

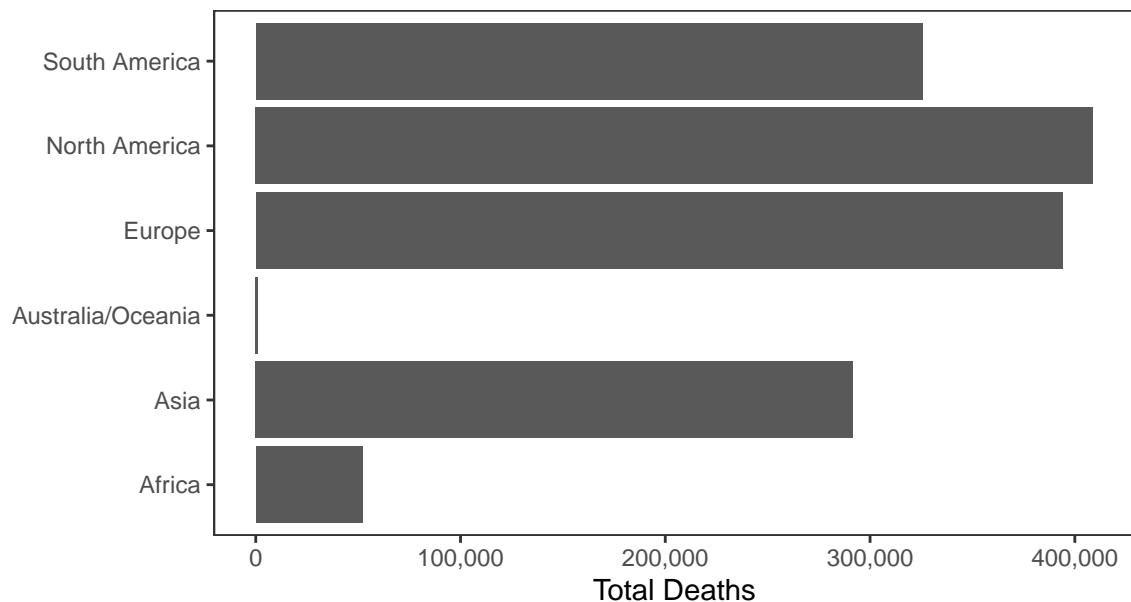
Erik's Covid-19 Chart Pack

Data updated 2020-12-01 08:13:26. 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 63,578,656 confirmed Covid-19 cases and 1,473,456 deaths worldwide.

Deaths



Cases

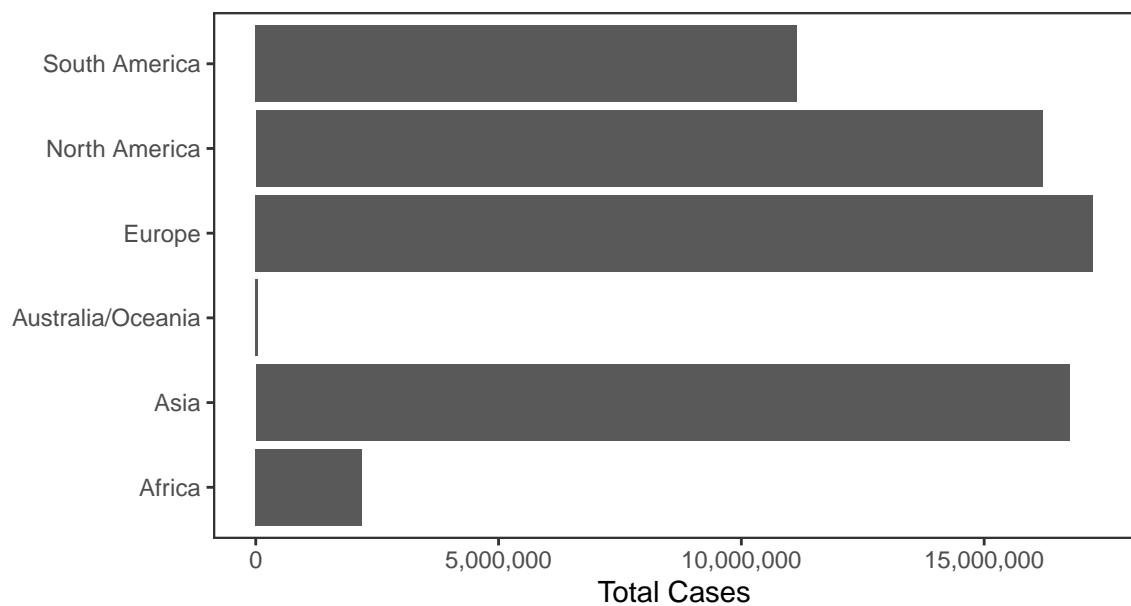
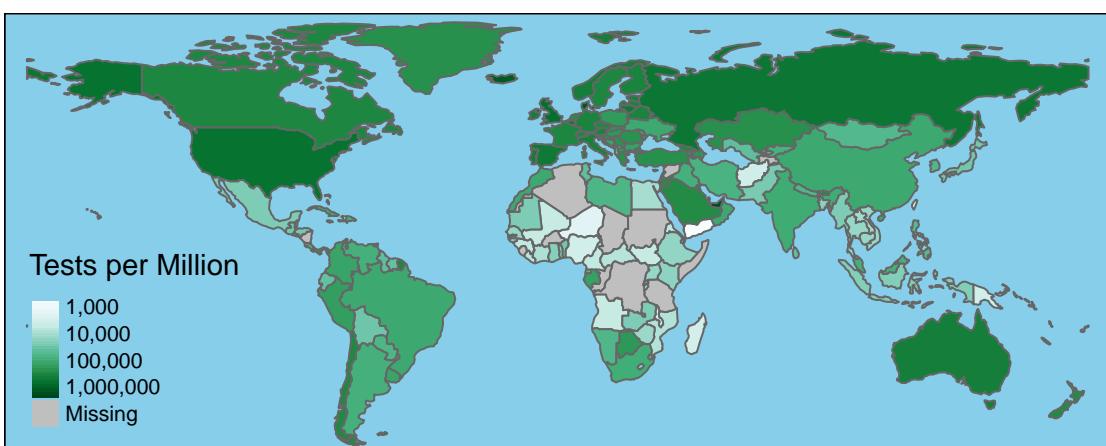
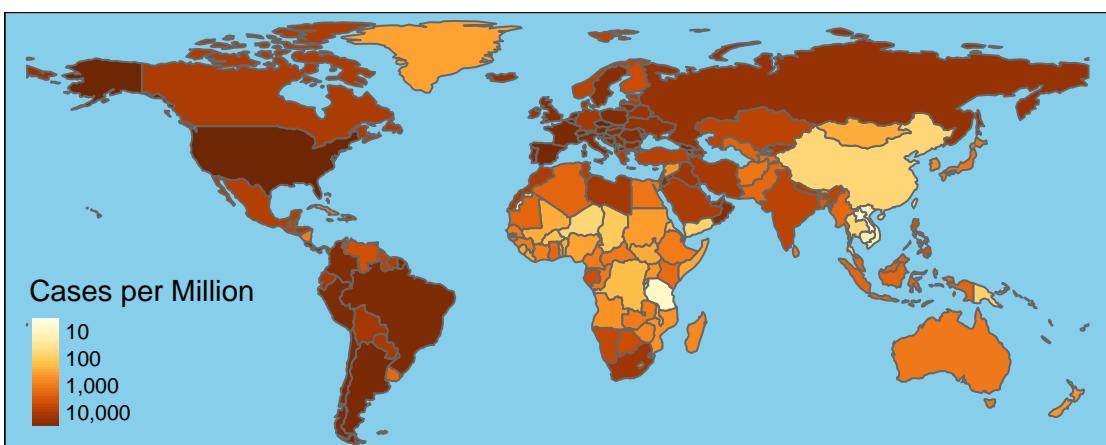
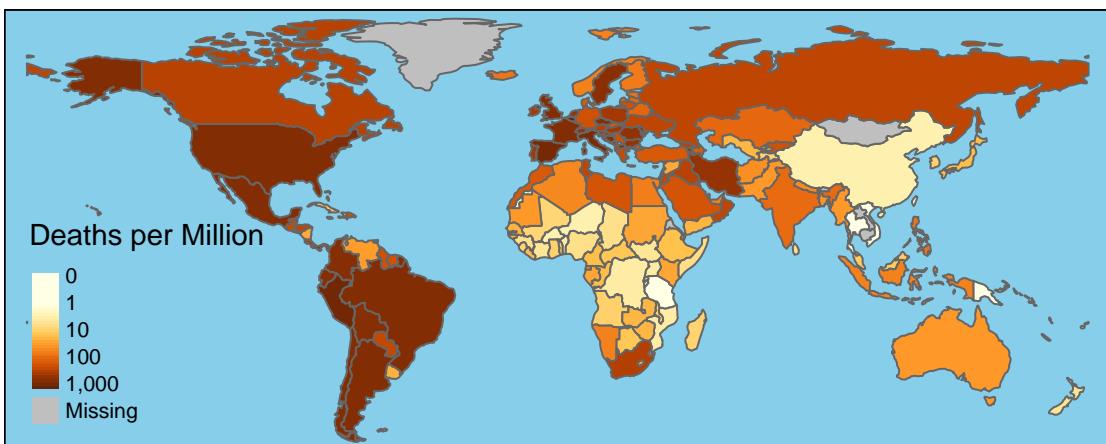


Table 1: Top Countries by Total Cases

Country	Cases	Deaths	New Cases	New Deaths
USA	13,920,038	274,332	161,736	1,238
India	9,463,254	137,659	31,179	482
Brazil	6,336,278	173,165	21,538	317
Russia	2,295,654	39,895	26,338	368
France	2,222,488	52,731	4,005	406
Spain	1,664,945	45,069	6,659	133
UK	1,629,657	58,448	12,330	205
Italy	1,601,554	55,576	16,377	672
Argentina	1,424,533	38,730	5,726	257
Colombia	1,316,806	36,766	8,430	182
Mexico	1,107,071	105,655	6,388	196
Germany	1,069,763	16,862	14,156	329
Poland	990,819	17,150	5,741	121
Peru	963,605	35,966	1,075	43
Iran	962,070	48,246	13,321	371
South Africa	790,004	21,535	2,302	58
Ukraine	732,625	12,327	9,946	114
Turkey	638,847	13,746	31,219	188
Belgium	576,599	16,547	2,151	86
Iraq	552,549	12,258	2,114	34



National Data

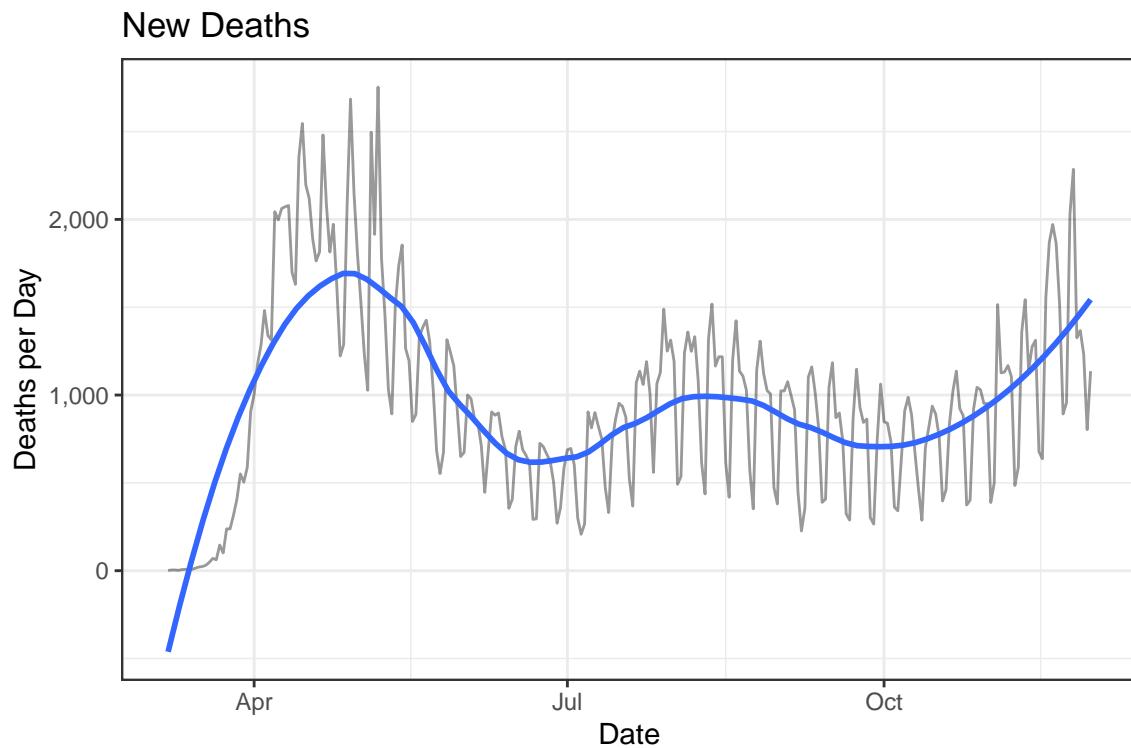
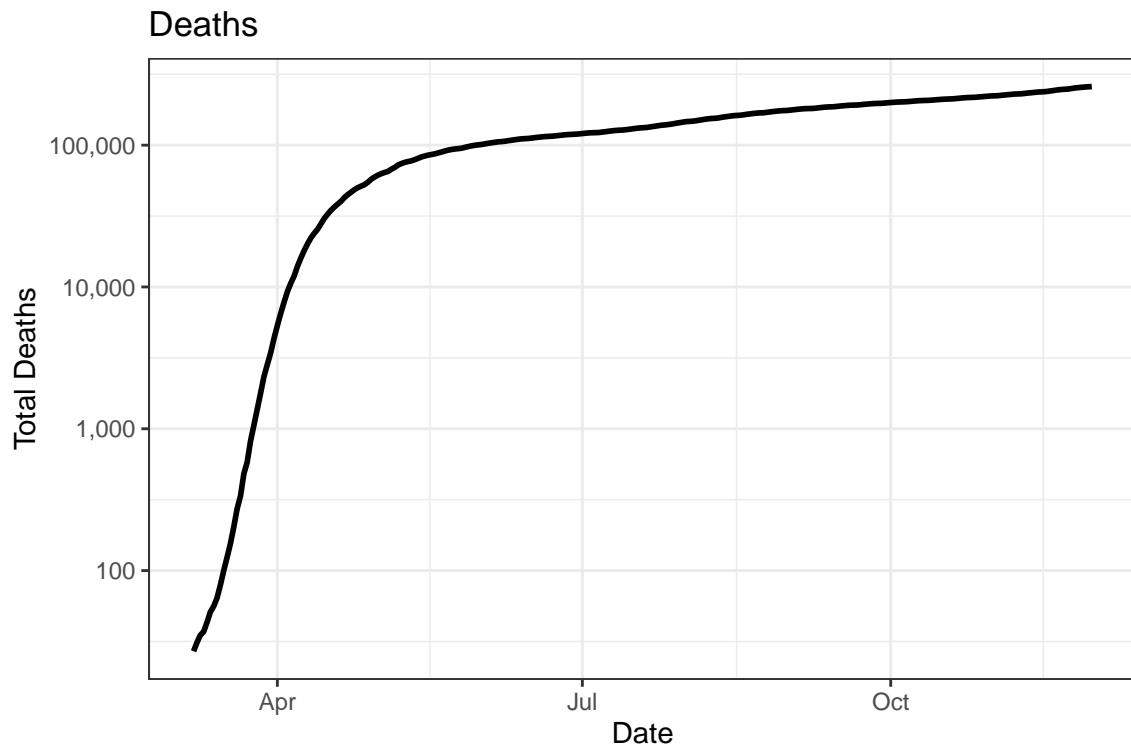
There have been 13,337,969 confirmed Covid-19 cases and 259,075 deaths in the United States.

