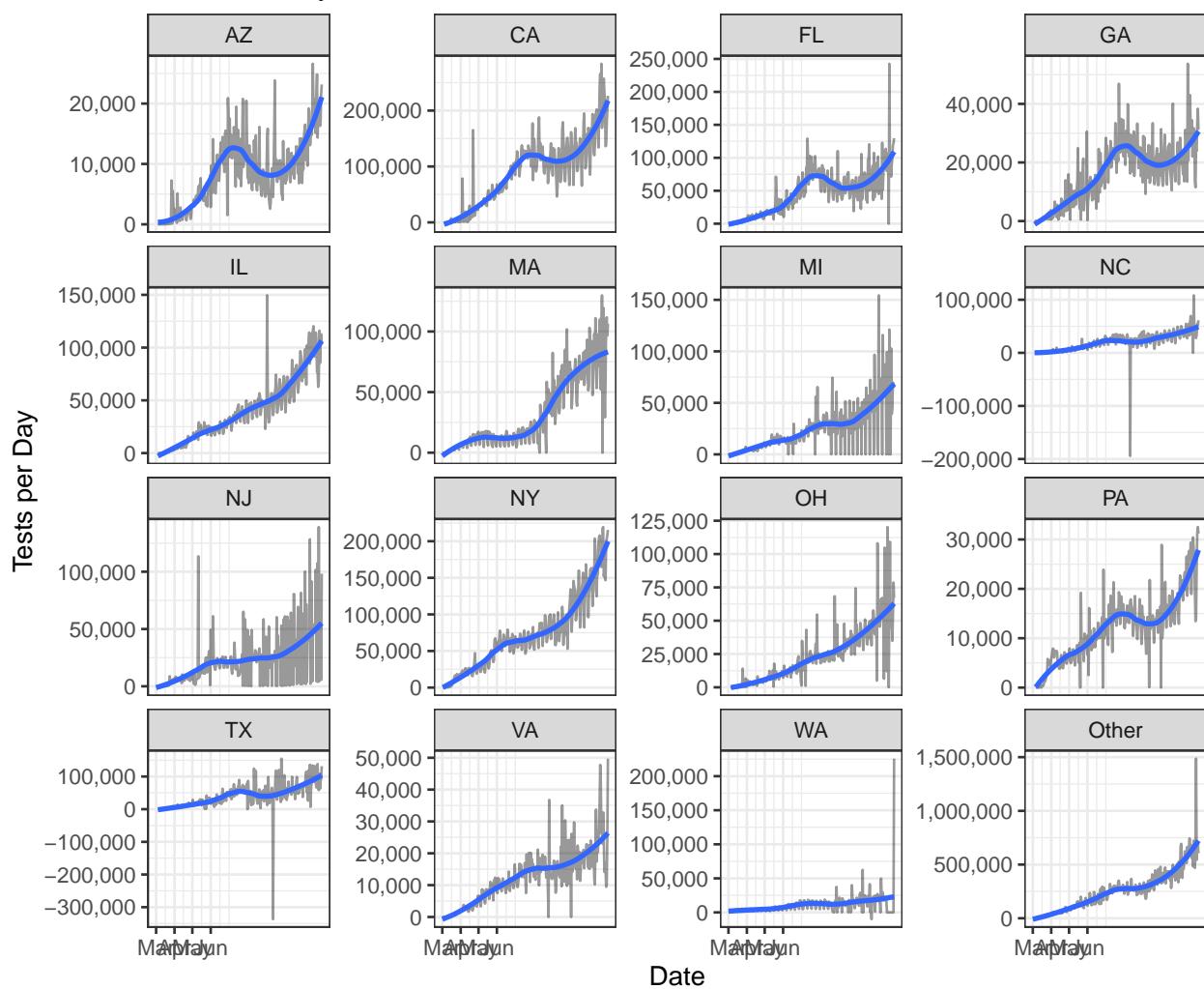


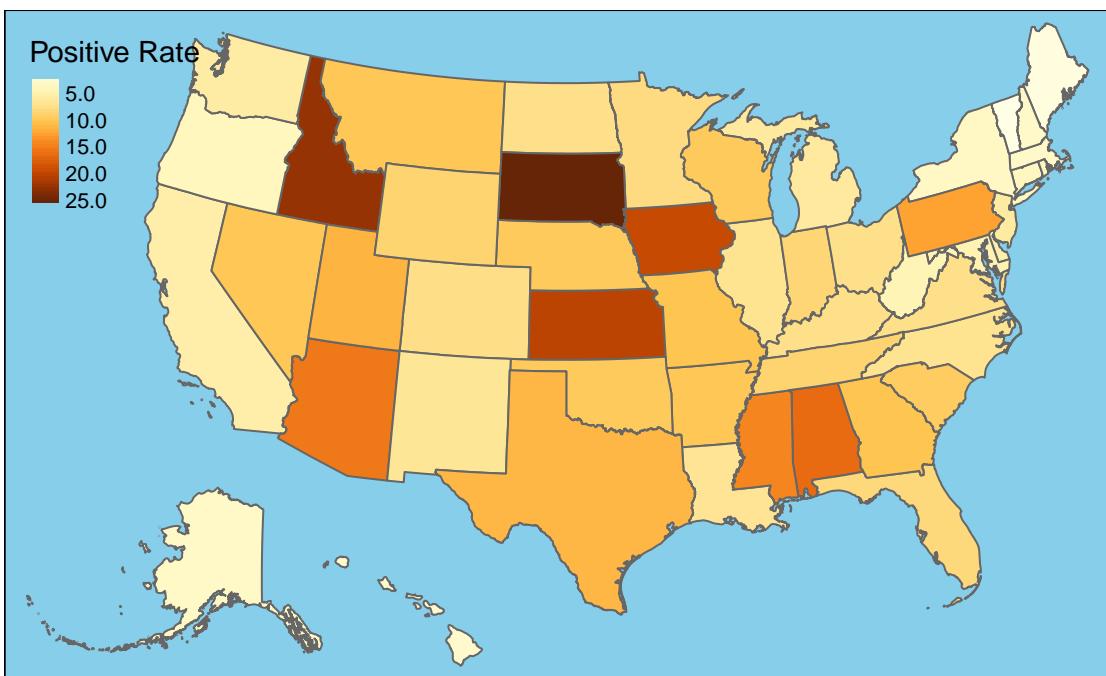
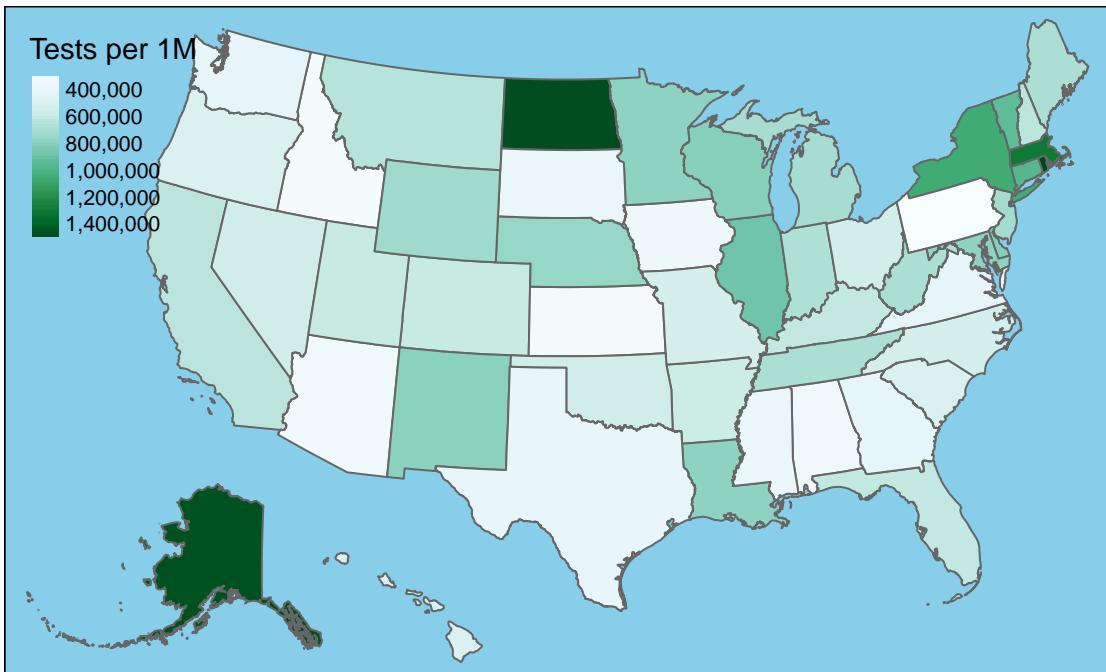


