

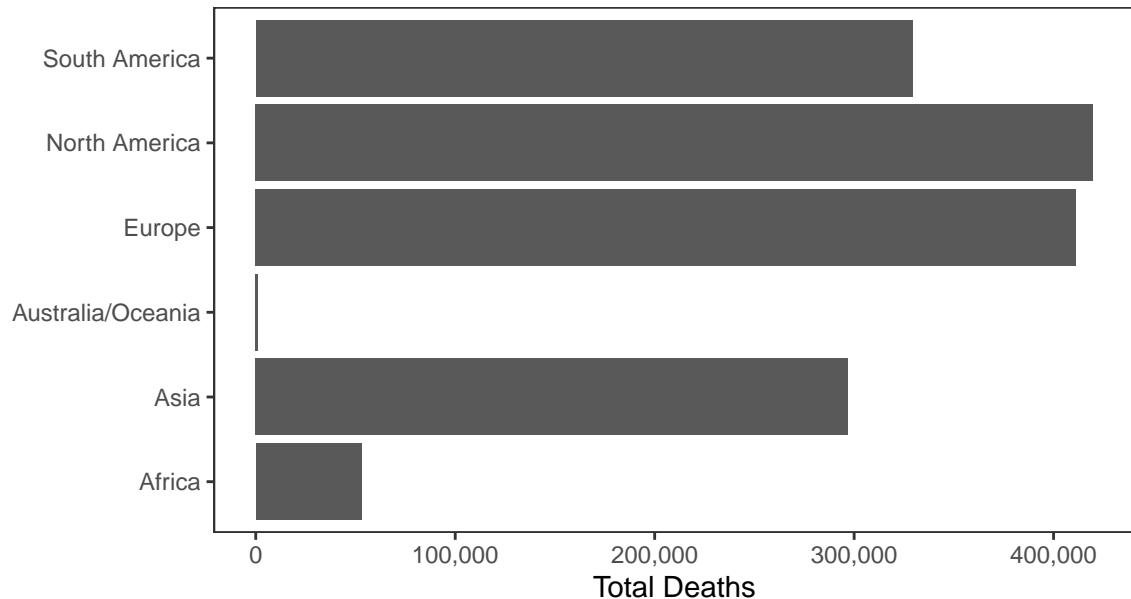
Erik's Covid-19 Chart Pack

Data updated 2020-12-04 07:45:32. 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 65,517,192 confirmed Covid-19 cases and 1,511,106 deaths worldwide.