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

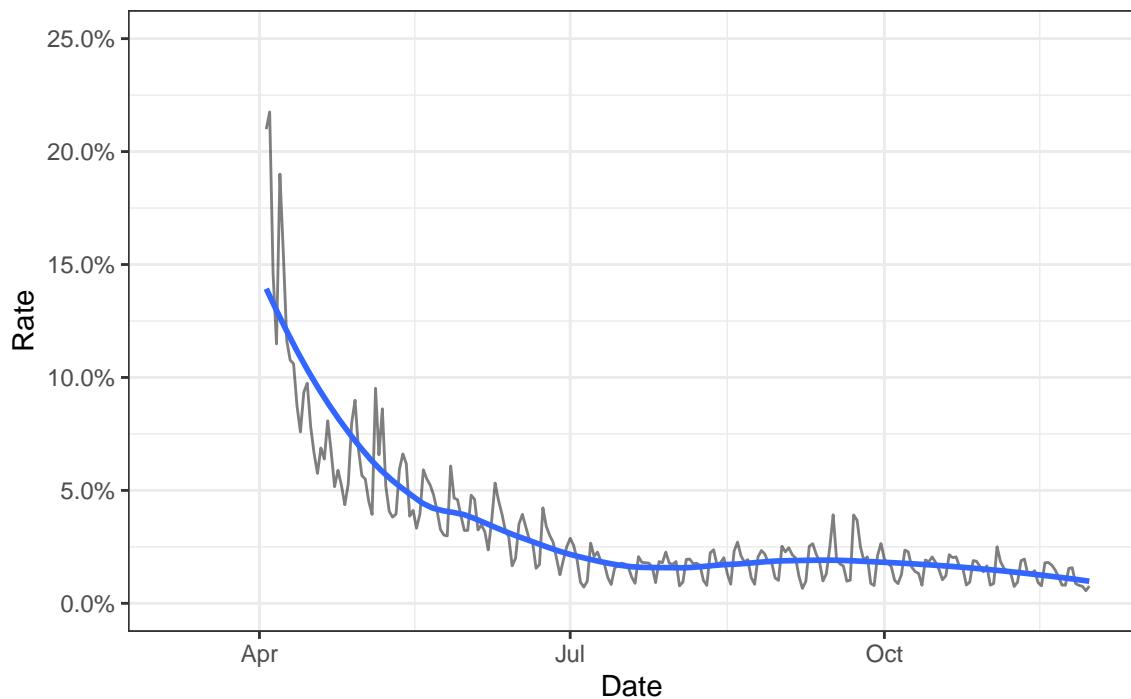
Date	Cases	Deaths	New Cases	New Deaths
2020-11-30	13,337,969	259,075	147,074	1,136
2020-11-29	13,190,895	257,939	135,239	803
2020-11-28	13,055,656	257,136	154,510	1,232
2020-11-27	12,901,146	255,904	193,805	1,367
2020-11-26	12,707,341	254,537	126,256	1,326
2020-11-25	12,581,085	253,211	183,601	2,285
2020-11-24	12,397,484	250,926	167,012	2,029
2020-11-23	12,230,472	248,897	150,975	956
2020-11-22	12,079,497	247,941	150,836	892
2020-11-21	11,928,661	247,049	179,714	1,512
2020-11-20	11,748,947	245,537	192,805	1,862
2020-11-19	11,556,142	243,675	182,832	1,971
2020-11-18	11,373,310	241,704	163,975	1,869
2020-11-17	11,209,335	239,835	156,722	1,555

Deaths

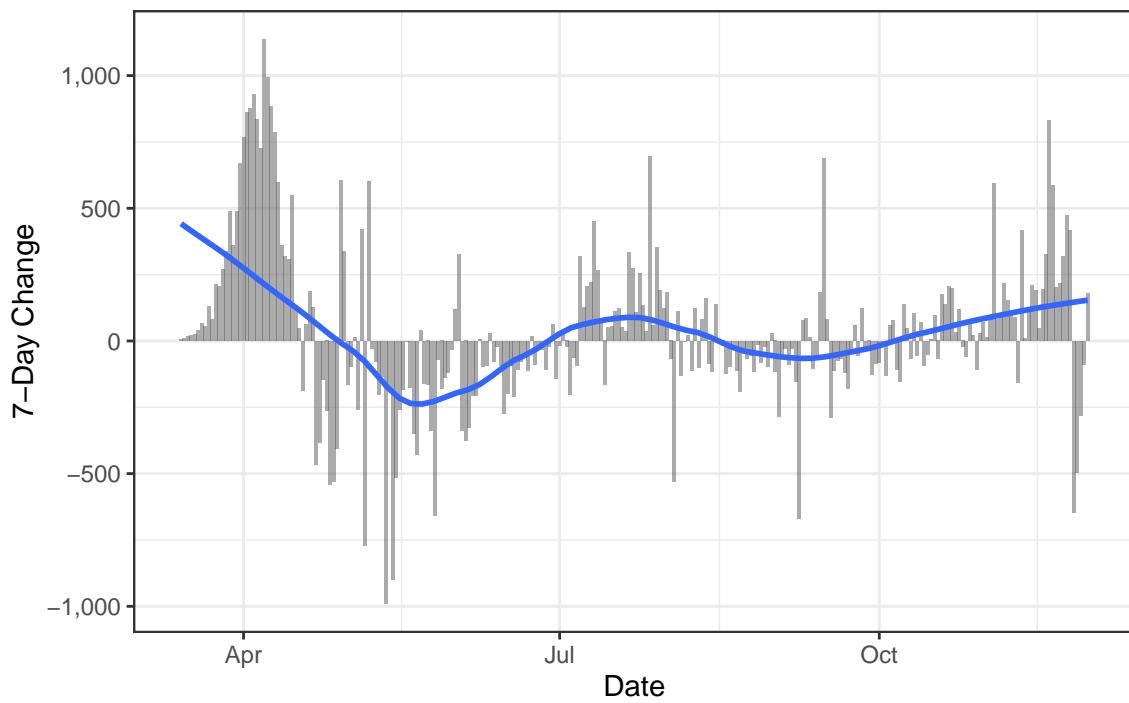
Because the effects of the virus can take several weeks to manifest in patients, deaths are a lagging indicator of contagion, but they may be a more reliable than case counts, which are a function of both the prevalence of the disease and the rate of testing. The case mortality rate is a very crude indicator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

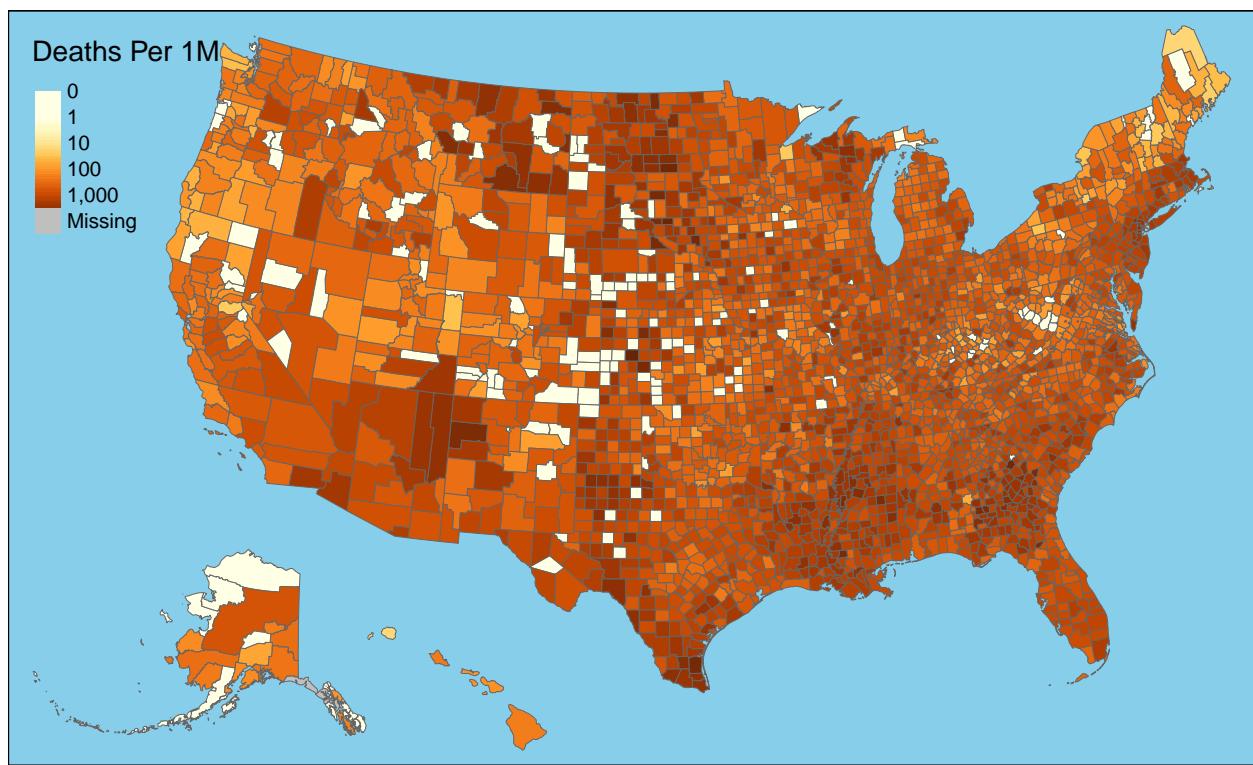


Daily Case Mortality Rate



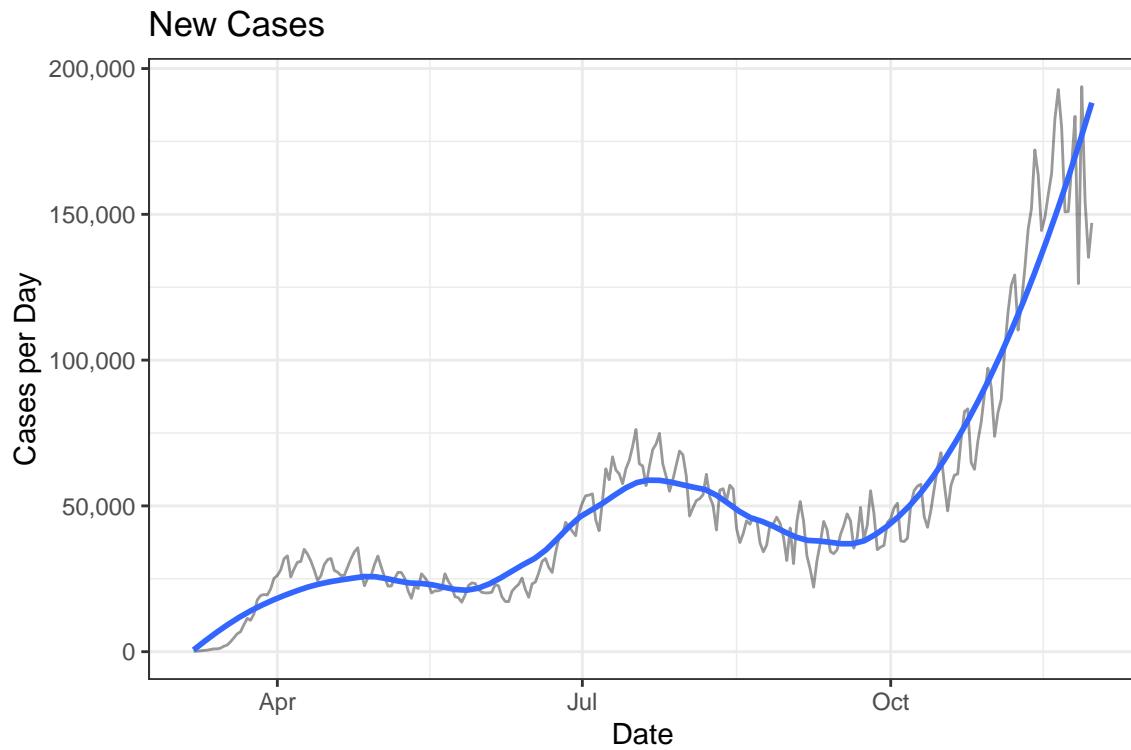
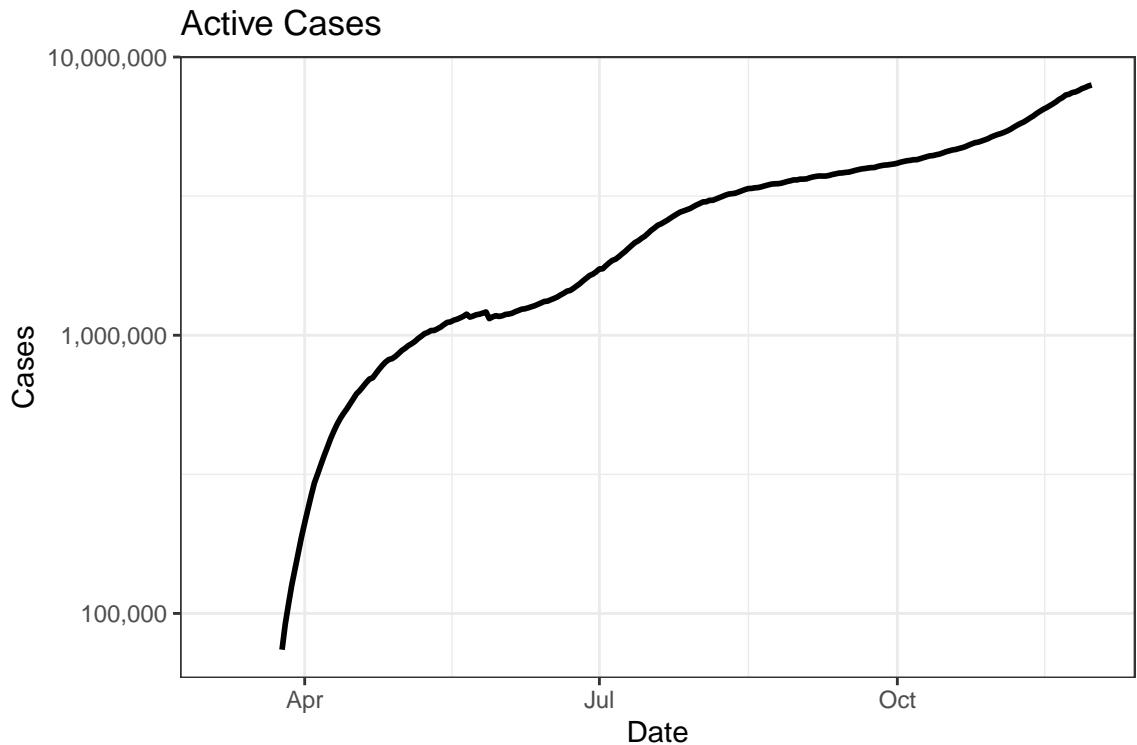
One-Week Change in Daily Deaths