Testing



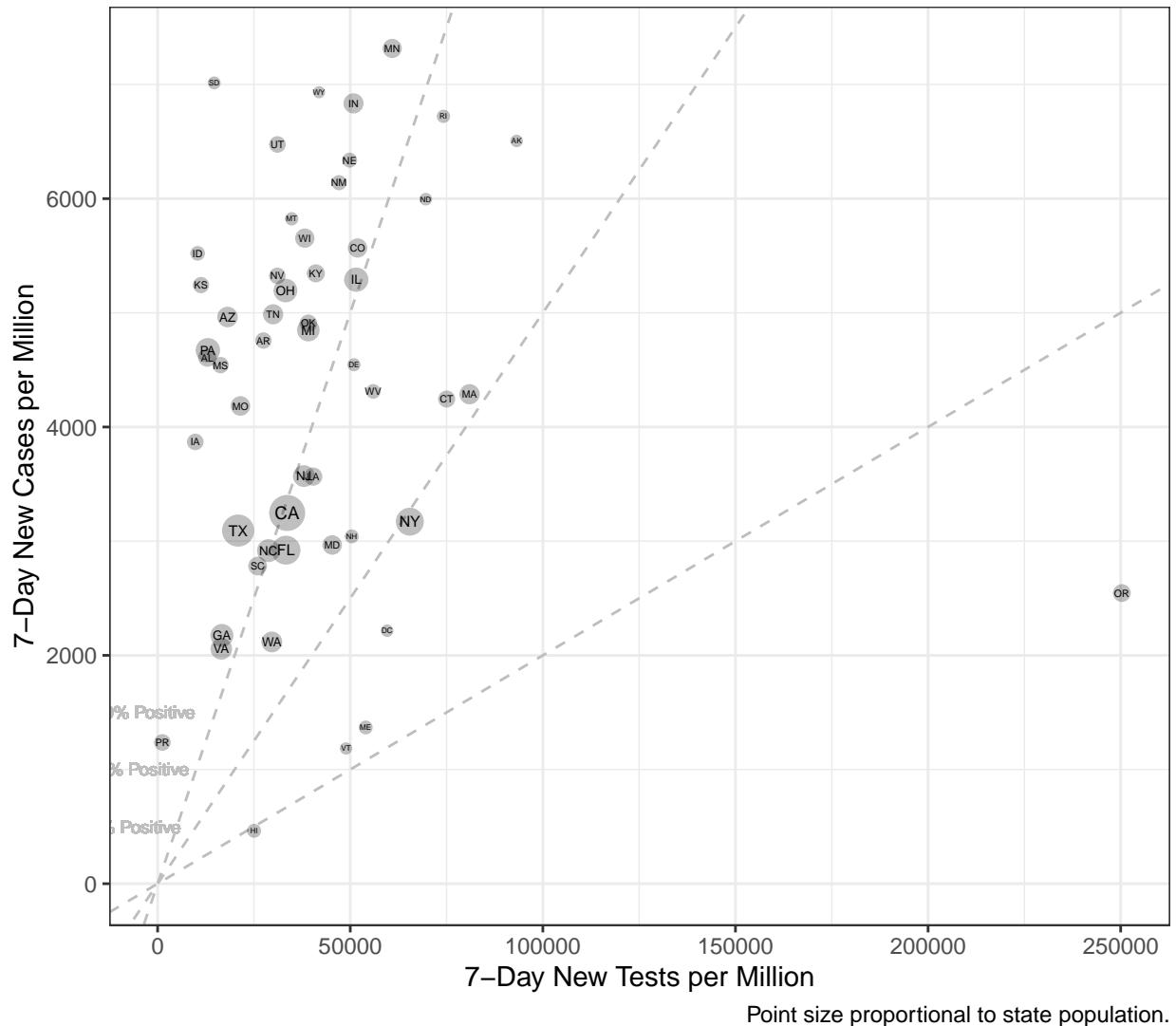
New Tests by State





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



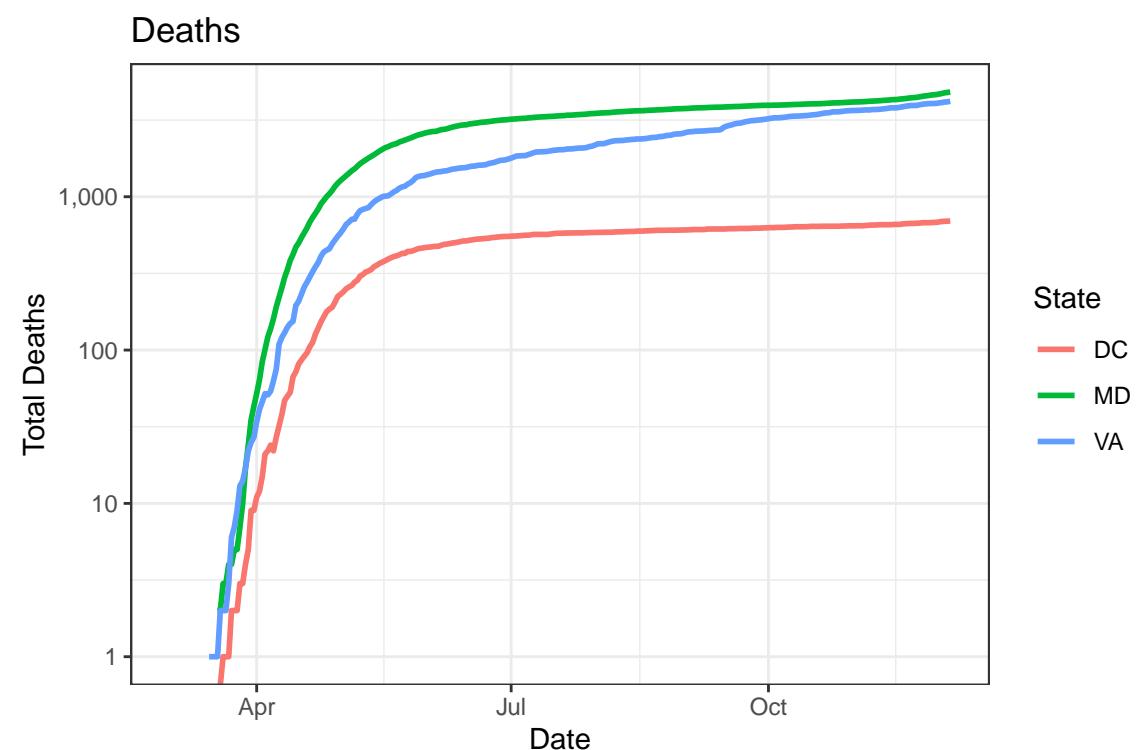
Local Data