Deaths



Cases

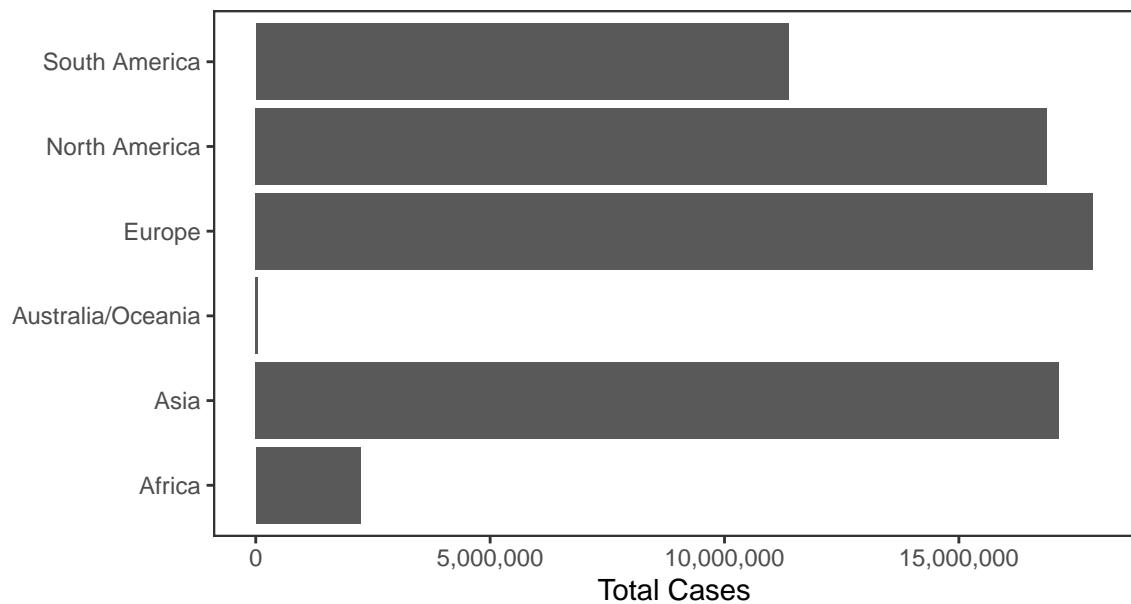
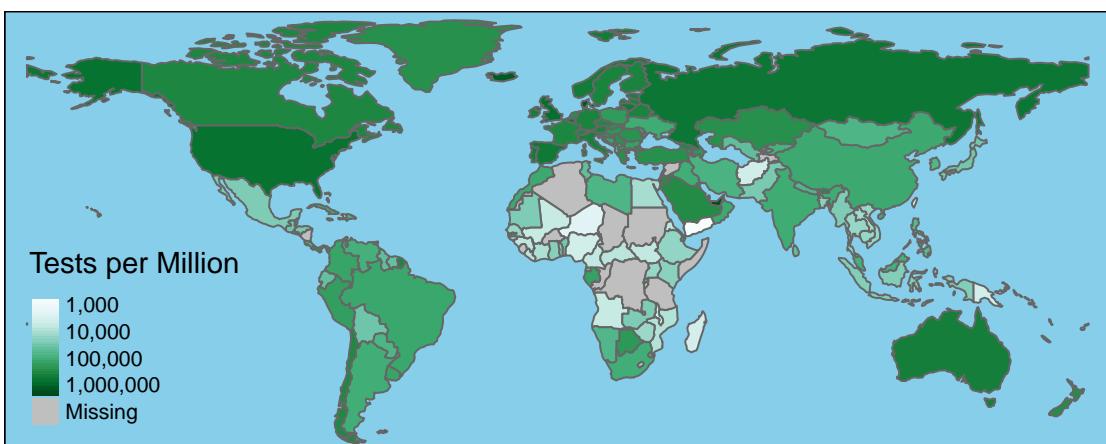