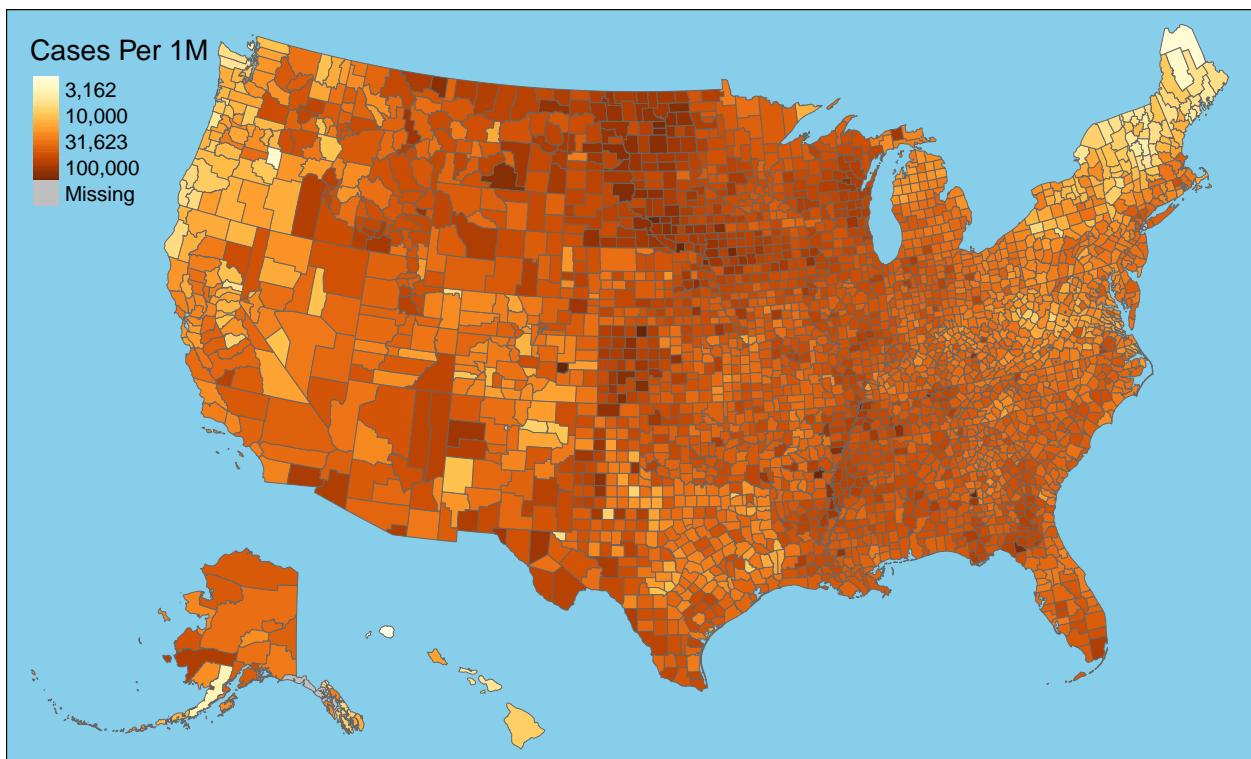
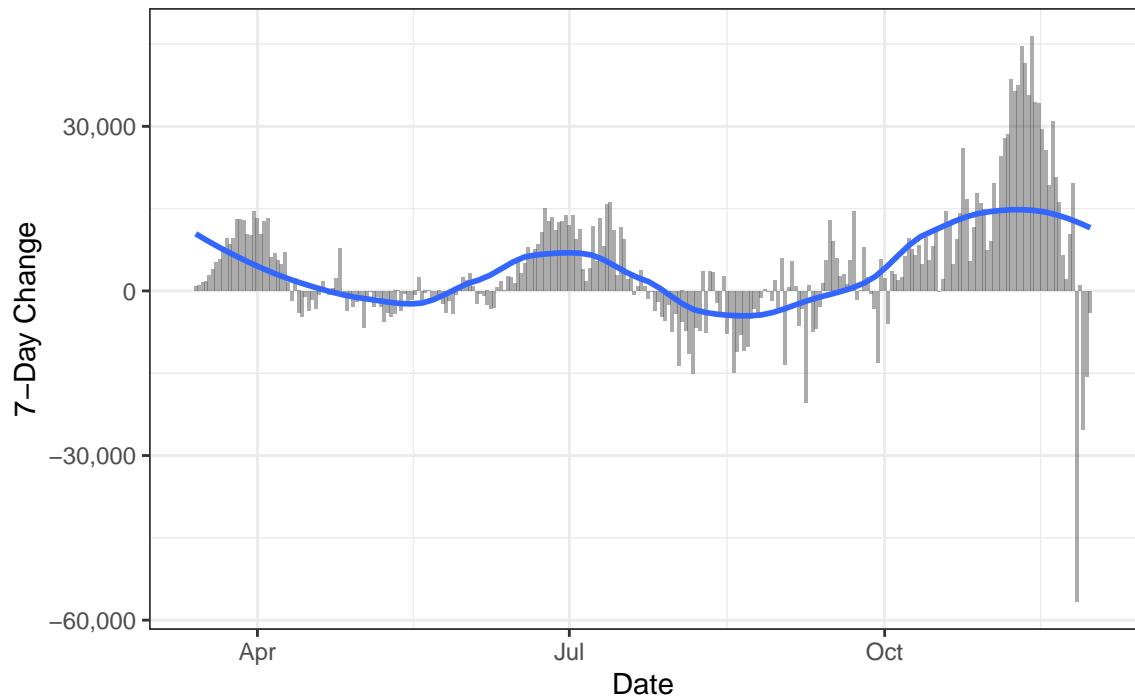


Cases

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

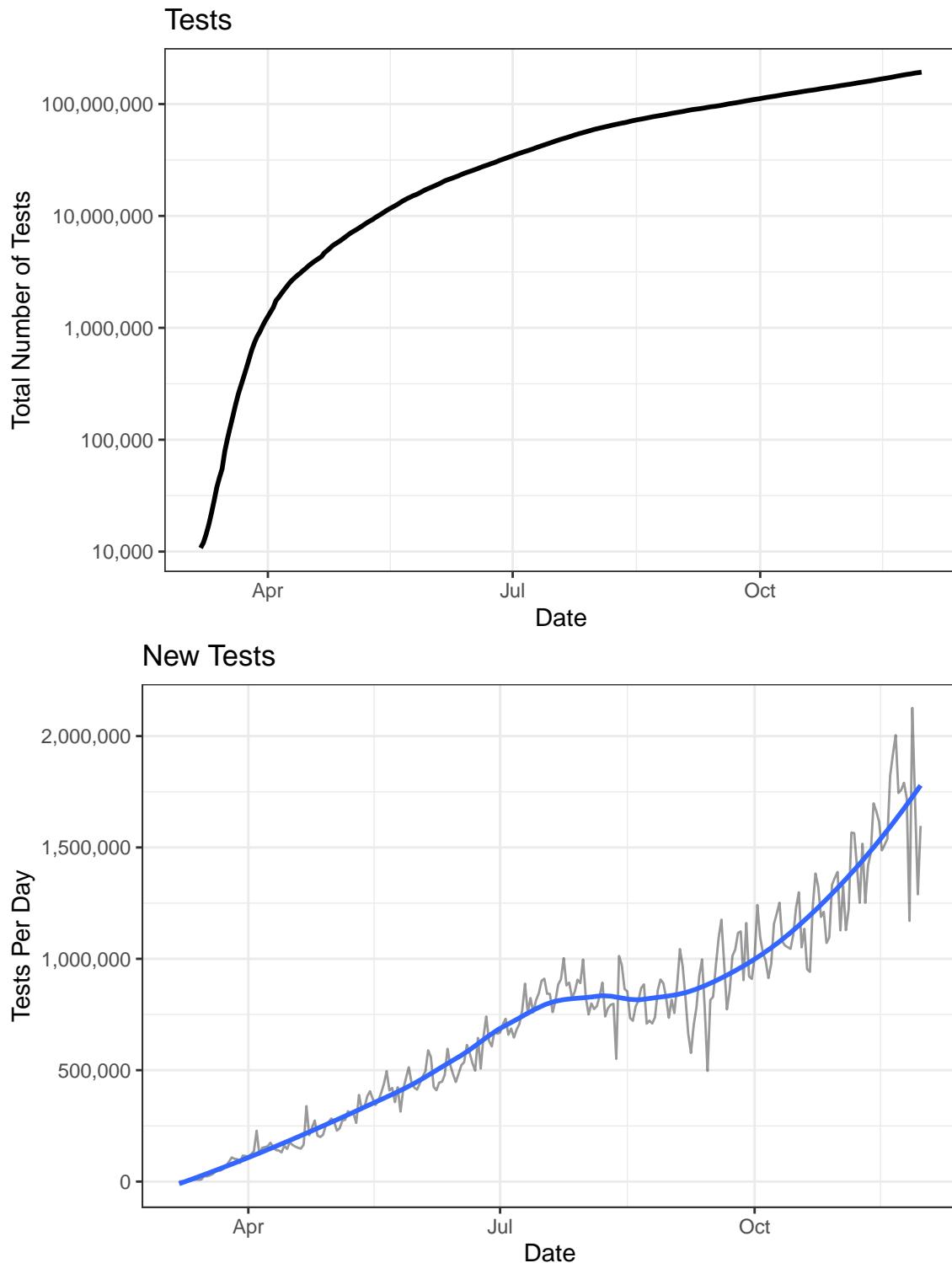


One-Week Change in Daily Cases

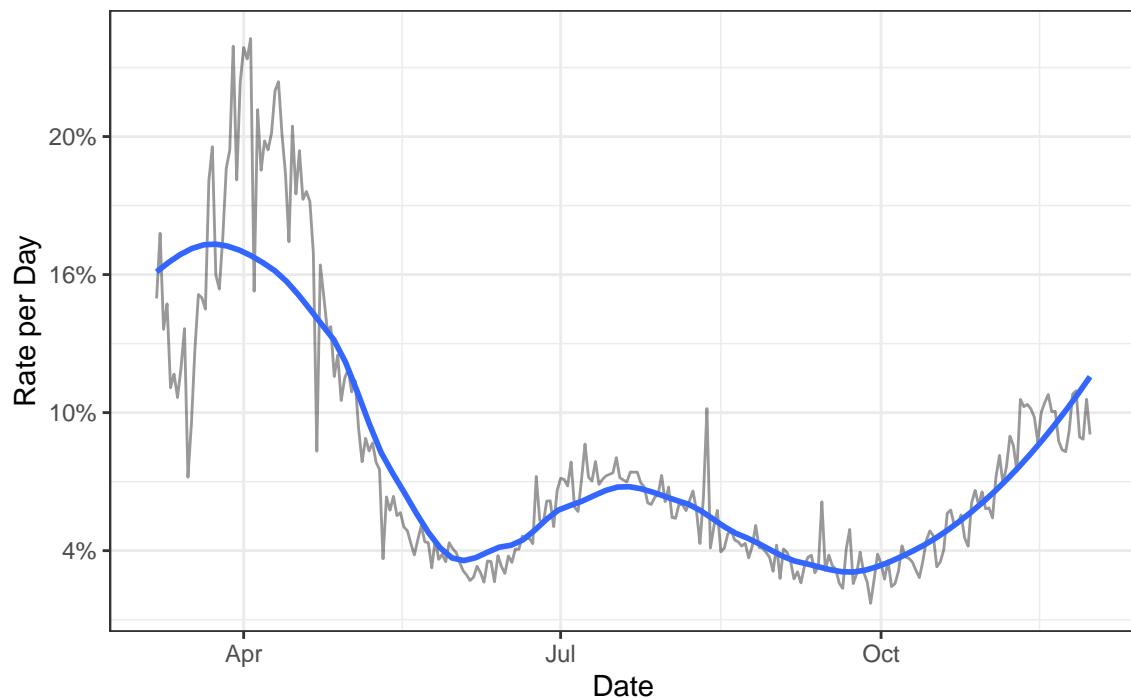


Testing

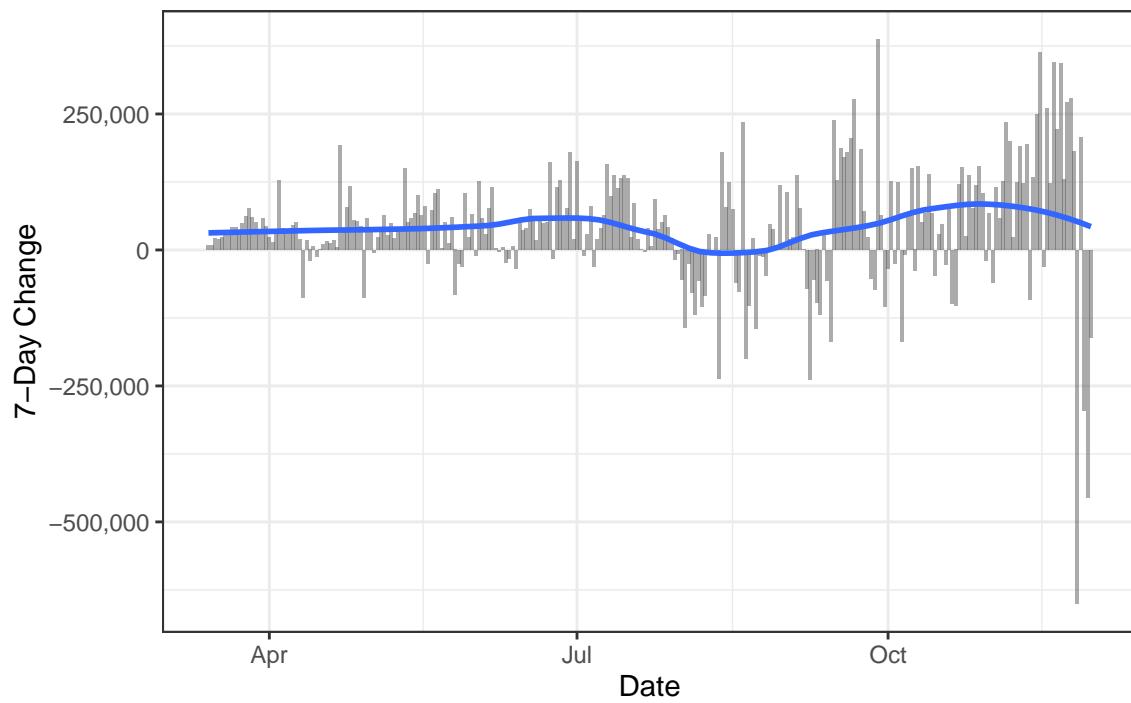
Widespread testing is necessary for managing the spread of the disease. The following charts show how testing in the United States has changed over time. When the supply of available tests is limited, they are typically only used for patients whose symptoms suggest they are likely to have contracted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