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

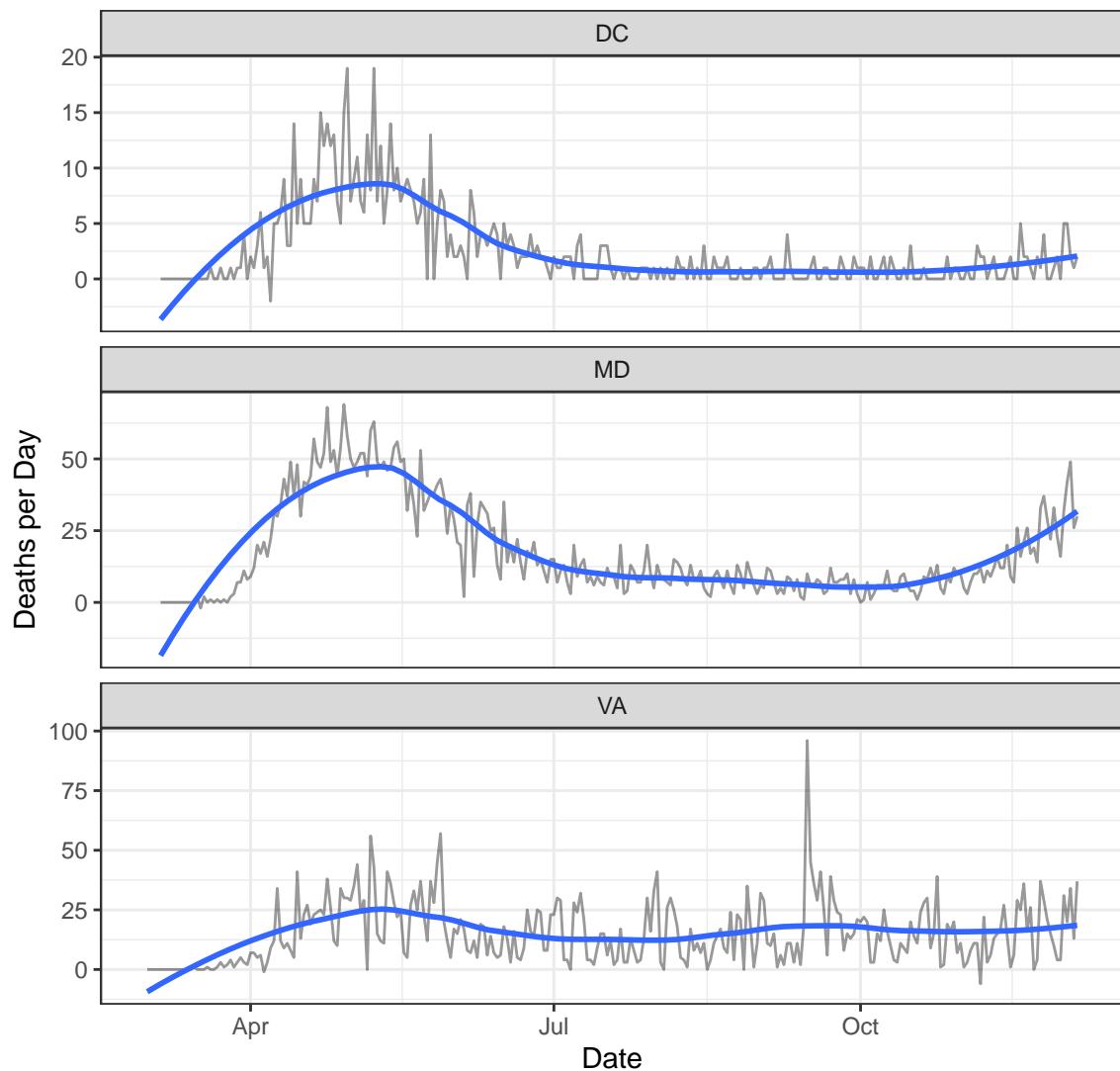
Table 3: Latest Local Data

State	Cases	Deaths	New Cases	New Deaths
DC	22,872	695	392	2
MD	212,384	4,820	3,193	30
VA	251,173	4,197	3,793	37