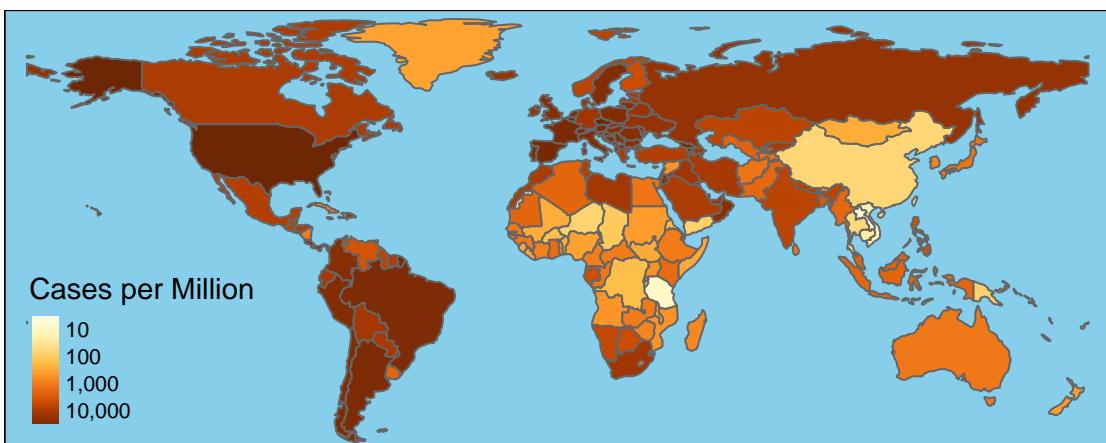
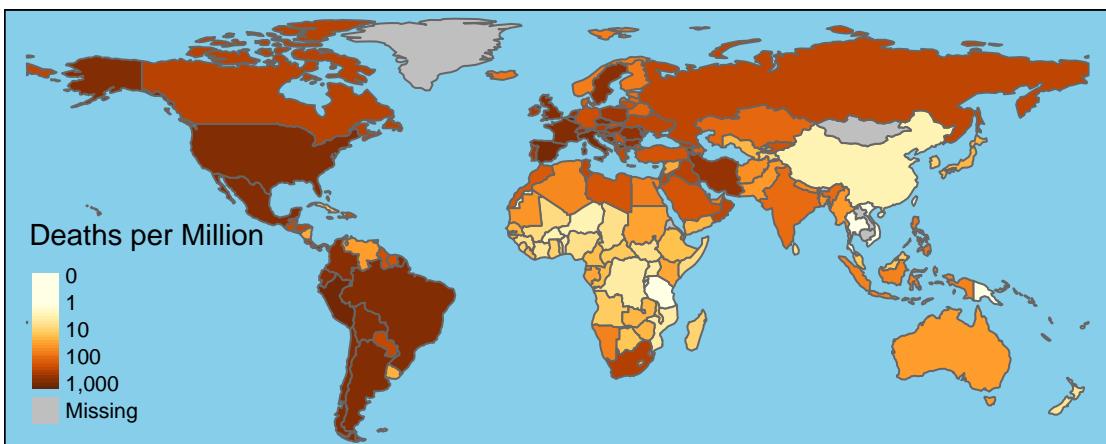