Positive Test Rate



One-Week Change in Daily Tests

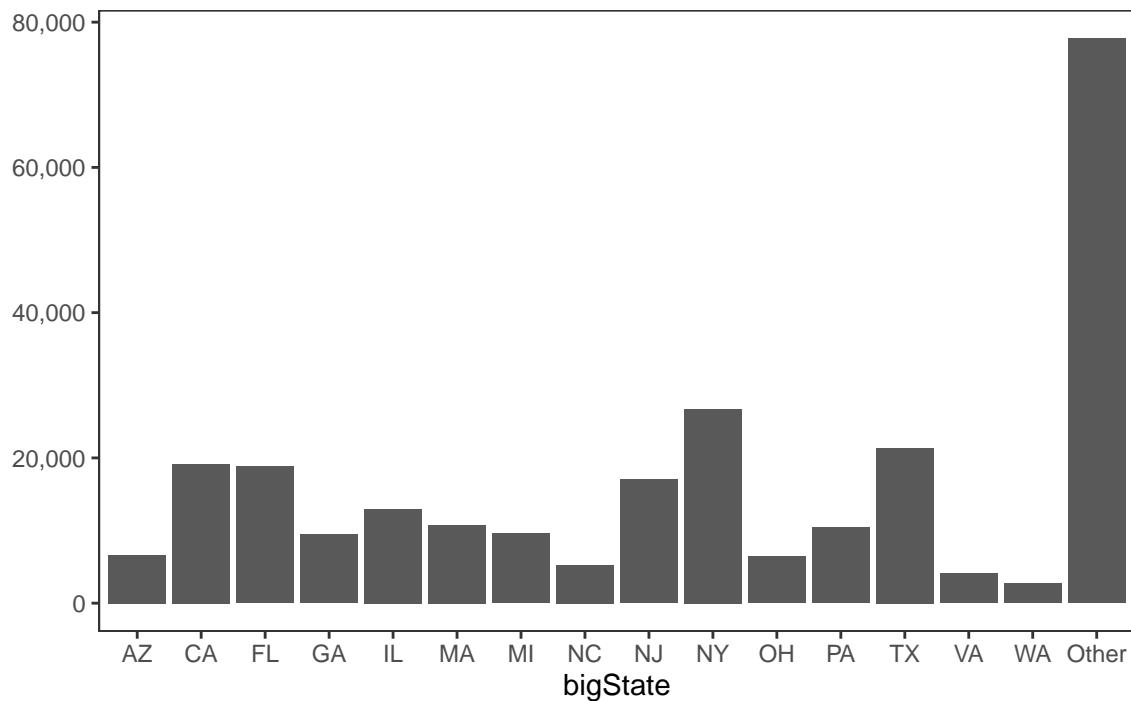


State Data

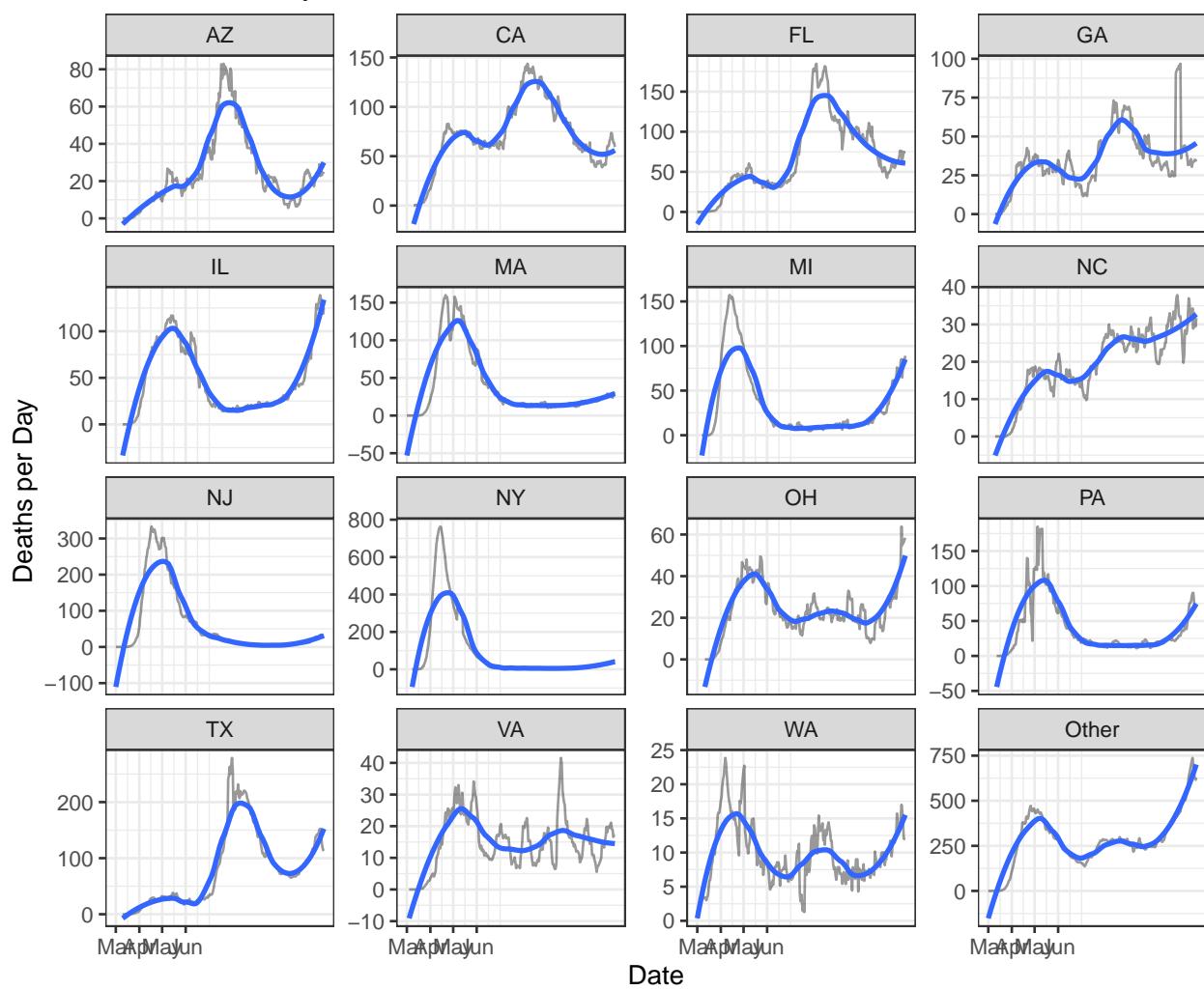
This section summarizes state-level data. Most data are reported for the largest 15 states by population, which account for NaN percent of the total U.S. population.

Deaths

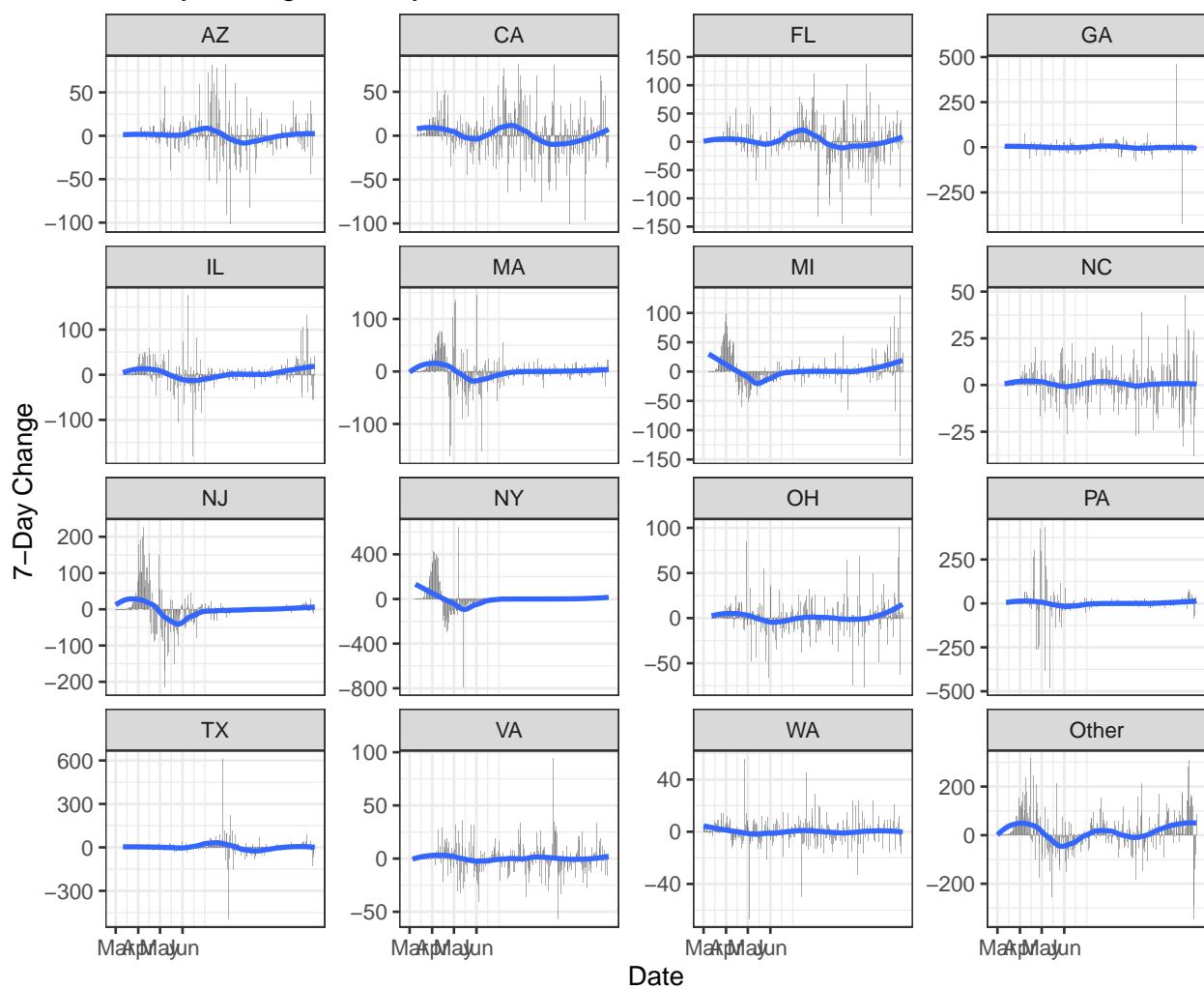
Deaths by State

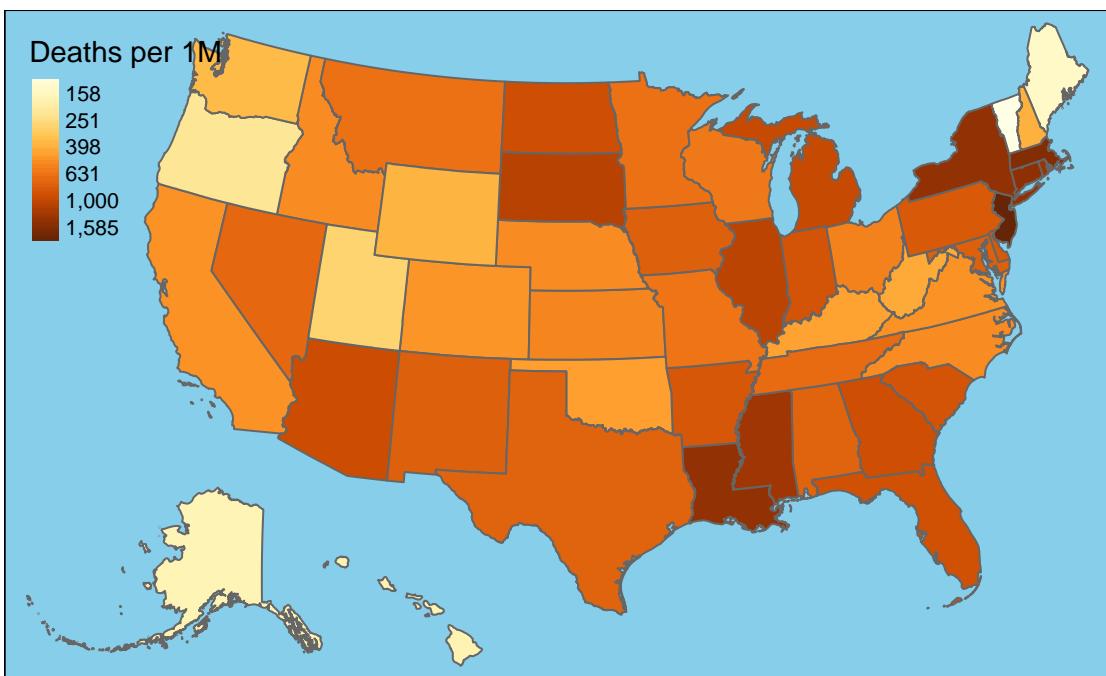
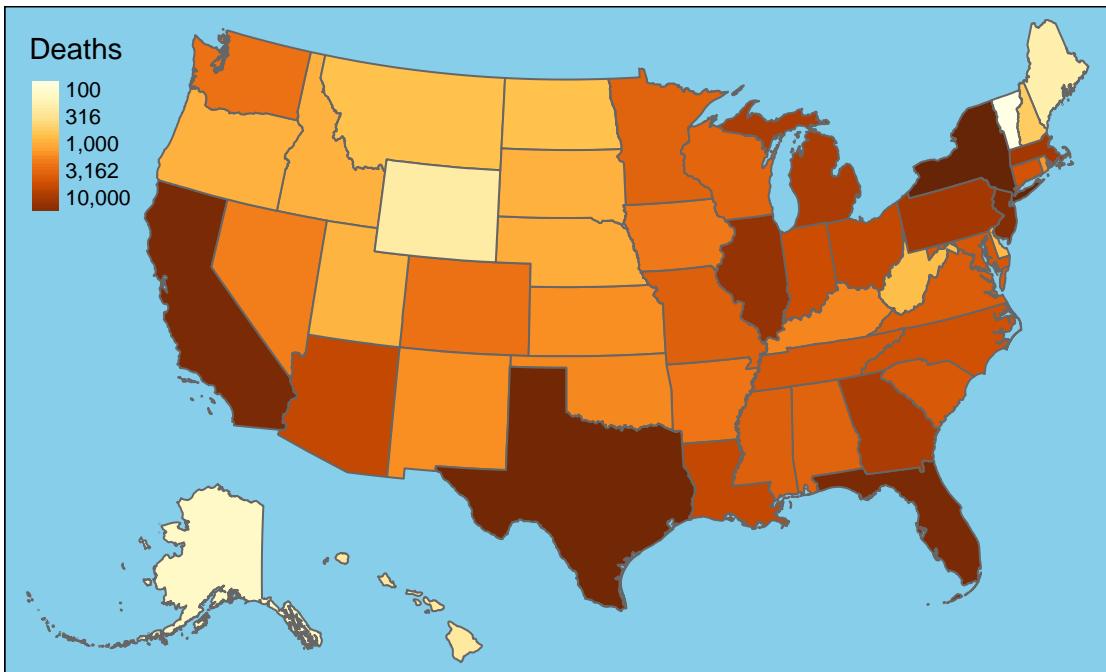