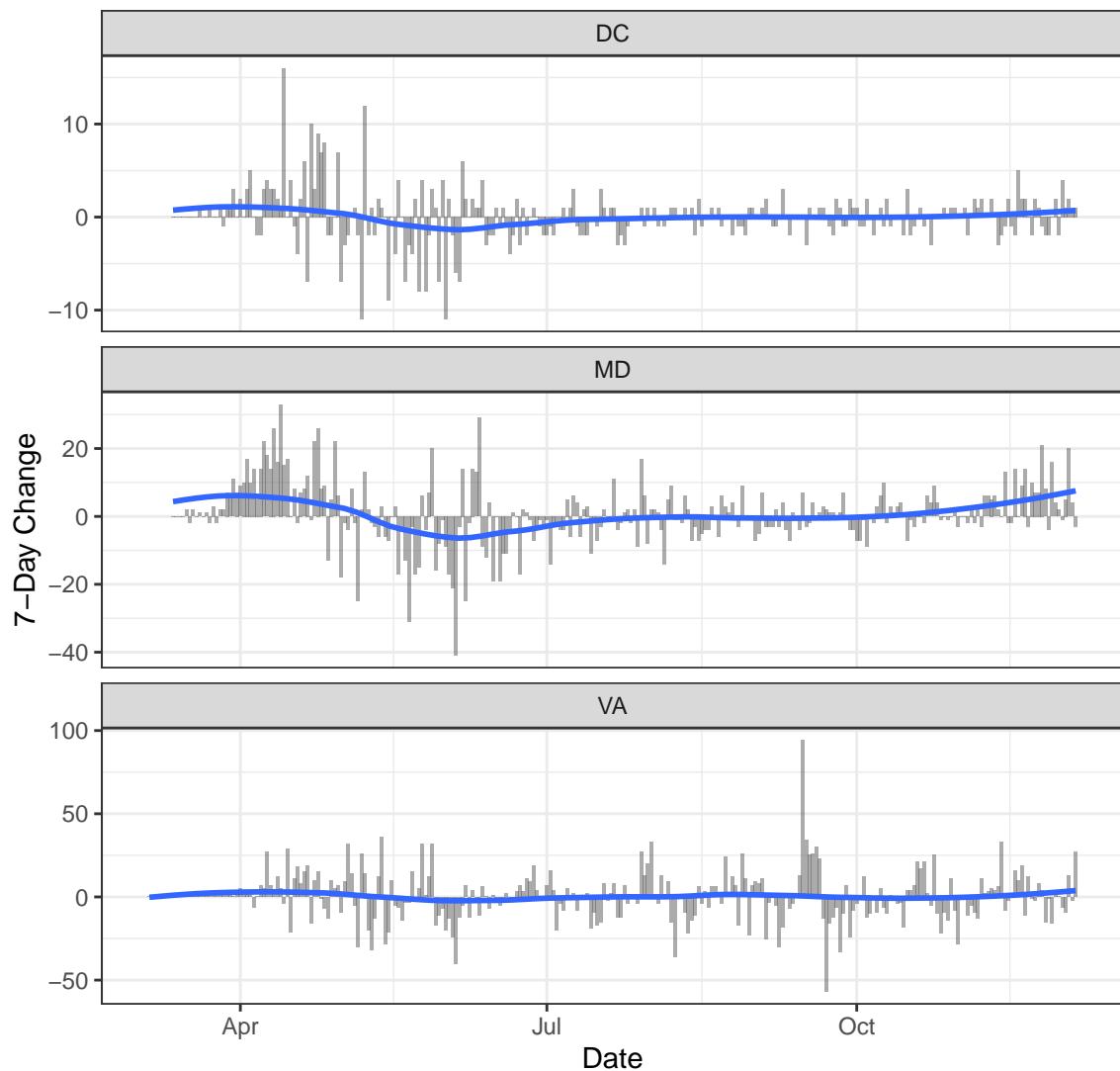
Deaths

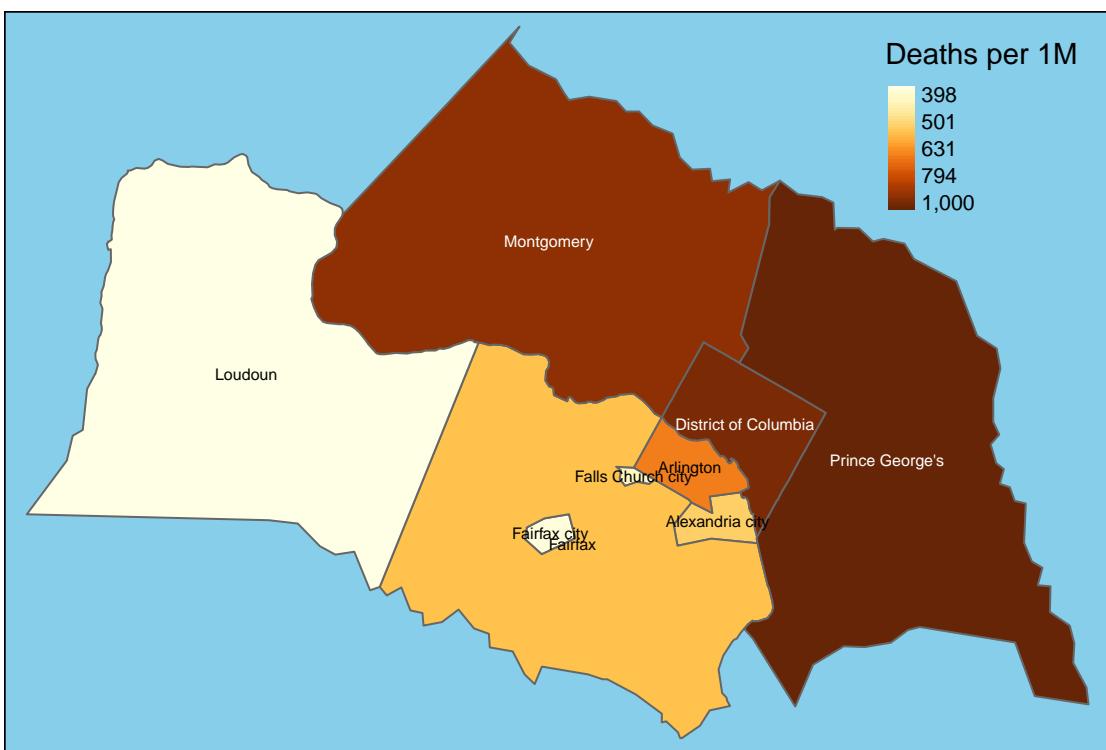
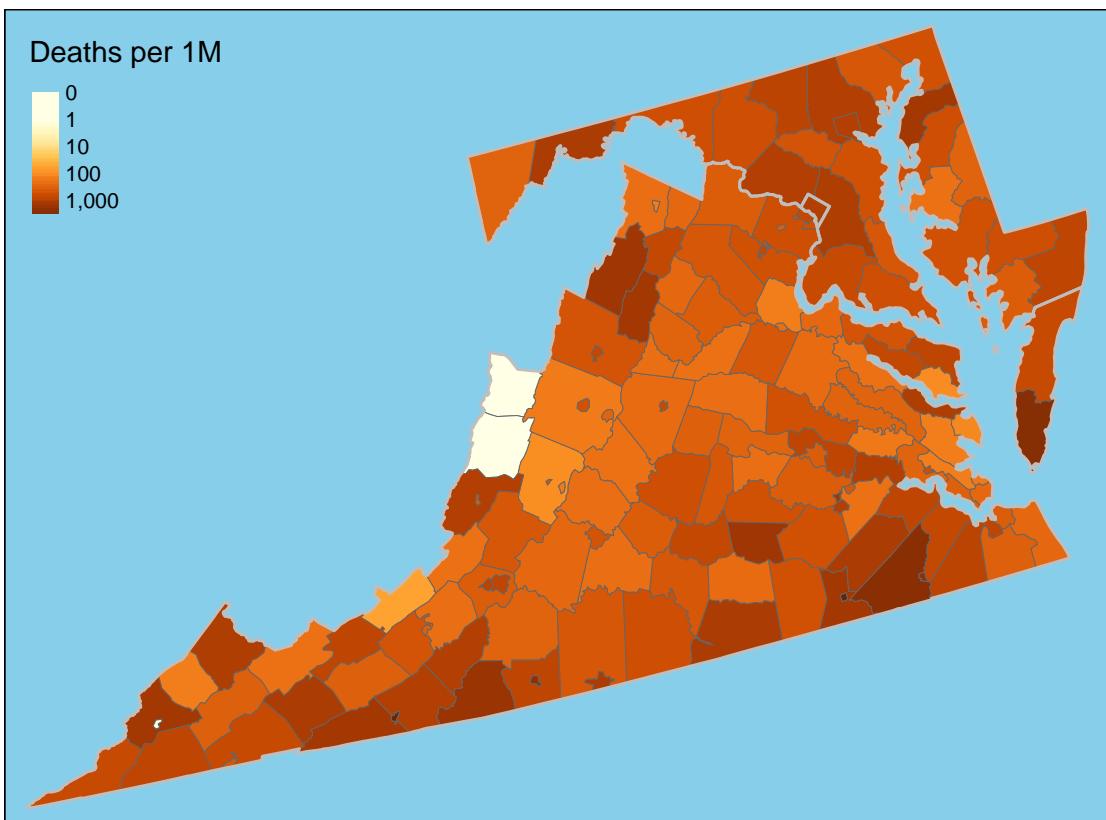