Table 1: Top Countries by Total Cases

Country	Cases	Deaths	New Cases	New Deaths
USA	14,535,196	282,829	218,576	2,918
India	9,571,780	139,227	38,309	570
Brazil	6,487,516	175,307	50,866	776
Russia	2,375,546	41,607	28,145	554
France	2,257,331	54,140	12,696	324
Spain	1,693,591	46,038	6,104	254
UK	1,674,134	60,113	14,879	414
Italy	1,664,829	58,038	23,225	993
Argentina	1,447,732	39,305	7,629	149
Colombia	1,343,322	37,305	9,233	188
Mexico	1,133,613	107,565	11,251	800
Germany	1,128,742	18,260	22,910	448
Poland	1,028,607	18,828	14,835	620
Iran	1,003,494	49,348	13,922	358
Peru	968,846	36,104	1,771	28
South Africa	800,872	21,803	4,400	94
Ukraine	772,760	12,960	14,496	243
Turkey	733,261	14,316	32,381	187
Belgium	582,252	16,911	3,040	125
Iraq	558,767	12,361	2,039	21



National Data

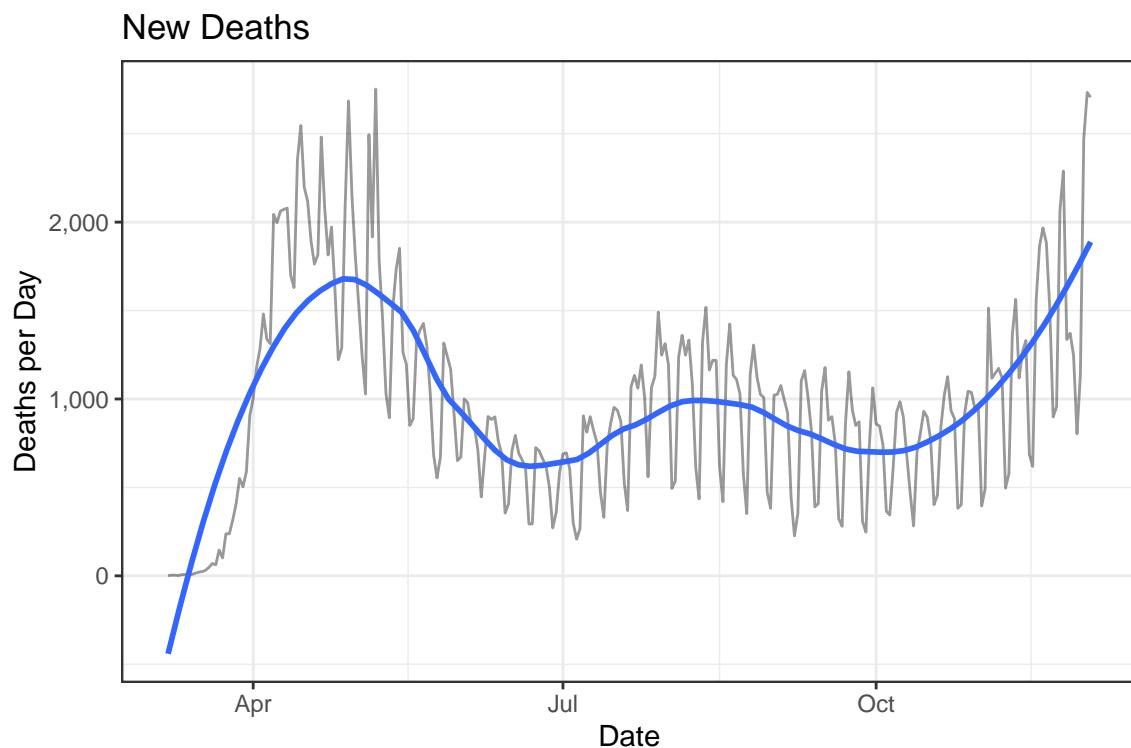
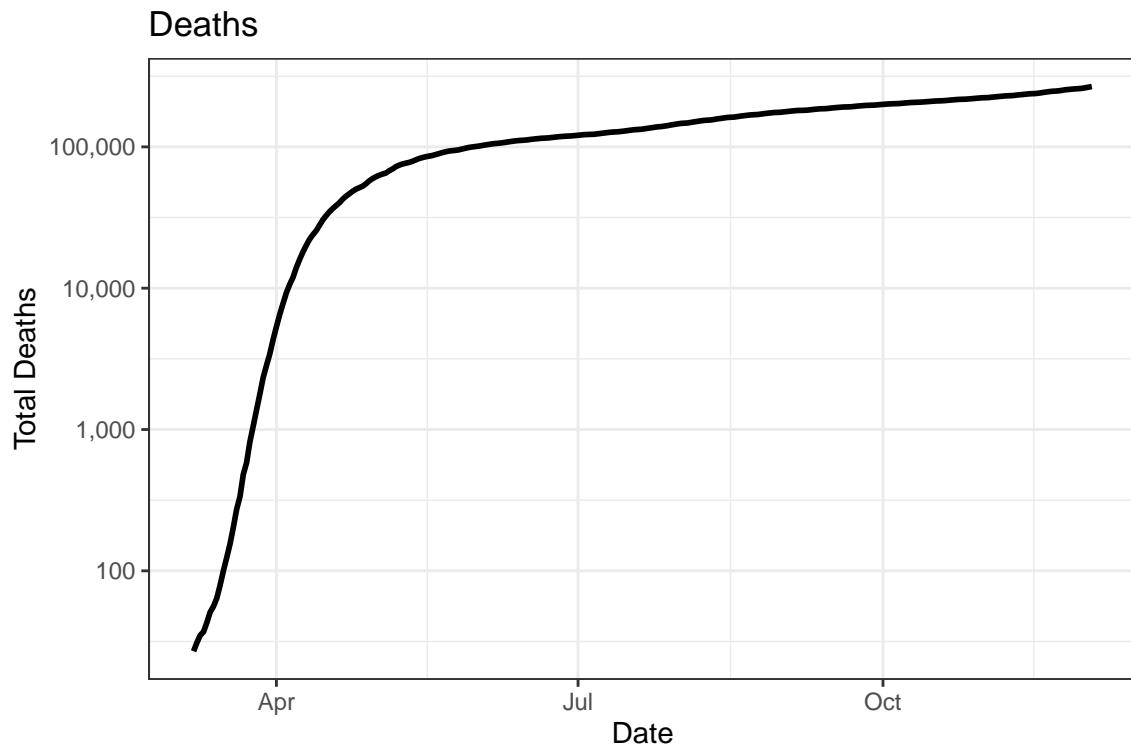
There have been 13,921,312 confirmed Covid-19 cases and 267,228 deaths in the United States.