New Deaths by State



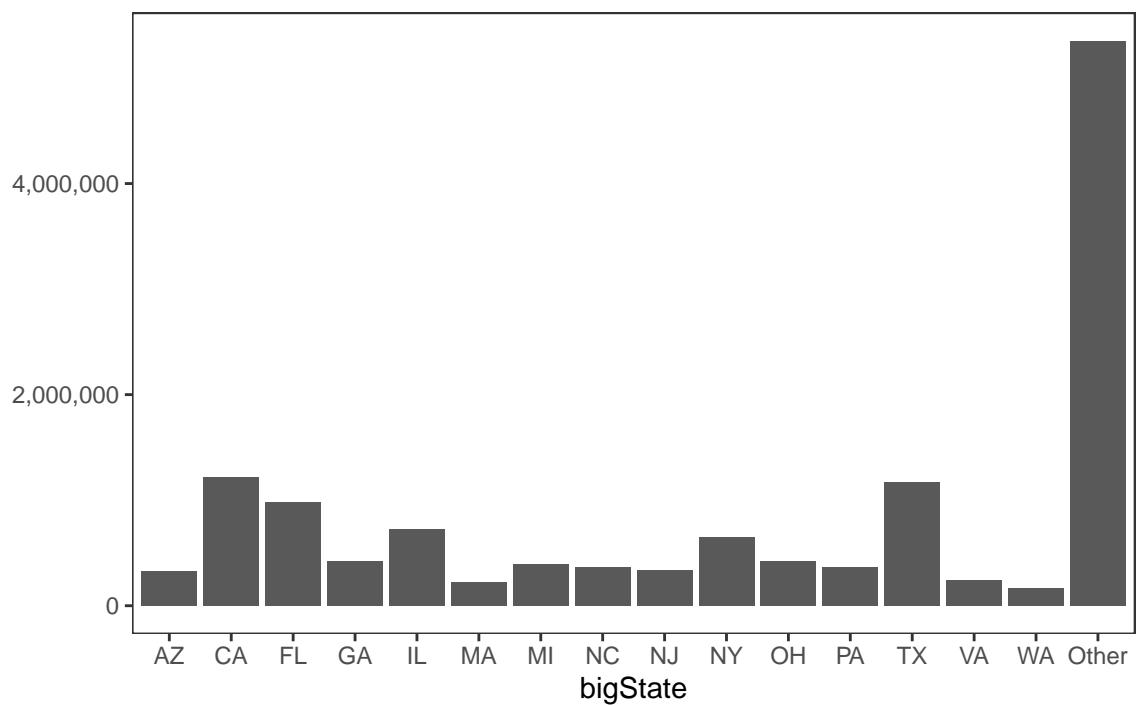
7-Day Change in Daily Deaths



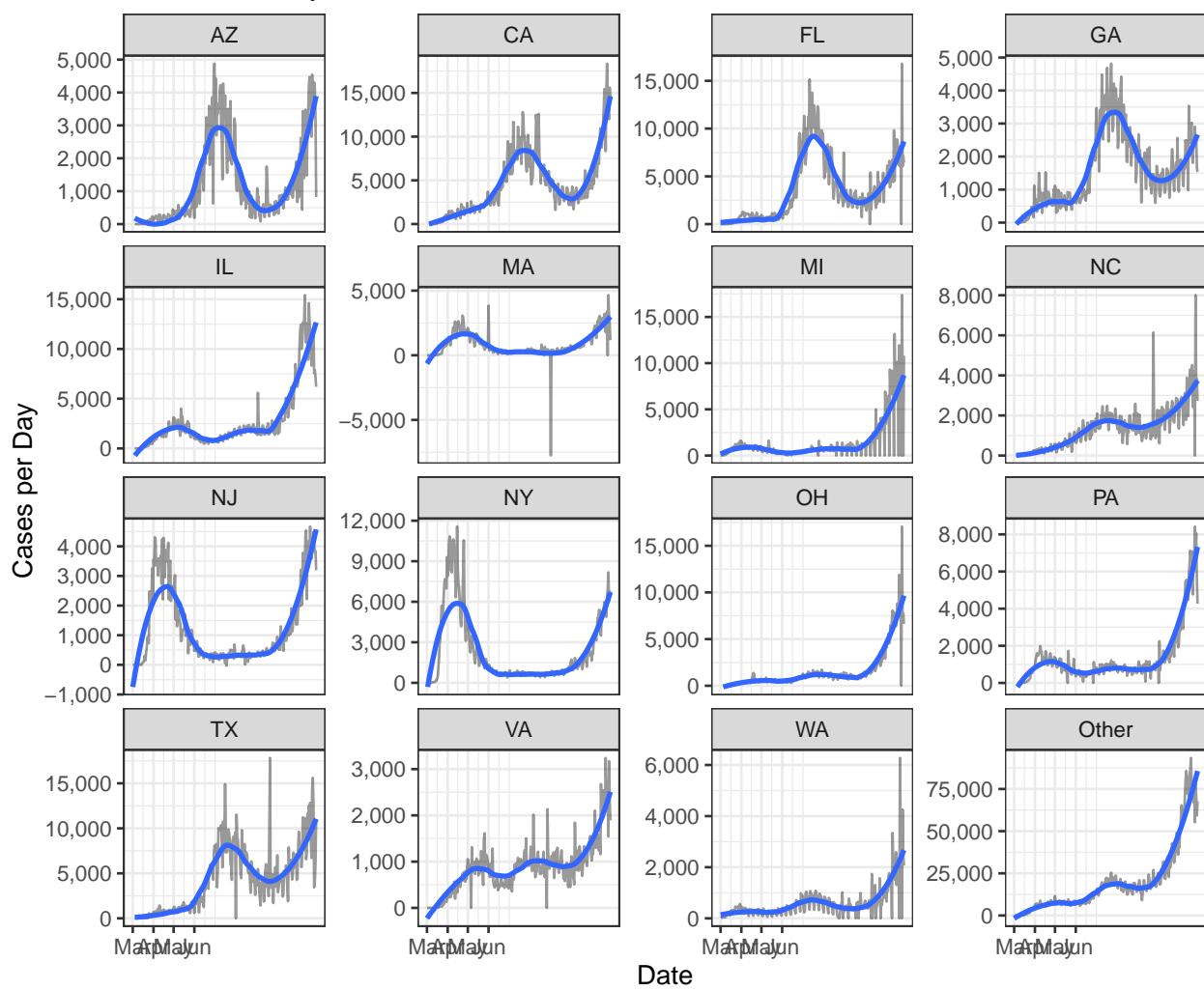


Cases

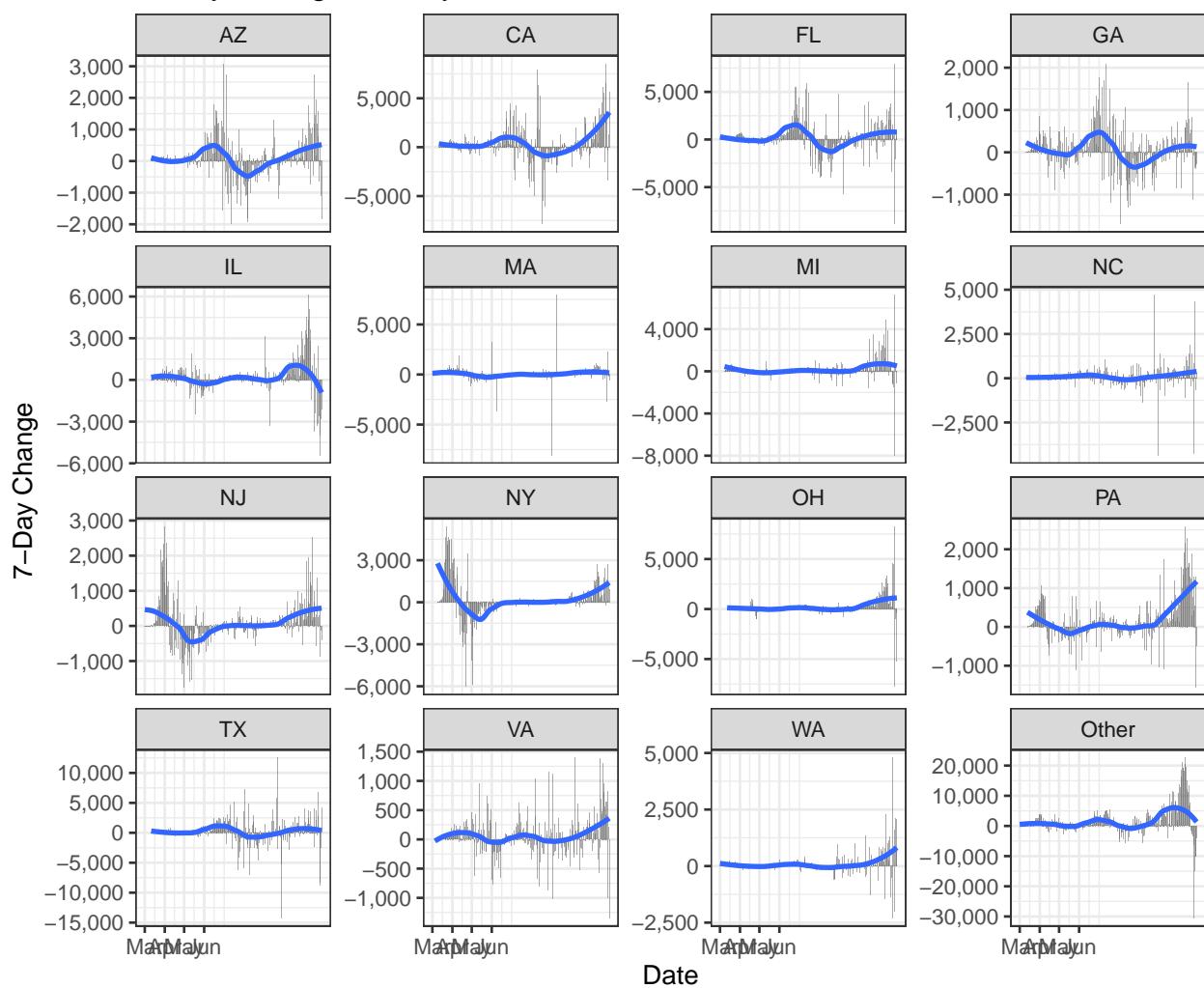
Cases by State

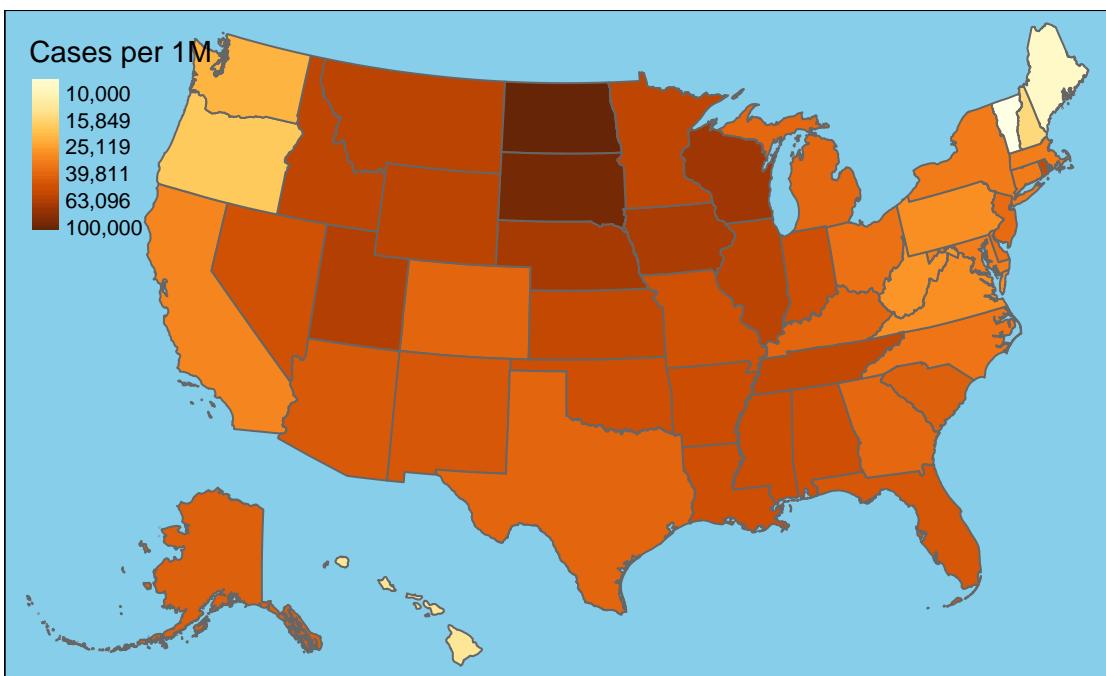
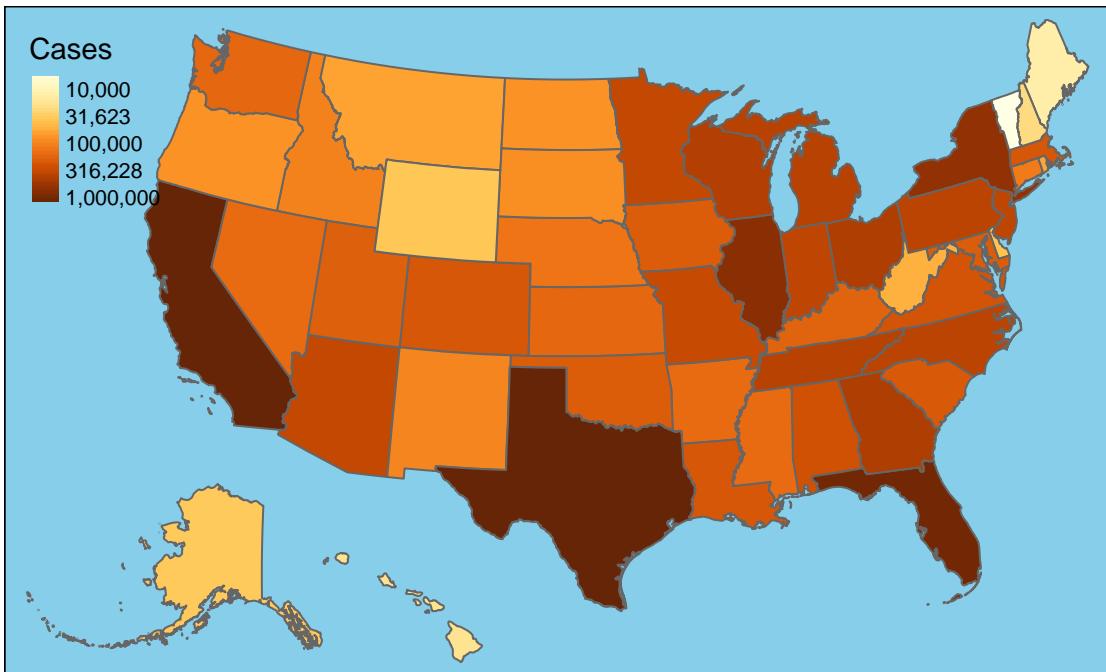