New Deaths

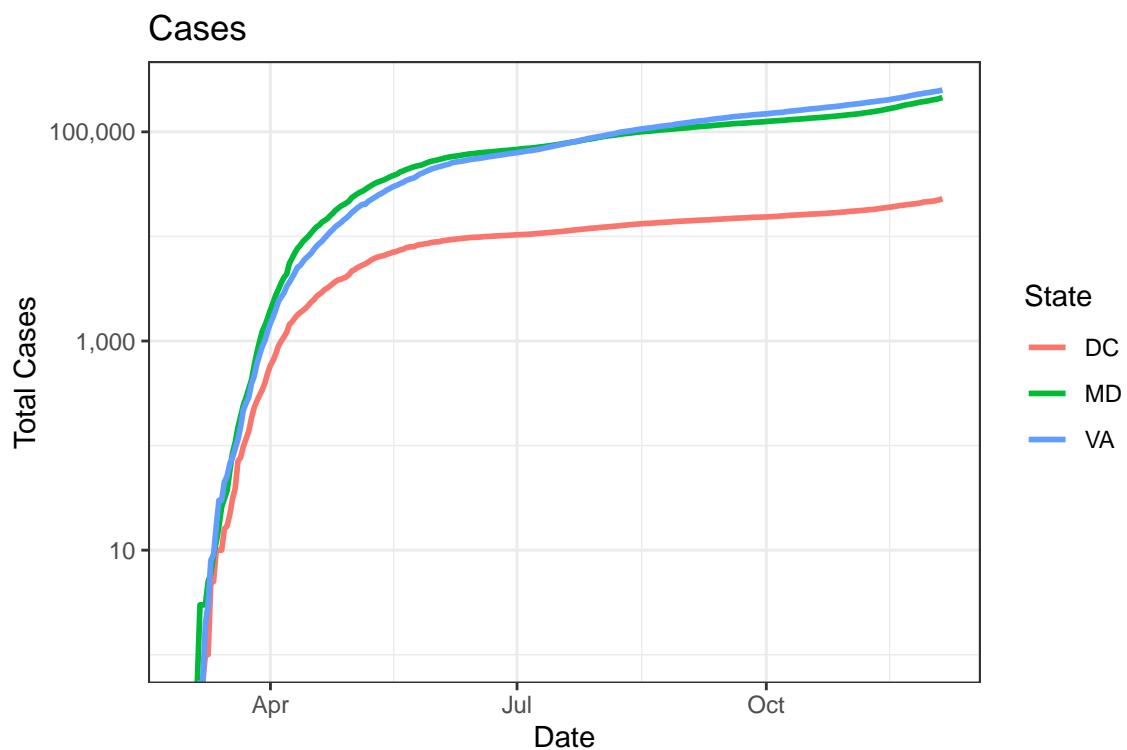


One-Week Change in Daily Deaths