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

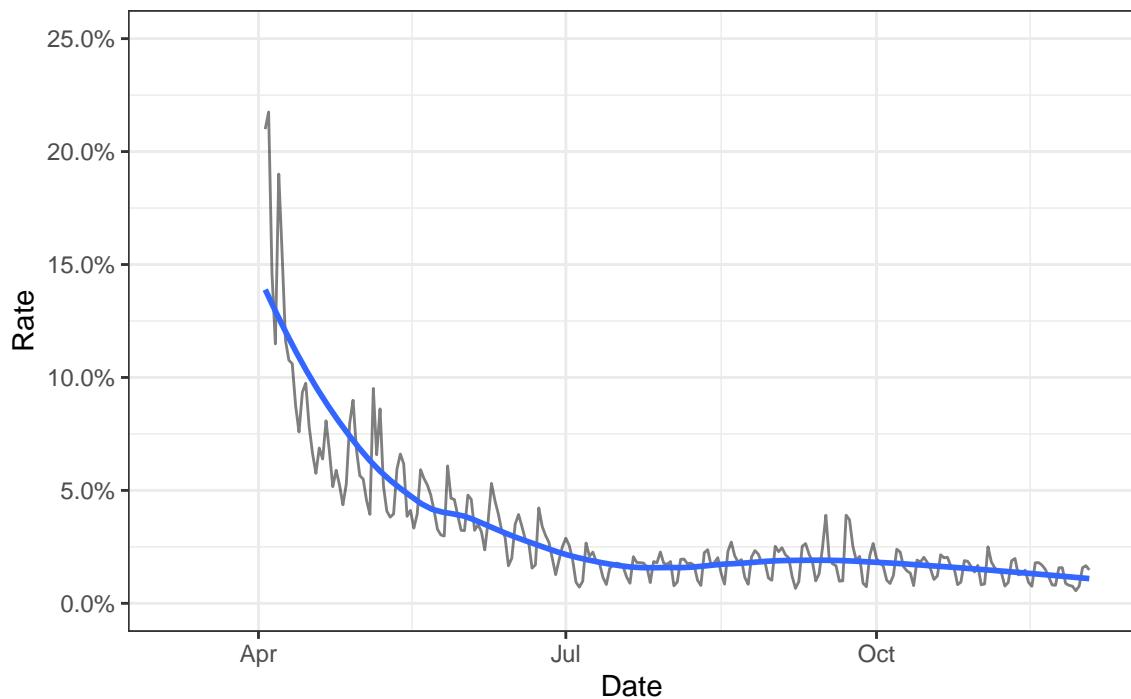
Date	Cases	Deaths	New Cases	New Deaths
2020-12-03	13,921,312	267,228	210,161	2,706
2020-12-02	13,711,151	264,522	195,695	2,733
2020-12-01	13,515,456	261,789	176,785	2,473
2020-11-30	13,338,671	259,316	147,583	1,136
2020-11-29	13,191,088	258,180	135,242	803
2020-11-28	13,055,846	257,377	154,551	1,245
2020-11-27	12,901,295	256,132	193,667	1,372
2020-11-26	12,707,628	254,760	126,353	1,336
2020-11-25	12,581,275	253,424	183,615	2,289
2020-11-24	12,397,660	251,135	167,057	2,066
2020-11-23	12,230,603	249,069	150,940	955
2020-11-22	12,079,663	248,114	150,821	898
2020-11-21	11,928,842	247,216	179,715	1,512
2020-11-20	11,749,127	245,704	192,744	1,884

Deaths

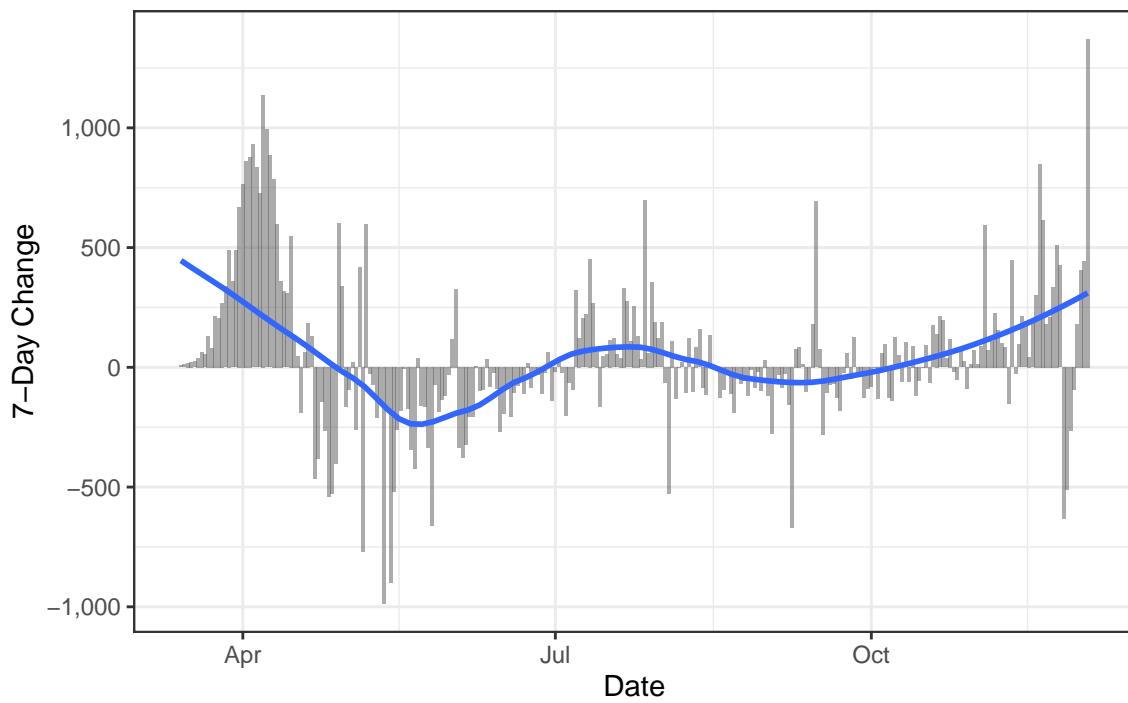
Because the effects of the virus can take several weeks to manifest in patients, deaths are a lagging indicator of contagion, but they may be a more reliable than case counts, which are a function of both the prevalence of the disease and the rate of testing. The case mortality rate is a very crude indicator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