New Cases by State

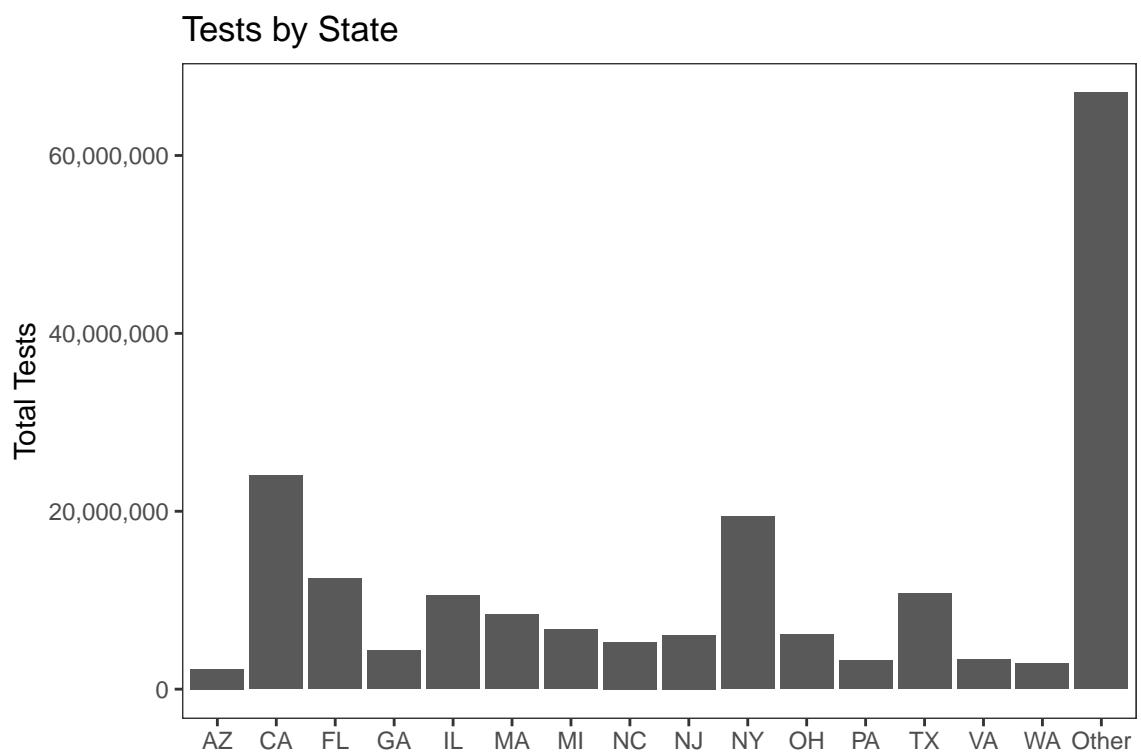


7-Day Change in Daily Cases

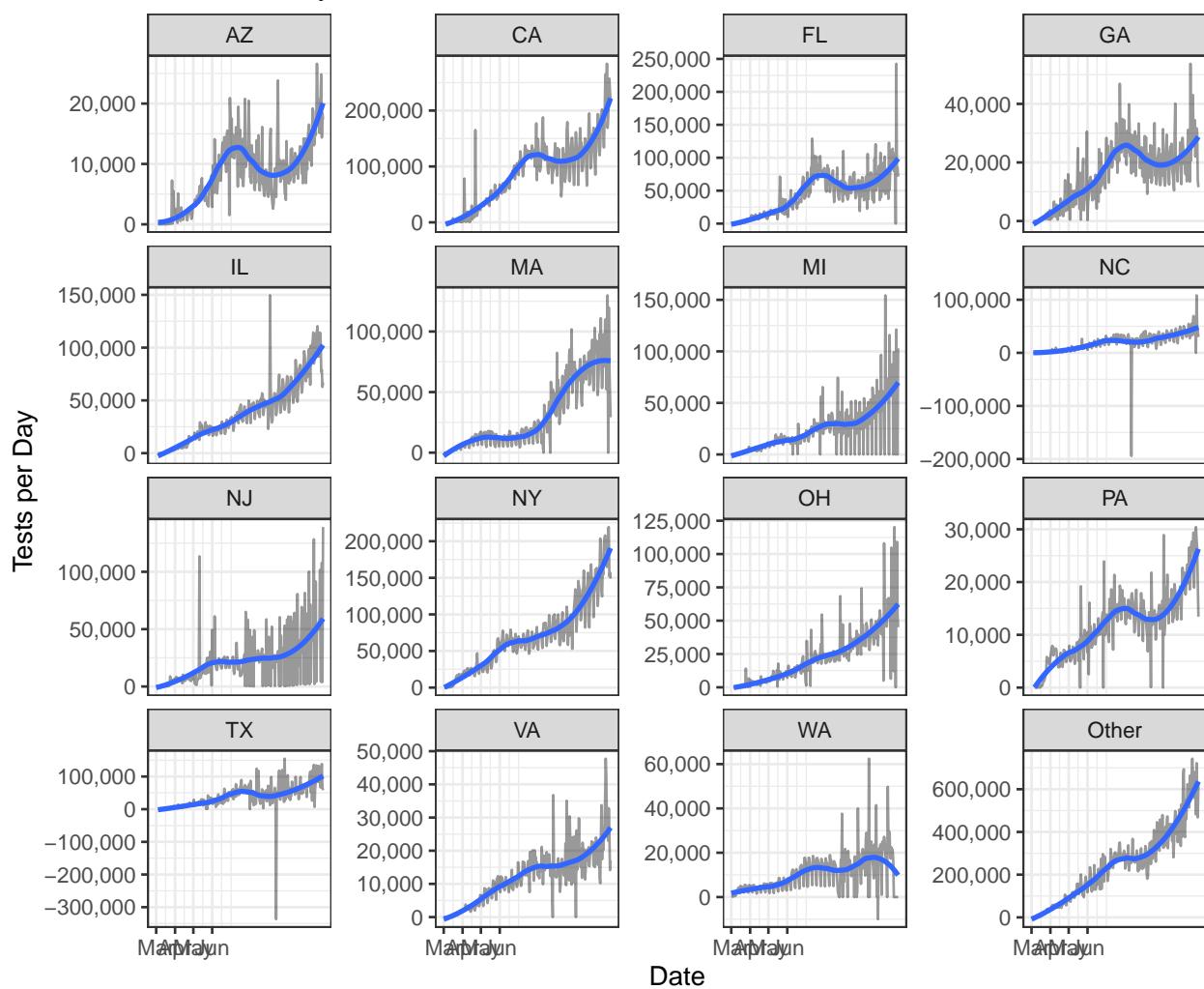


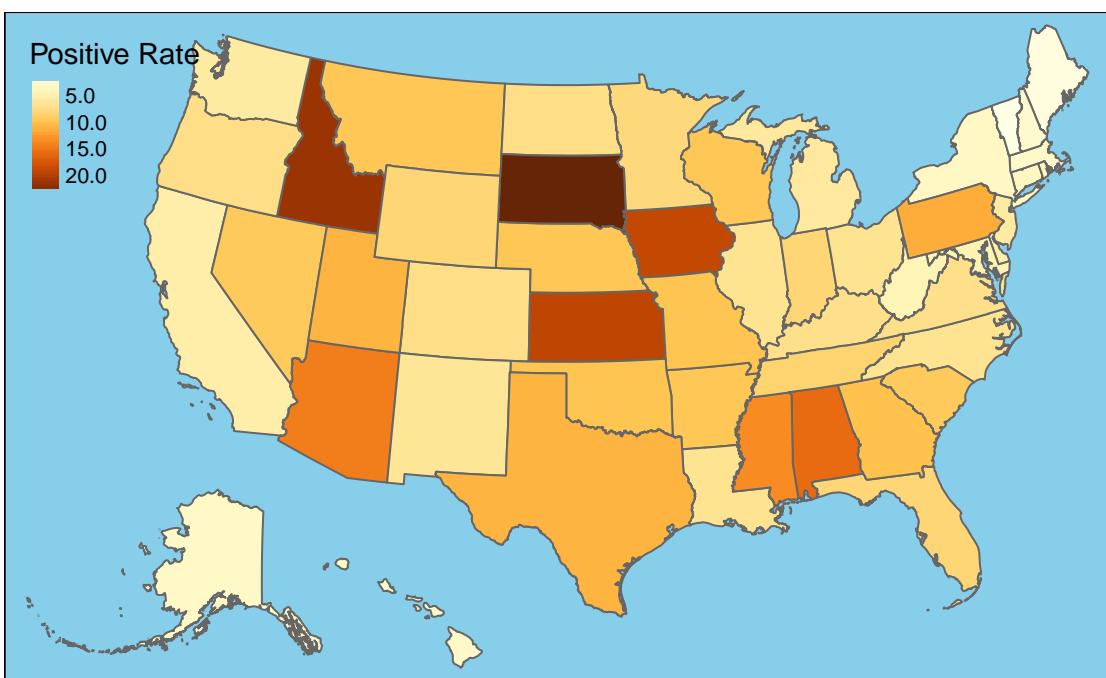
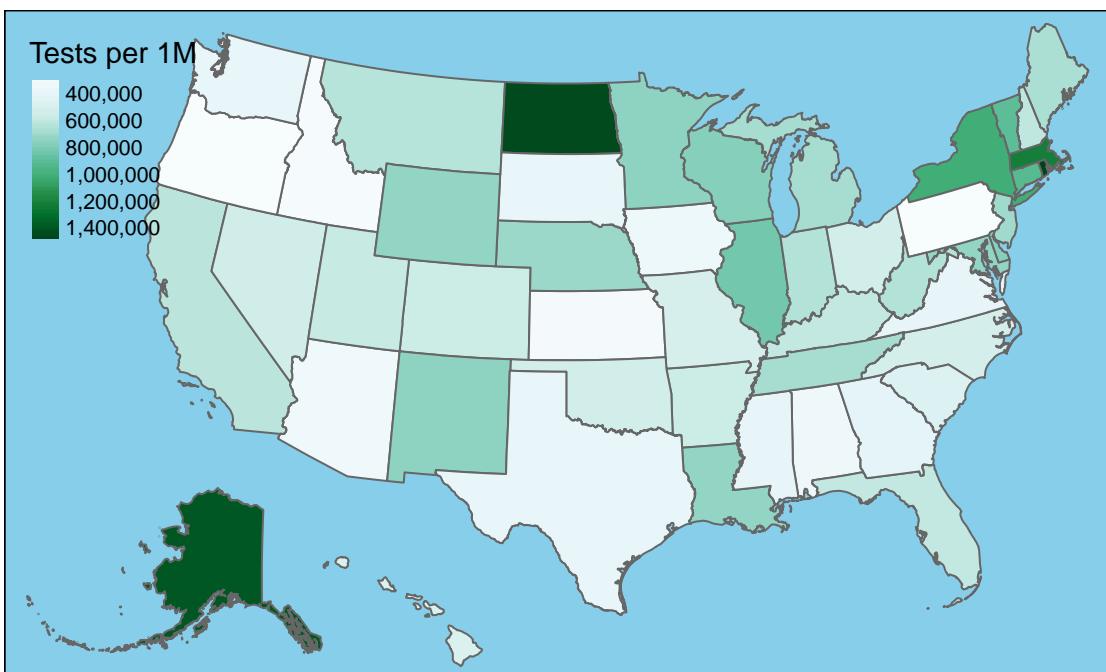


Testing

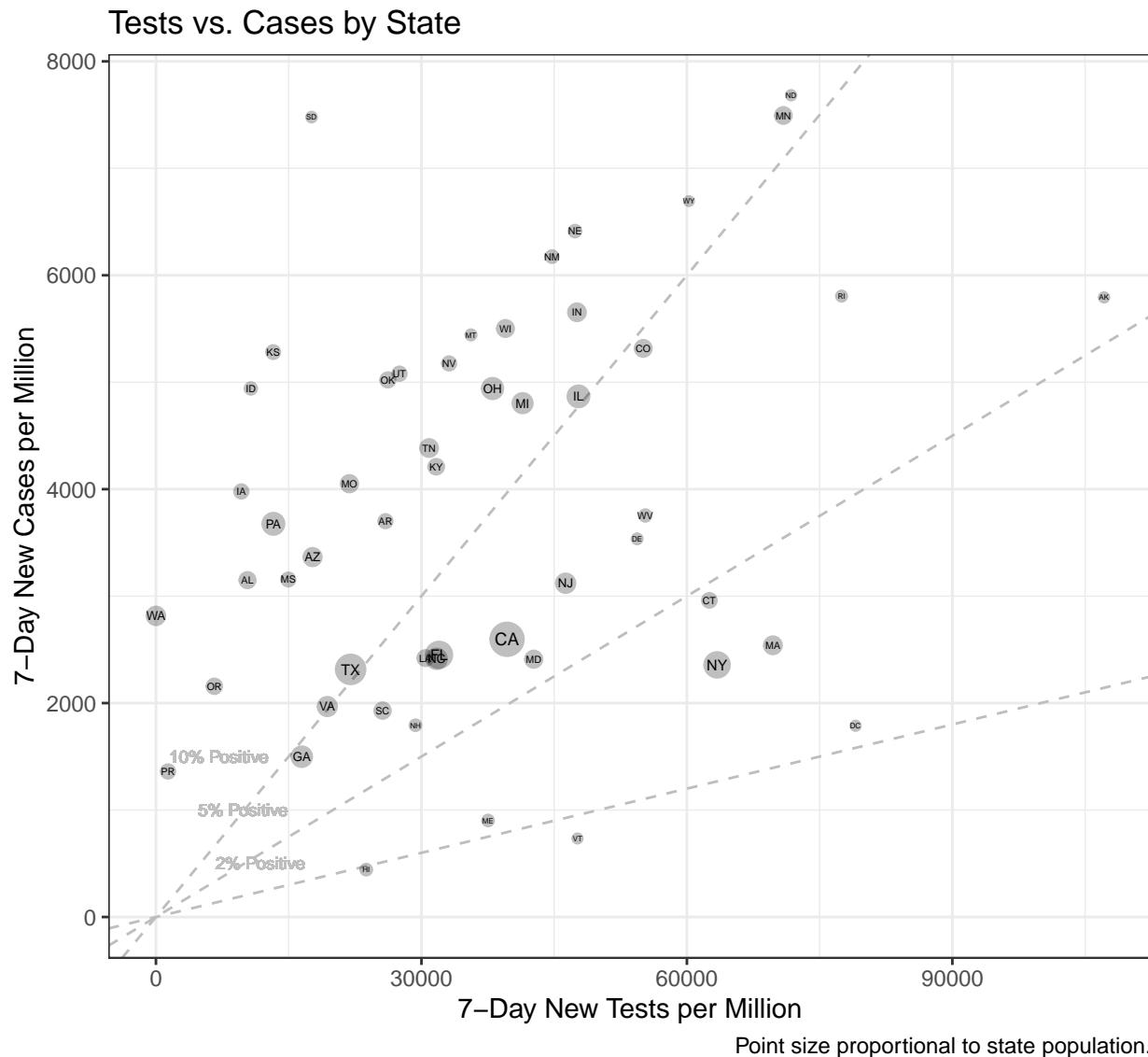


New Tests by State





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.



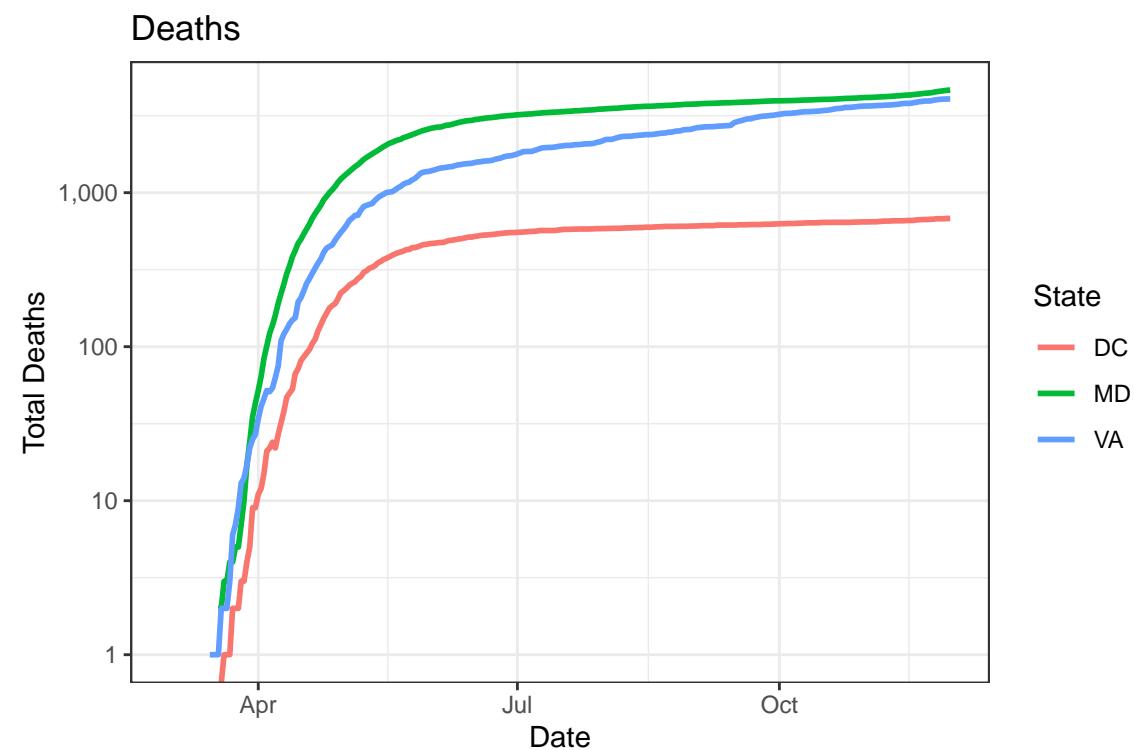
Local Data

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

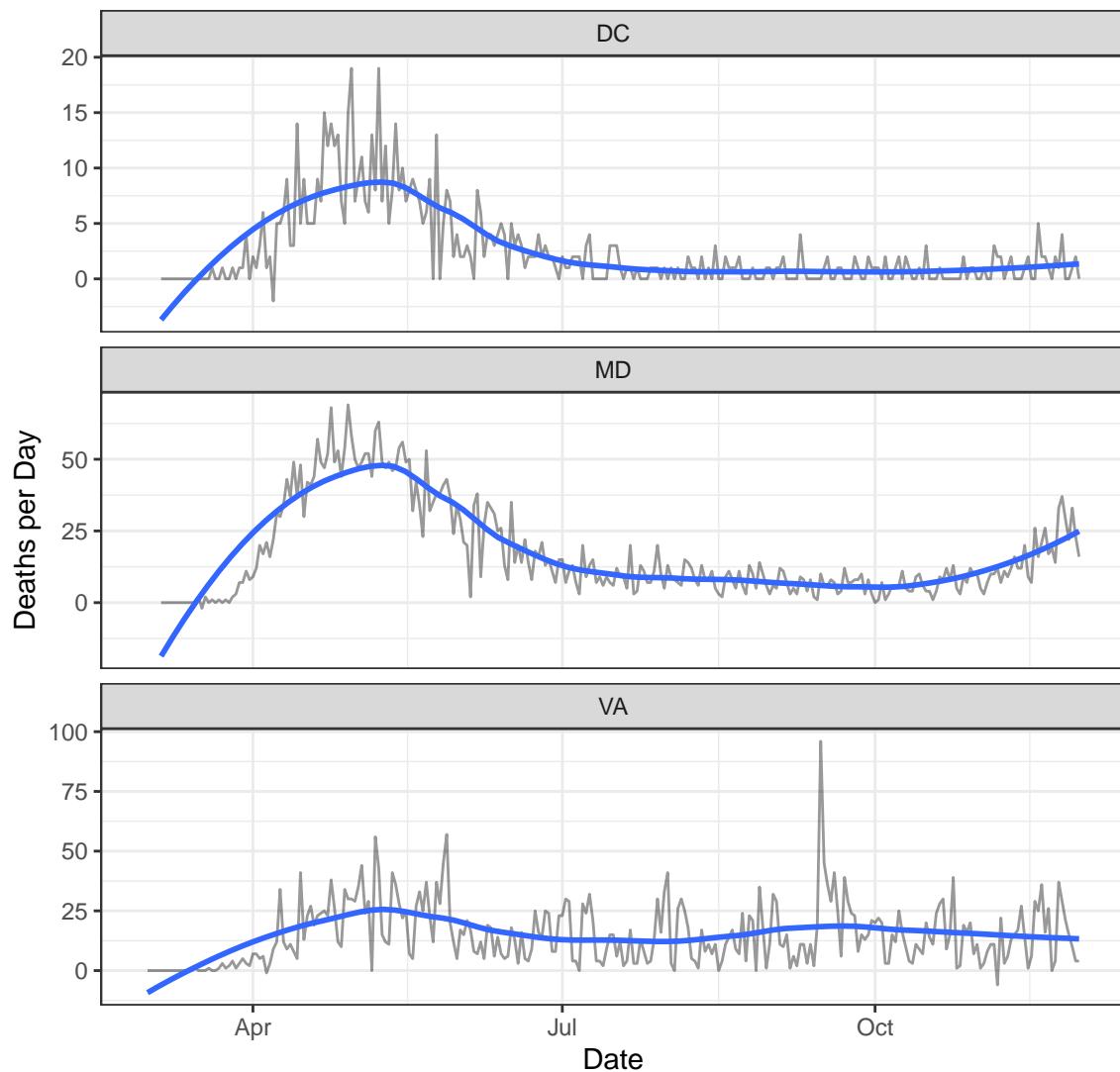
Table 3: Latest Local Data

State	Cases	Deaths	New Cases	New Deaths
DC	21,552	680	104	0
MD	198,370	4,641	1,923	16
VA	237,835	4,062	1,893	4