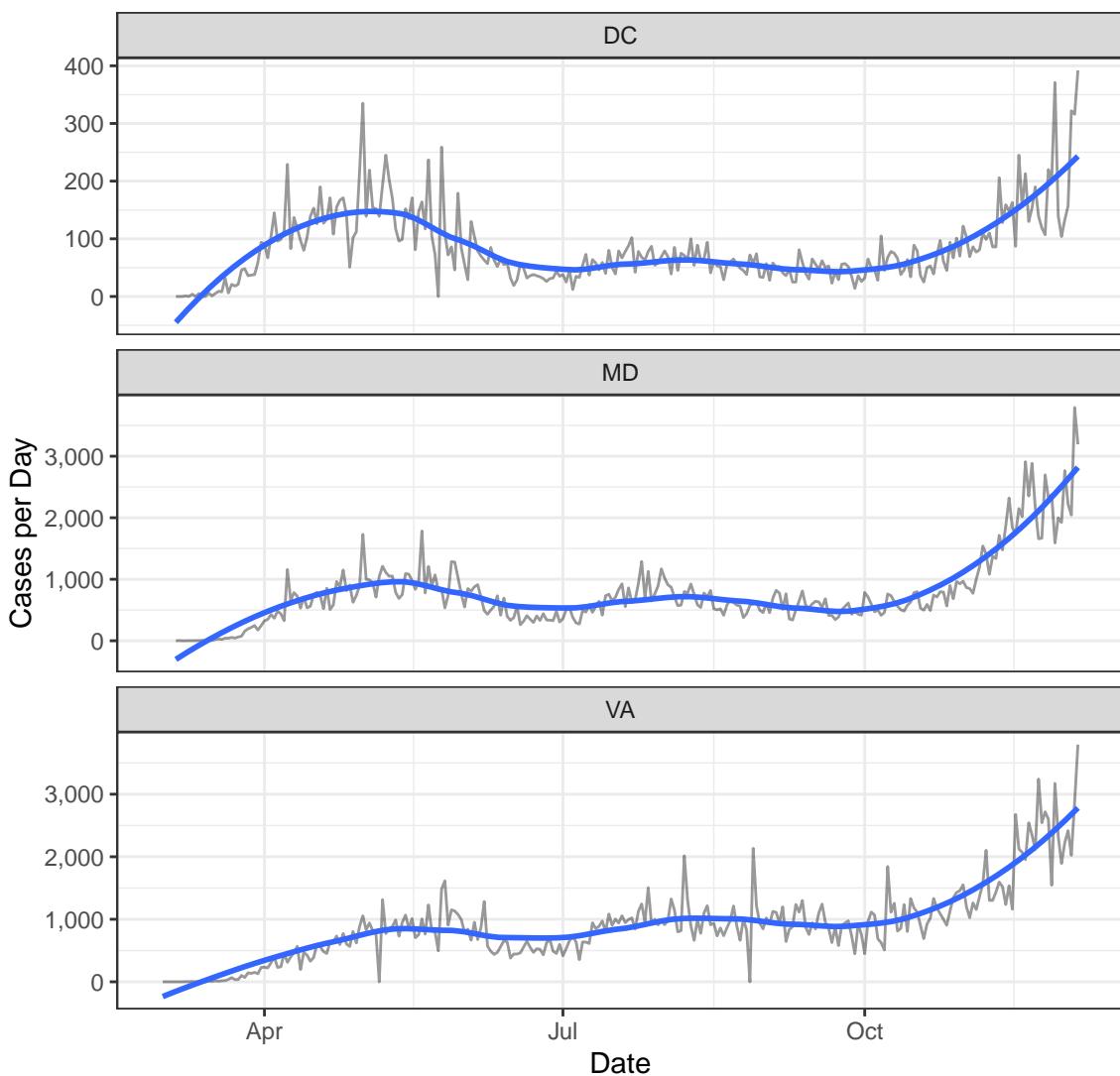




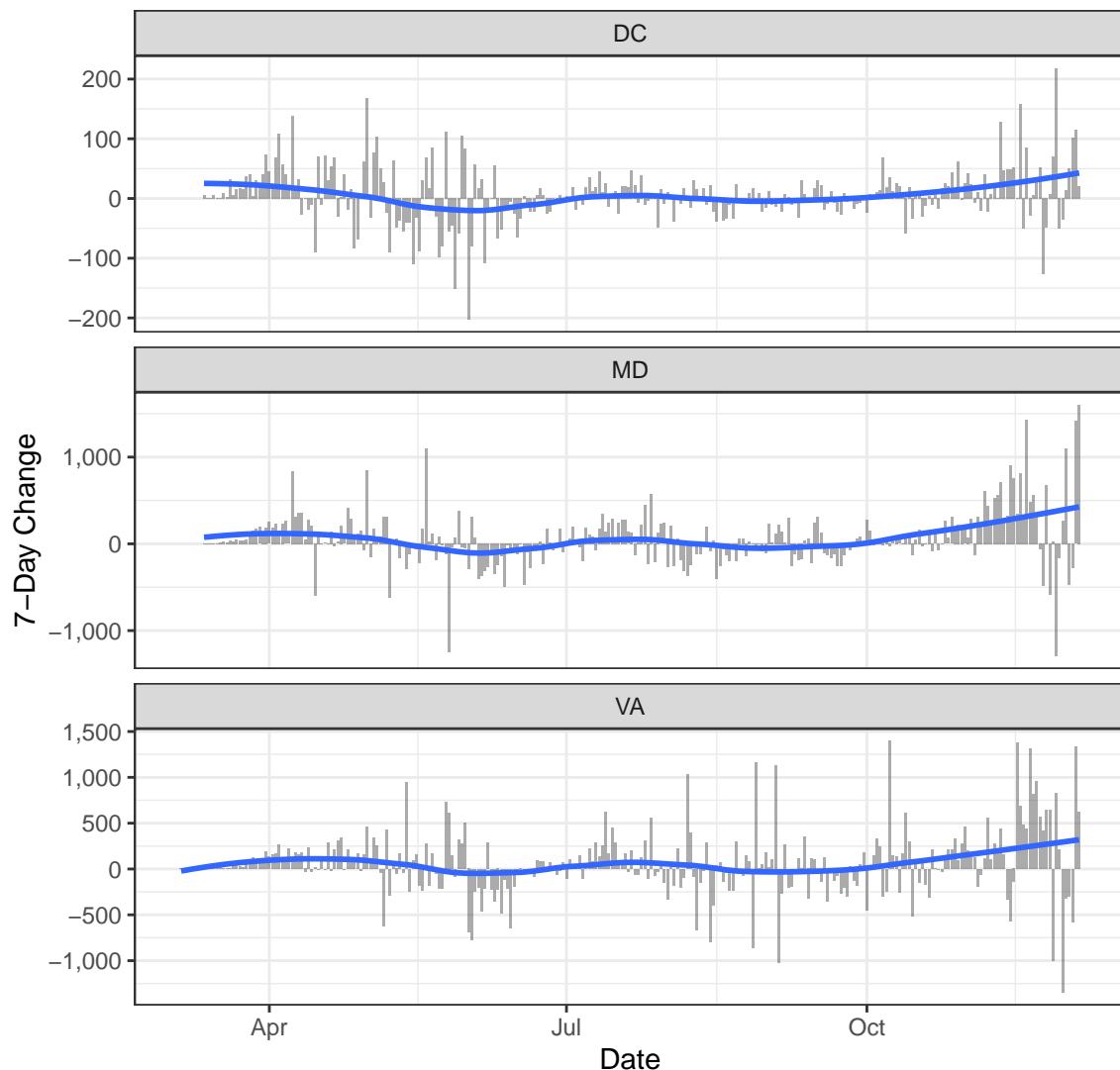