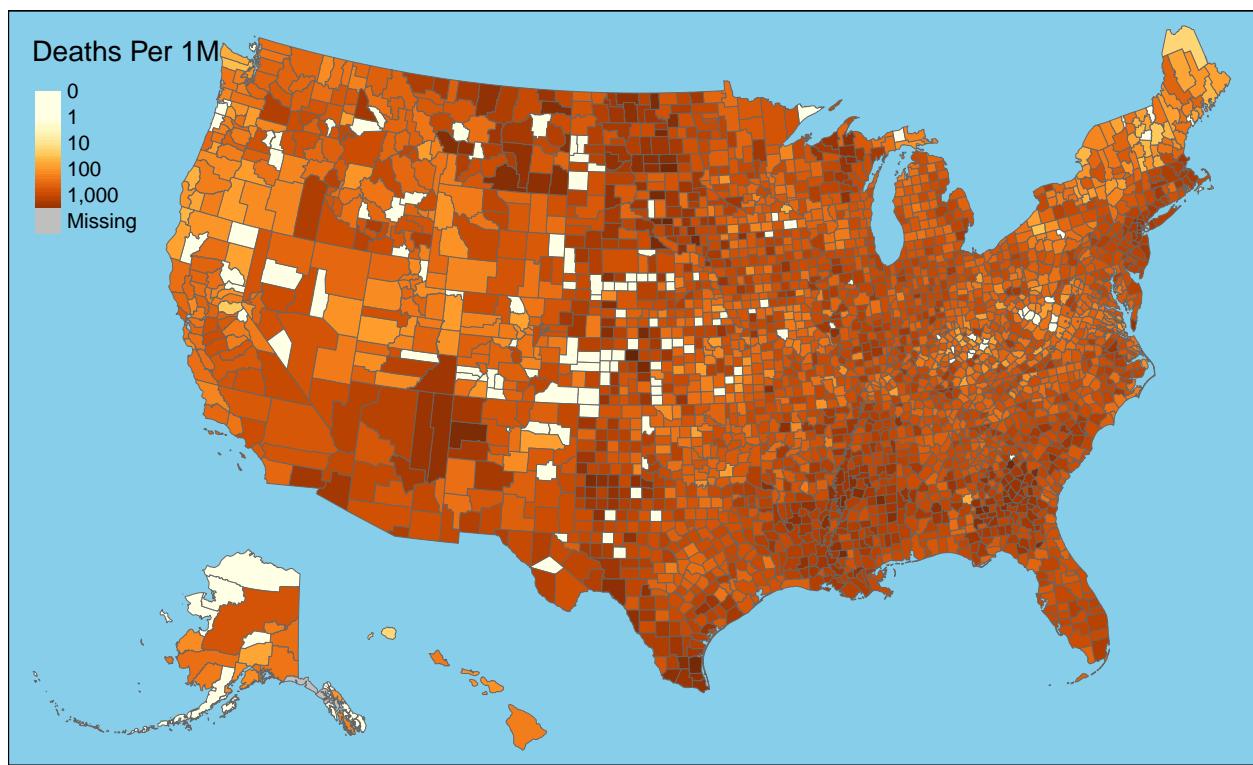


Daily Case Mortality Rate



One-Week Change in Daily Deaths