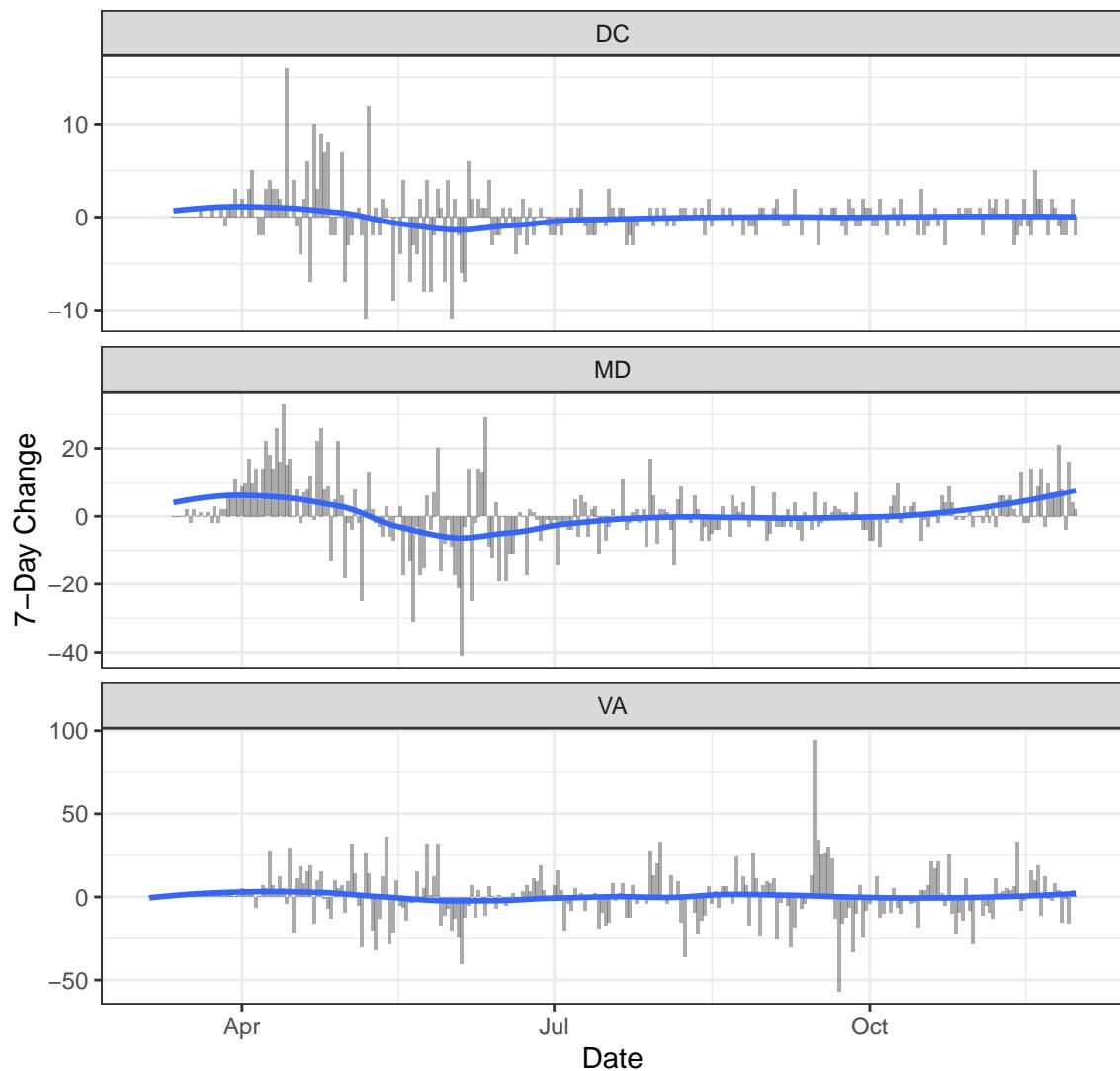
Deaths

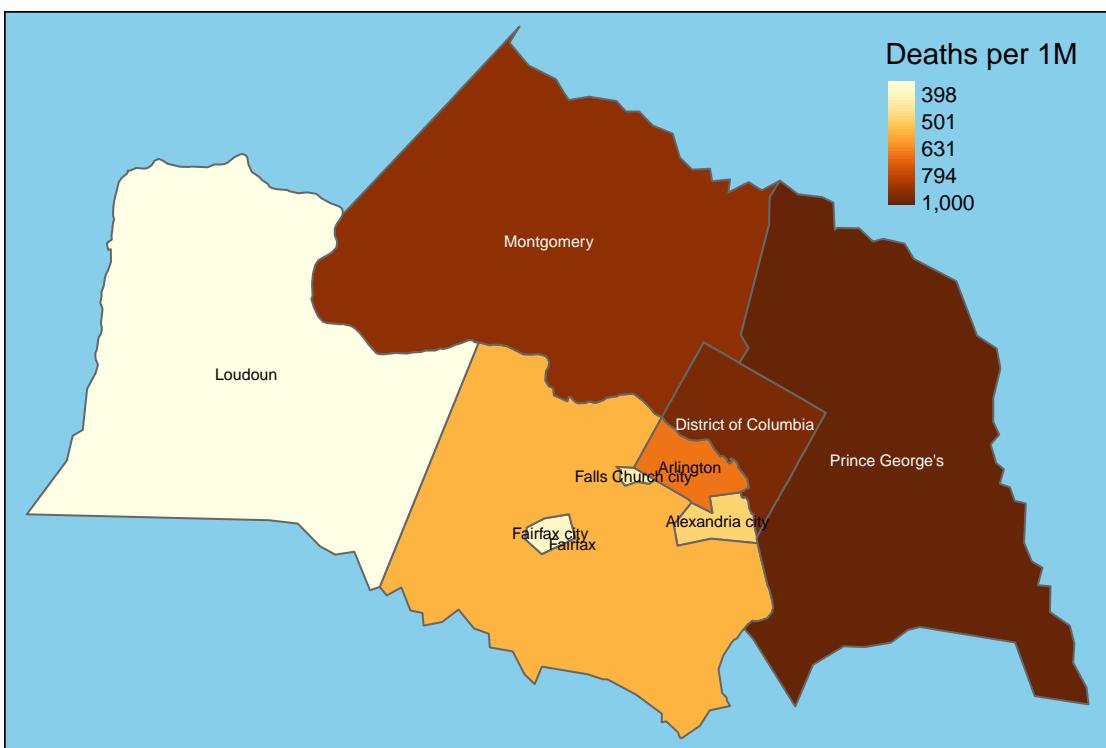
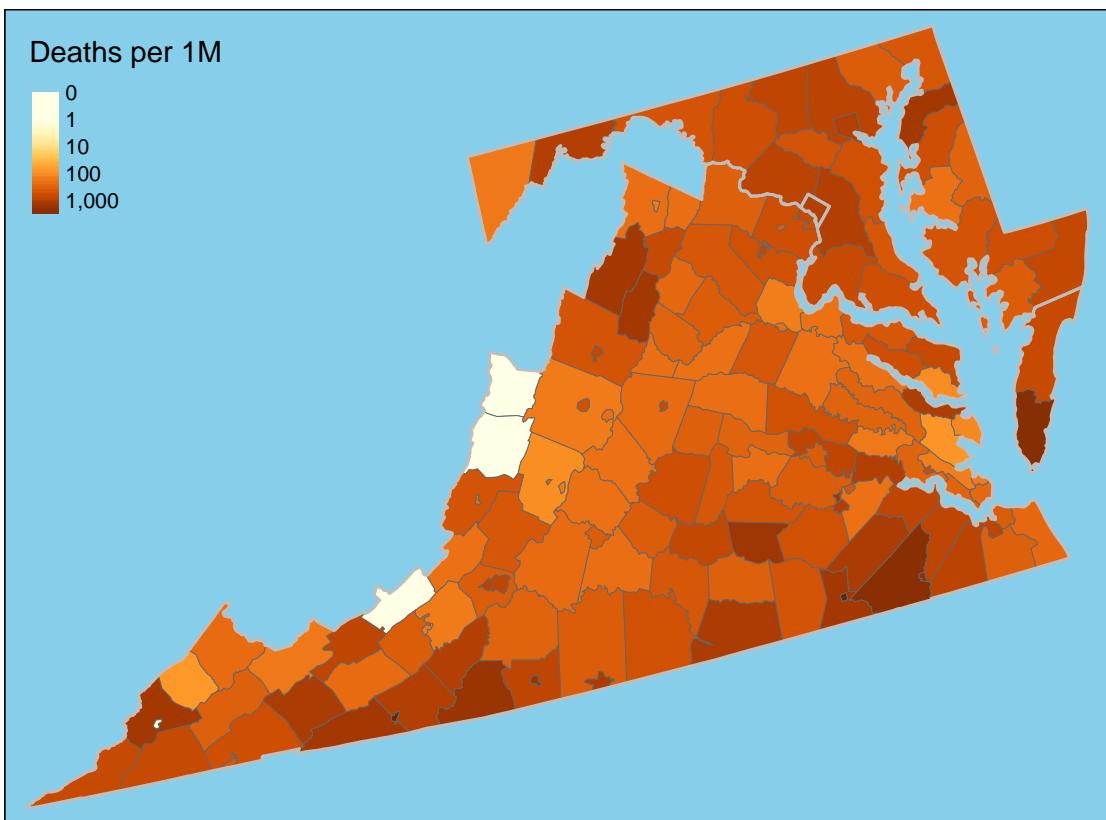