Cases

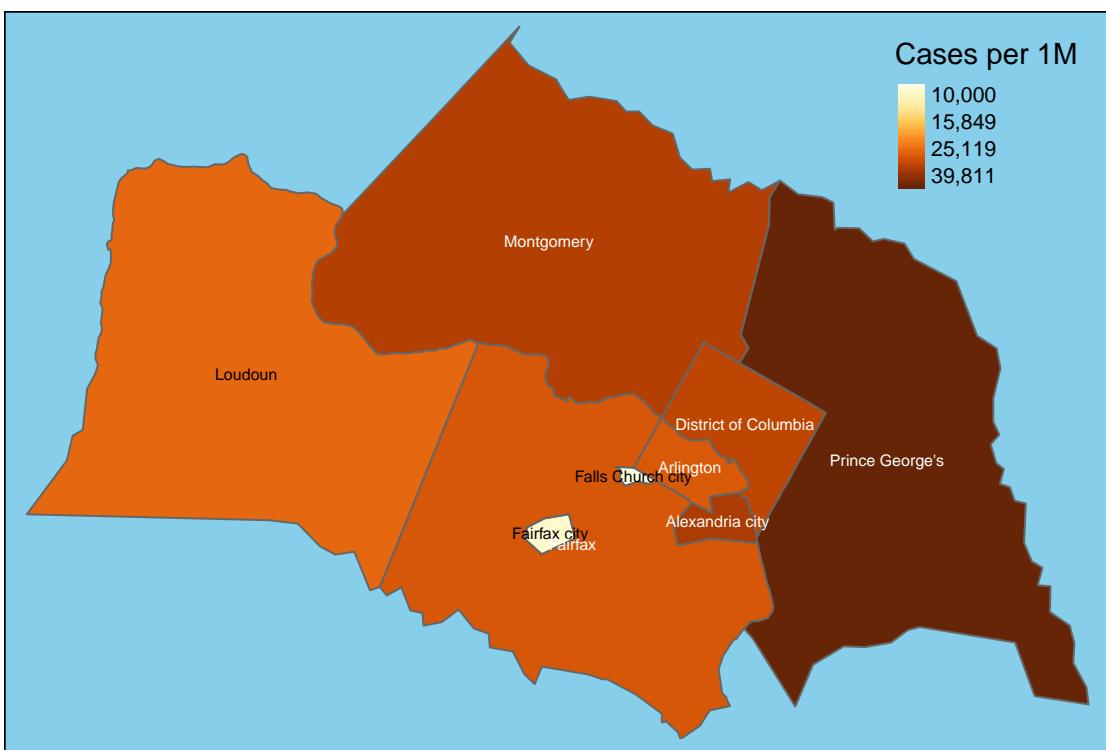
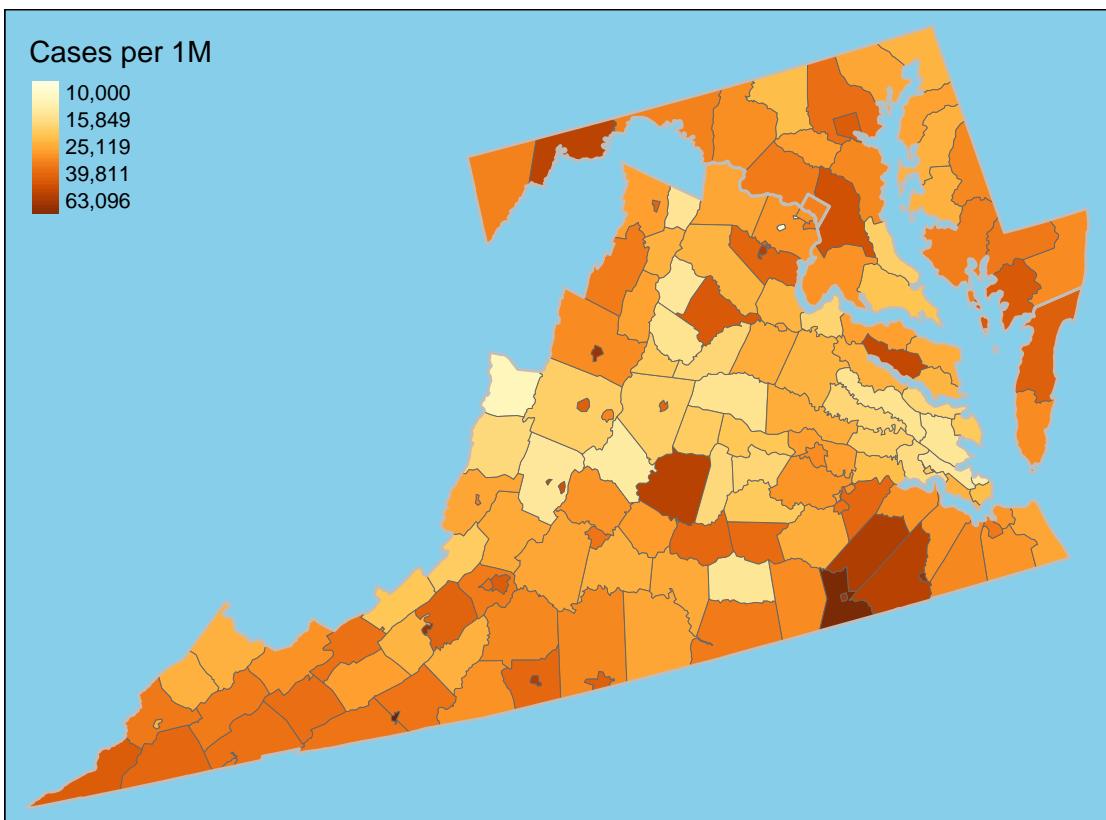