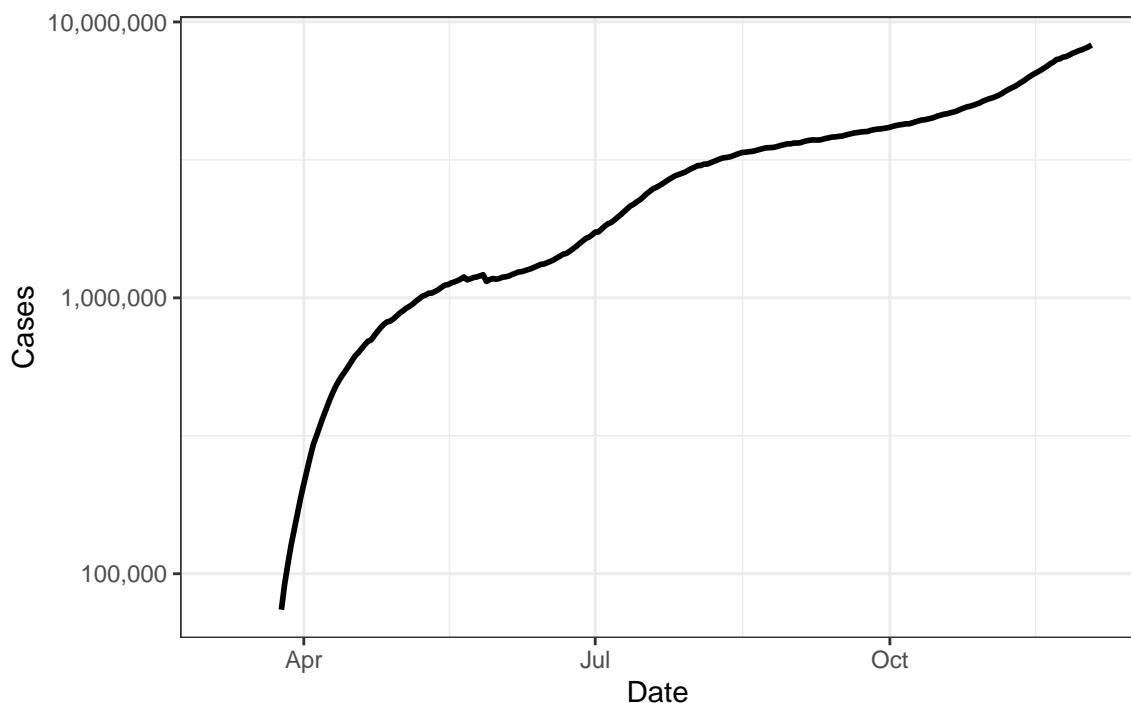




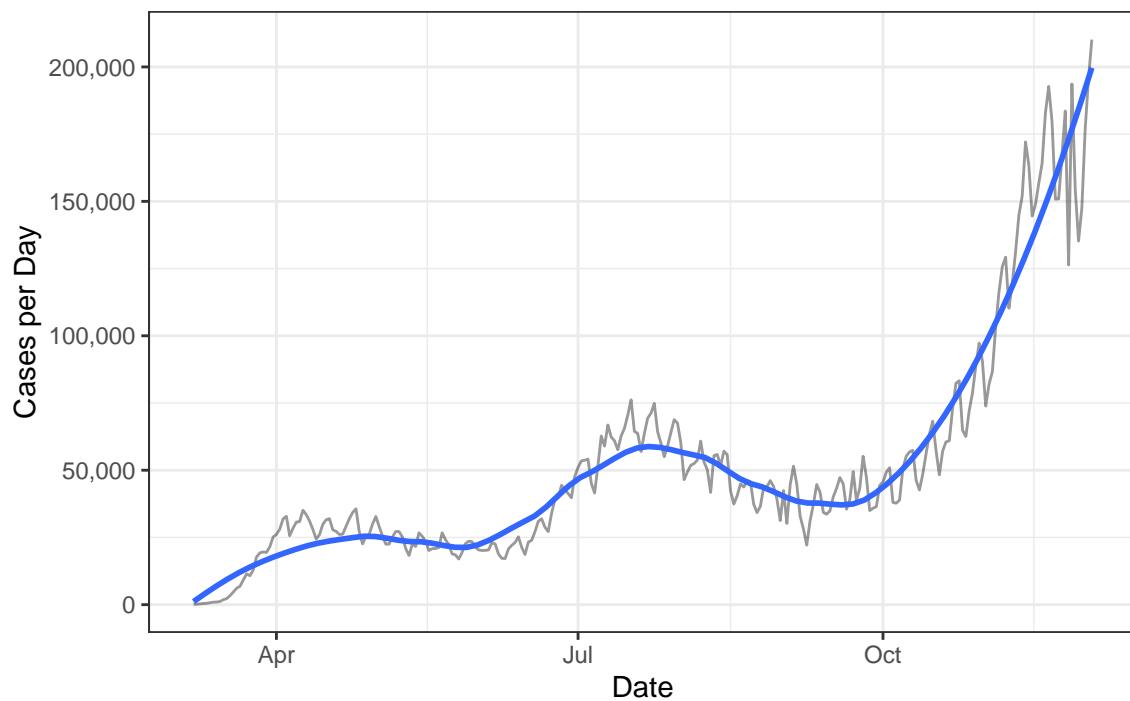
Cases