New Deaths

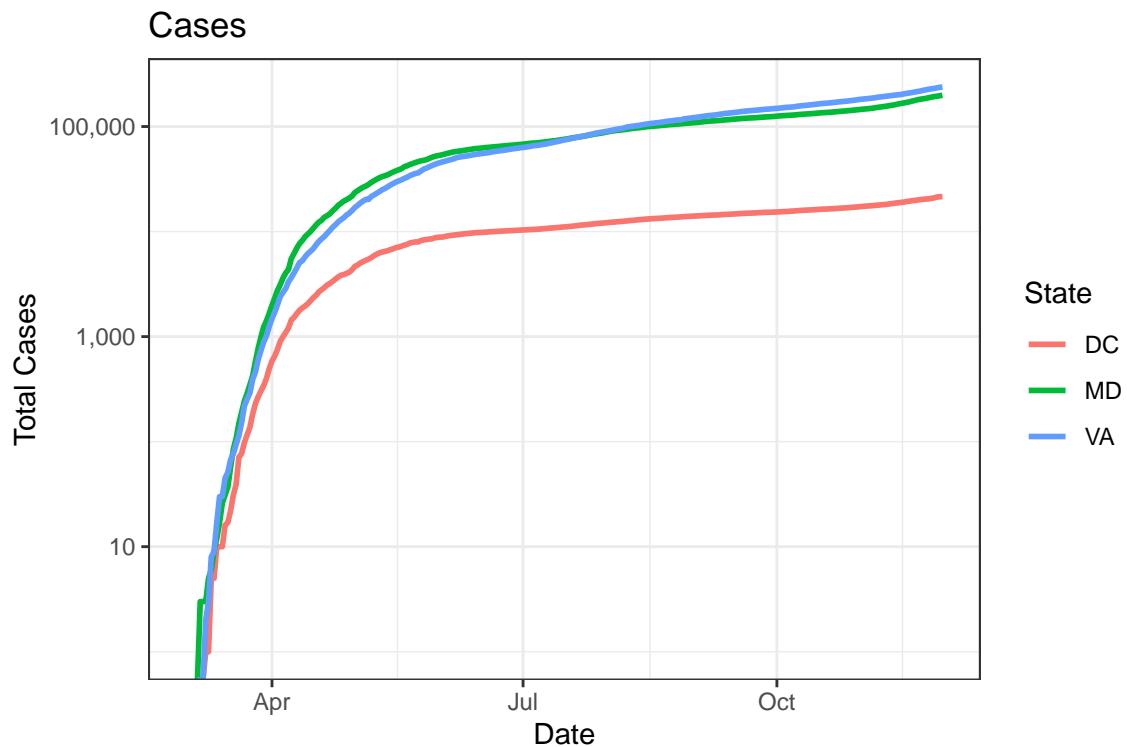


One-Week Change in Daily Deaths

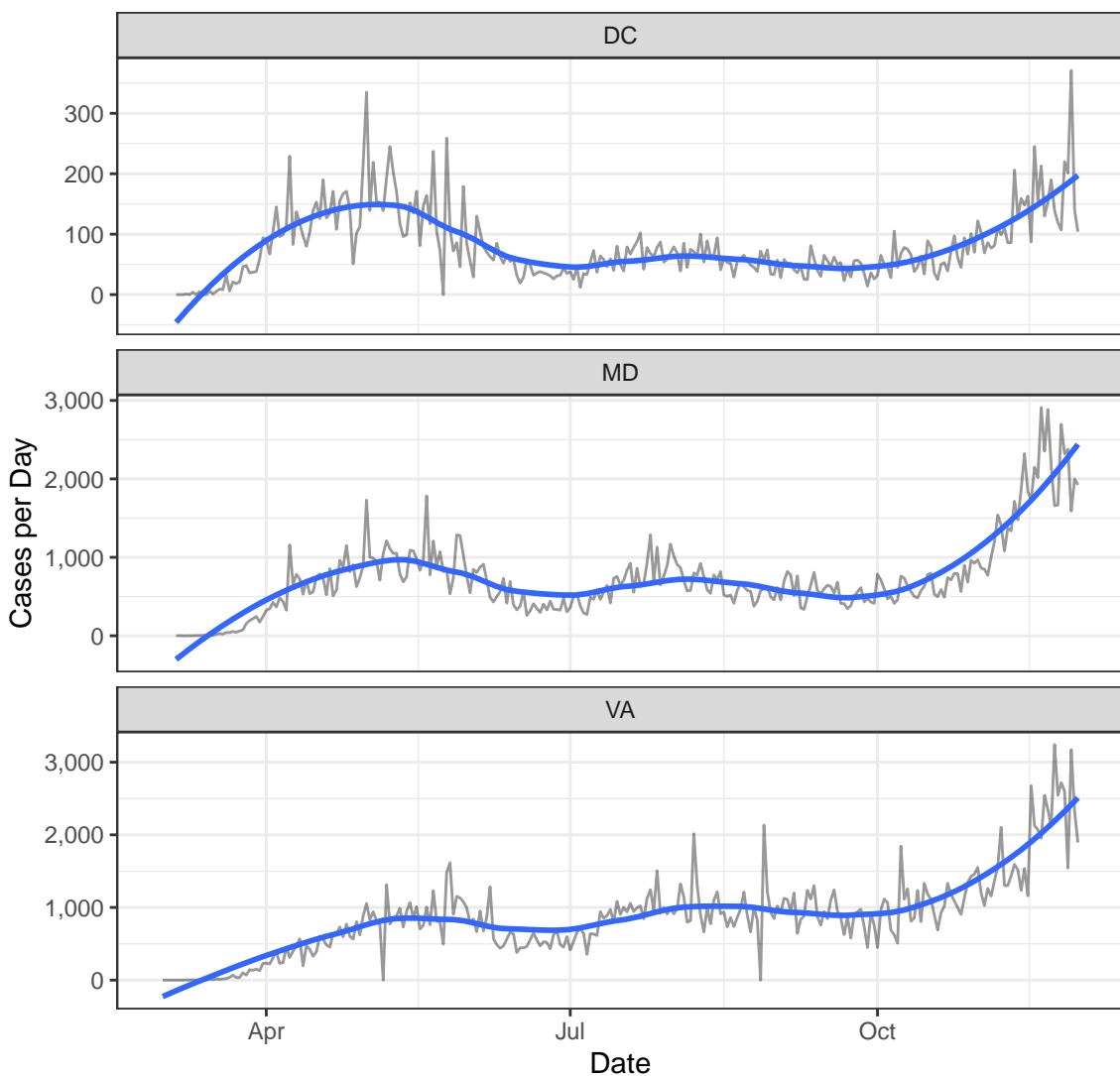




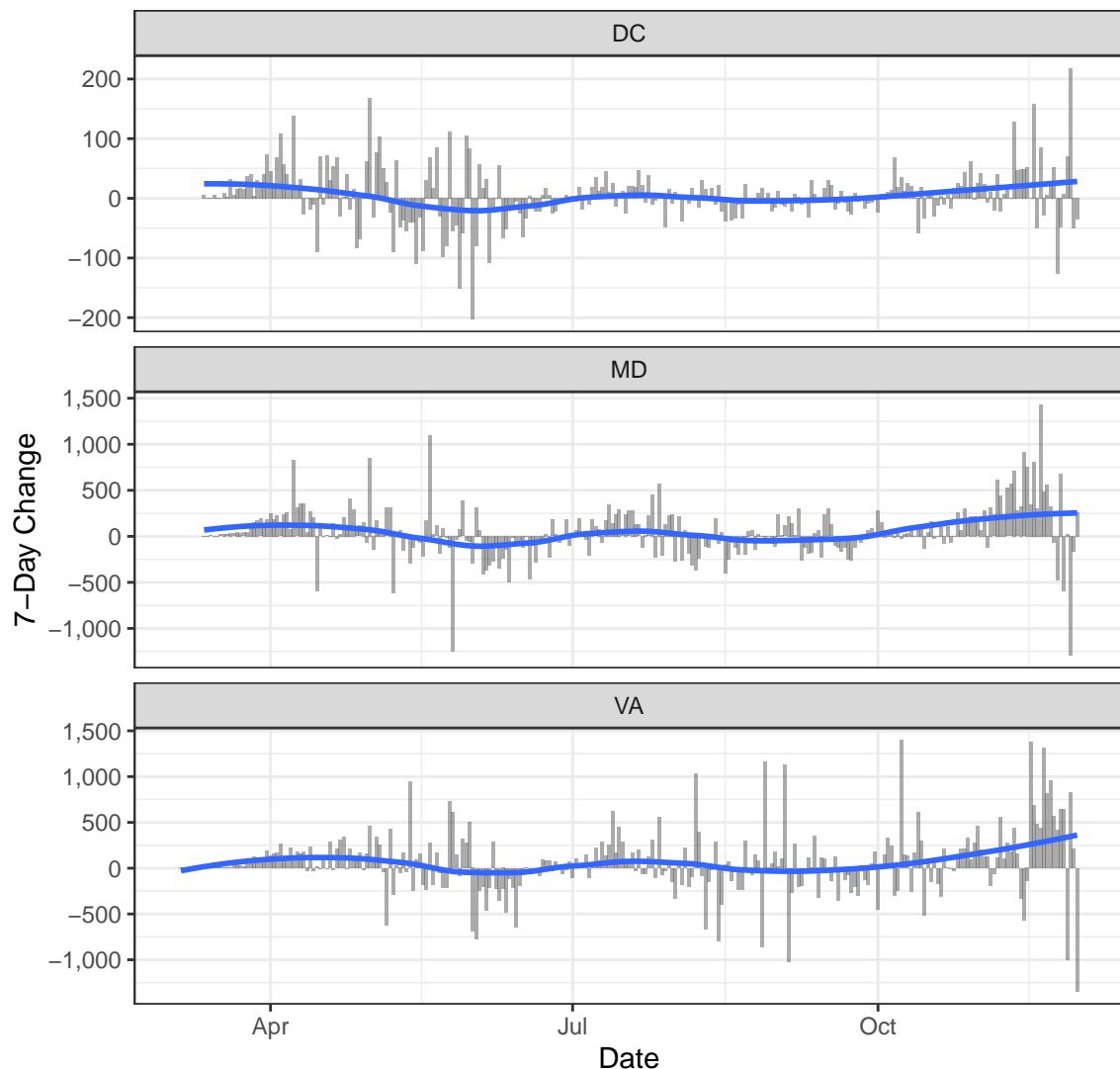
Cases

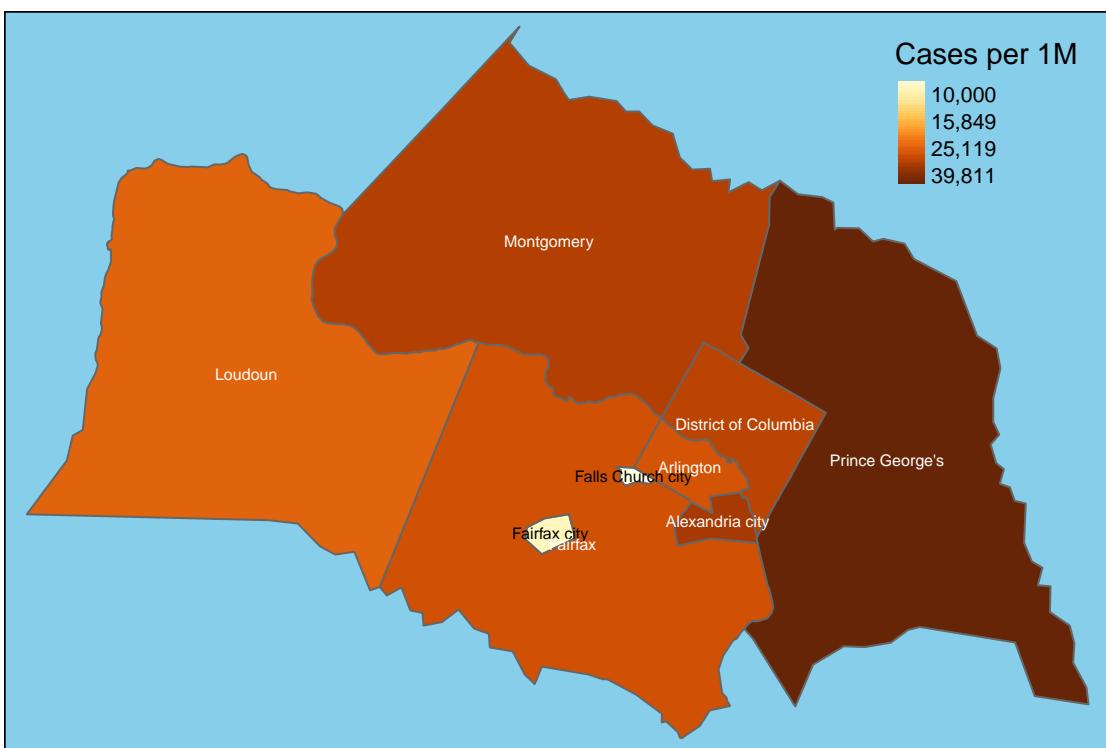
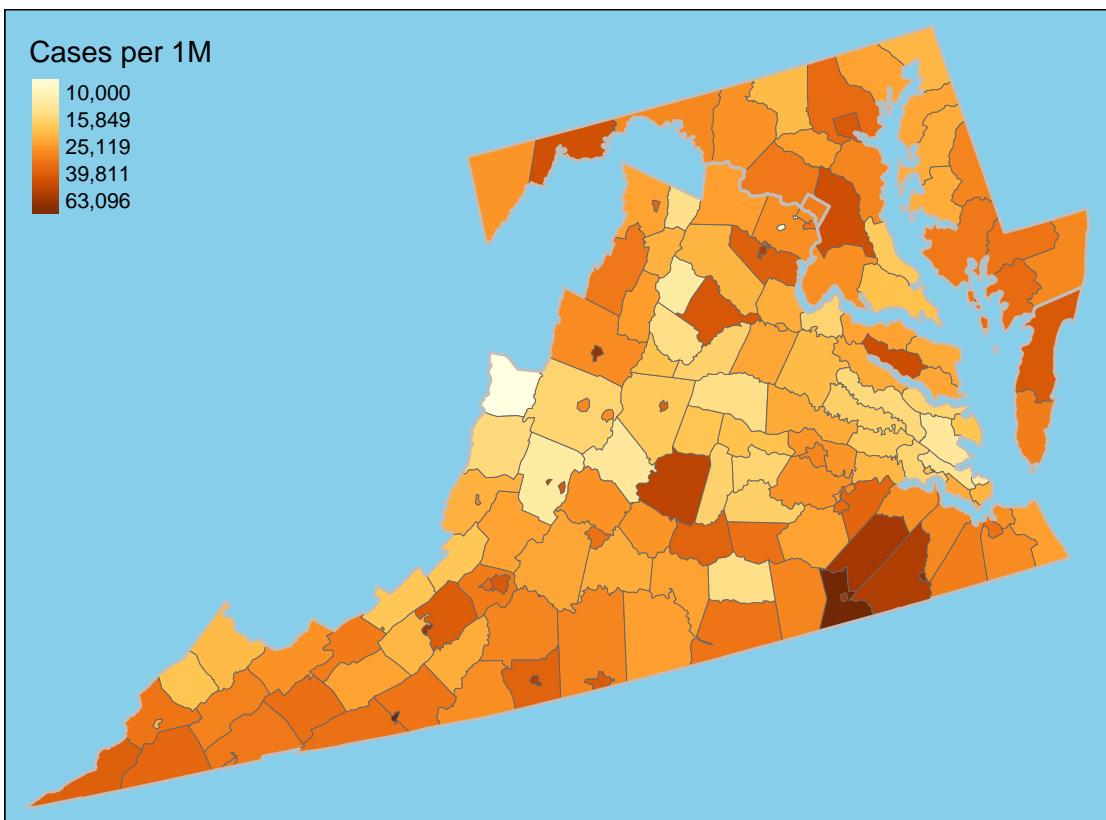


New Cases

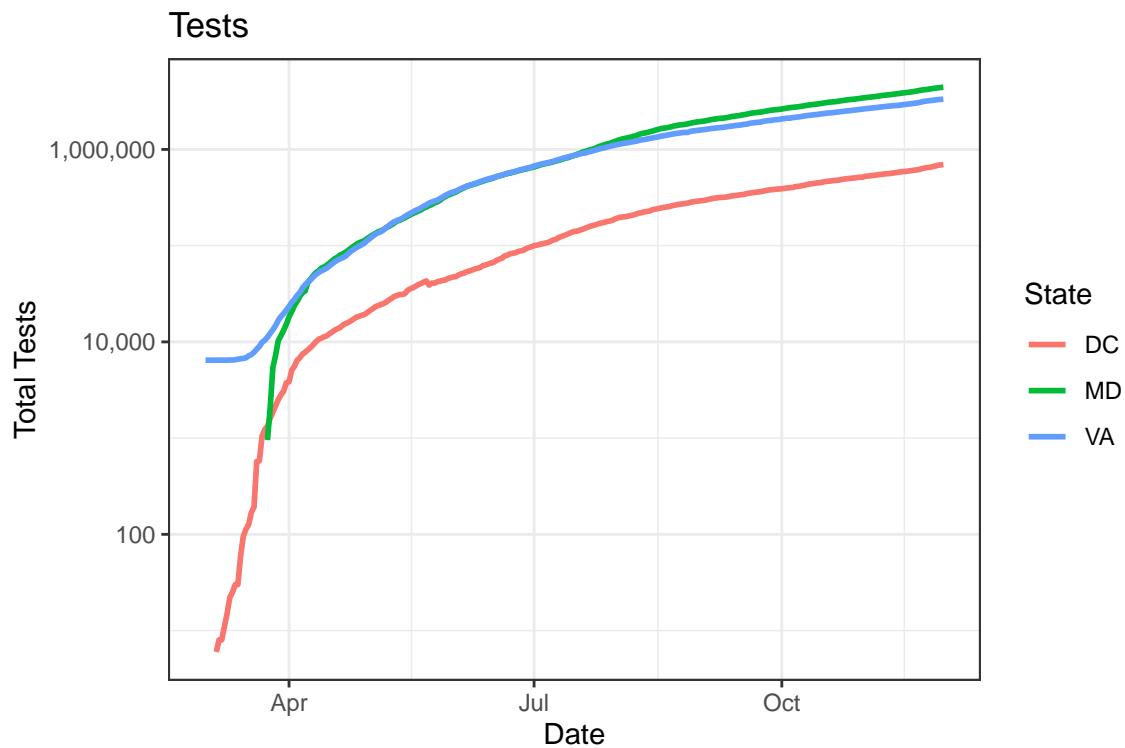


One-Week Change in Daily Cases

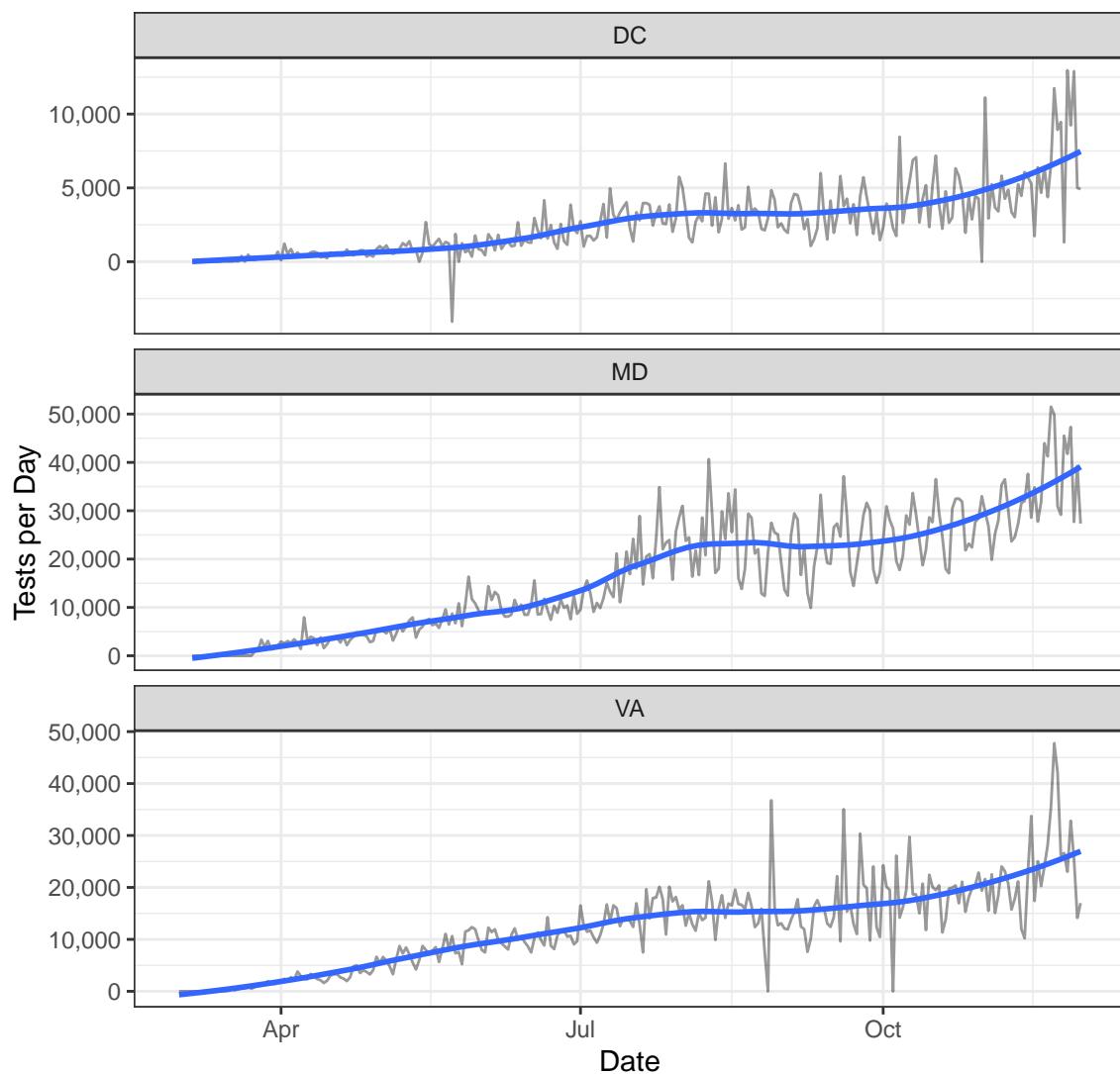




Testing



New Tests



Positive Test Rate