New Cases

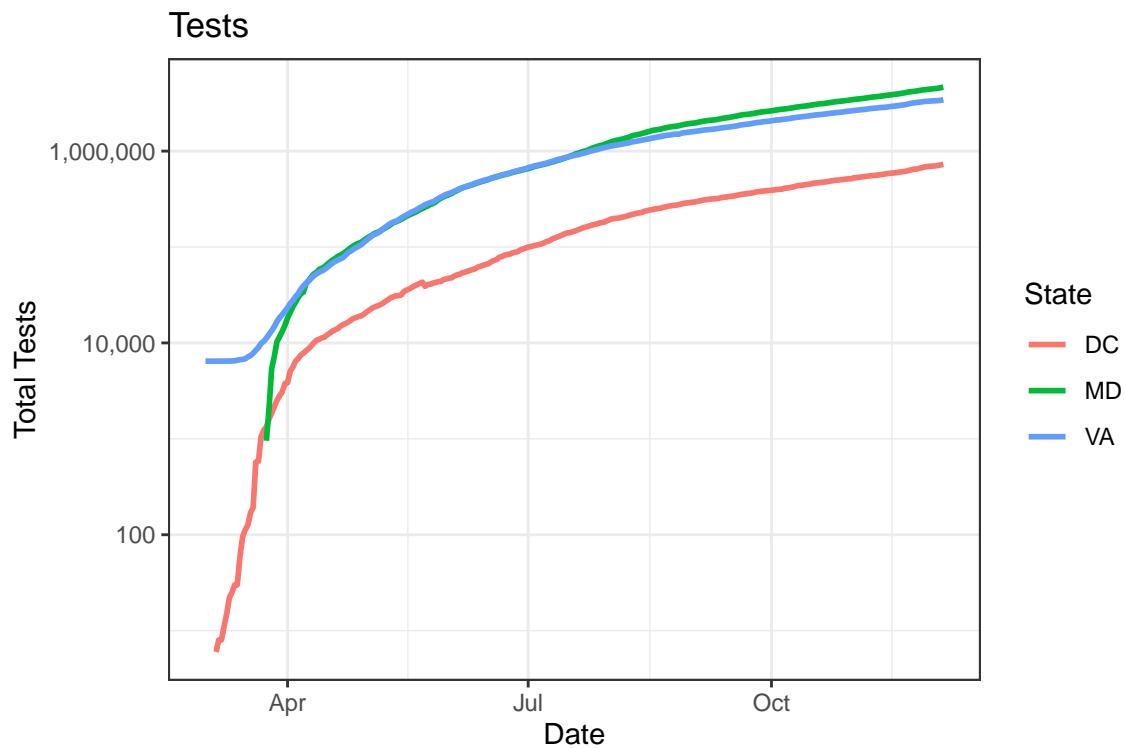


One-Week Change in Daily Cases

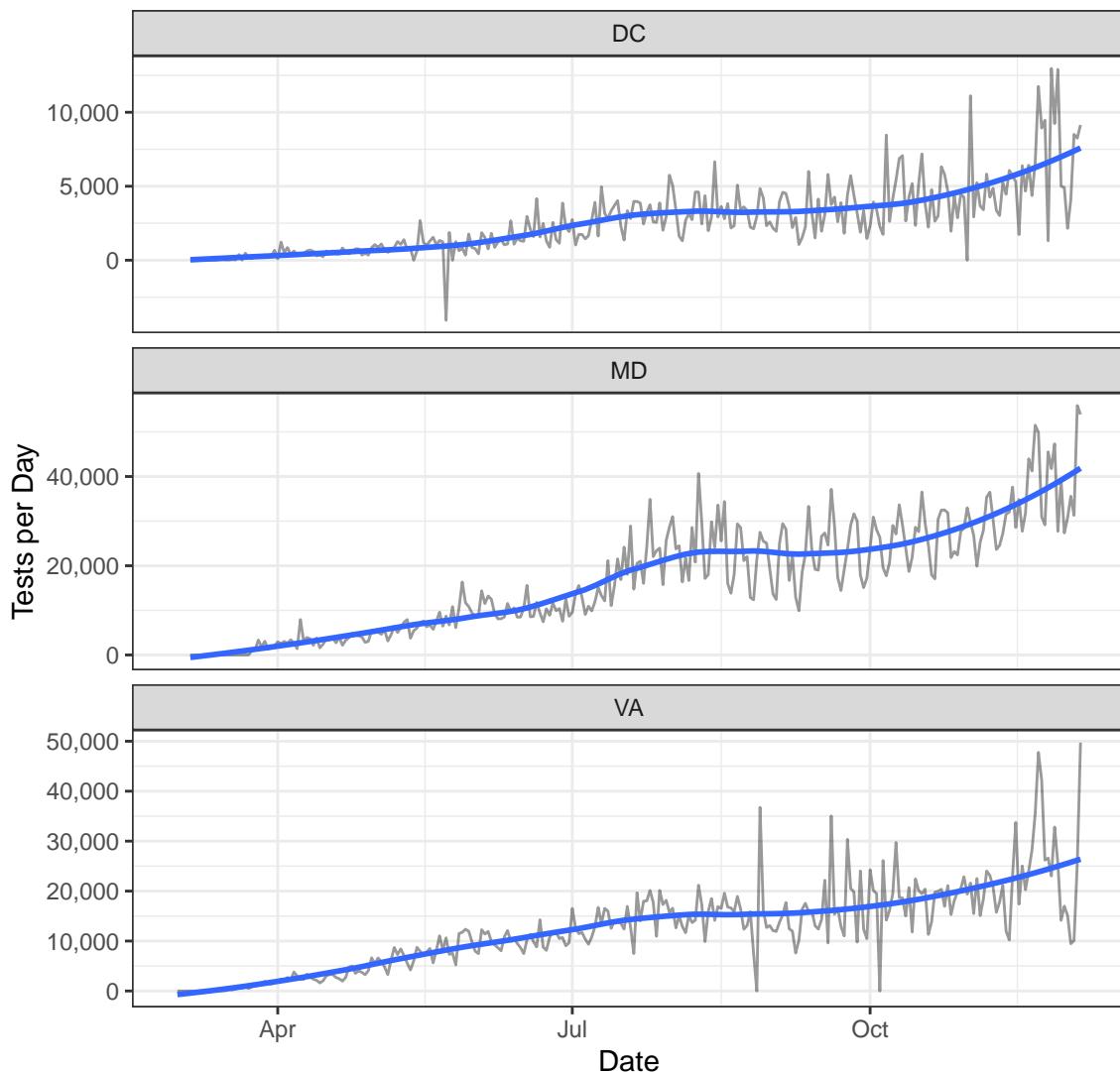




Testing



New Tests



Positive Test Rate