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

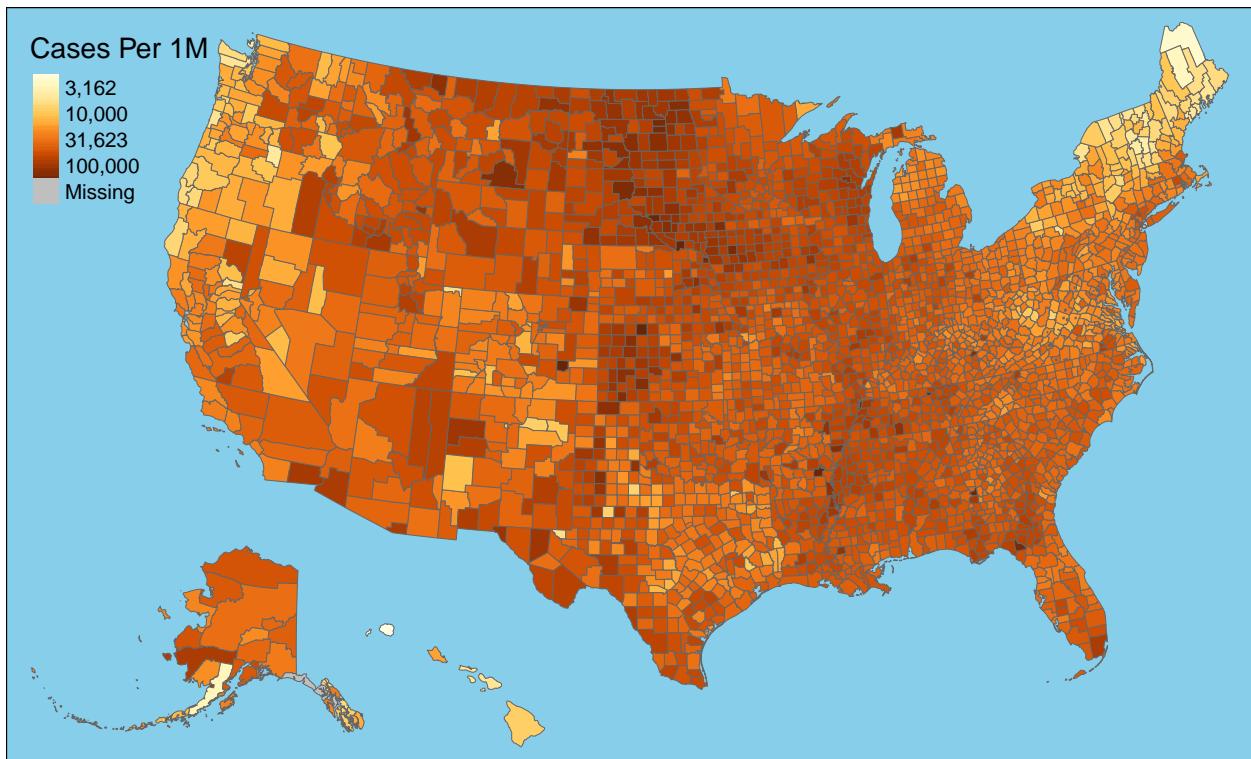
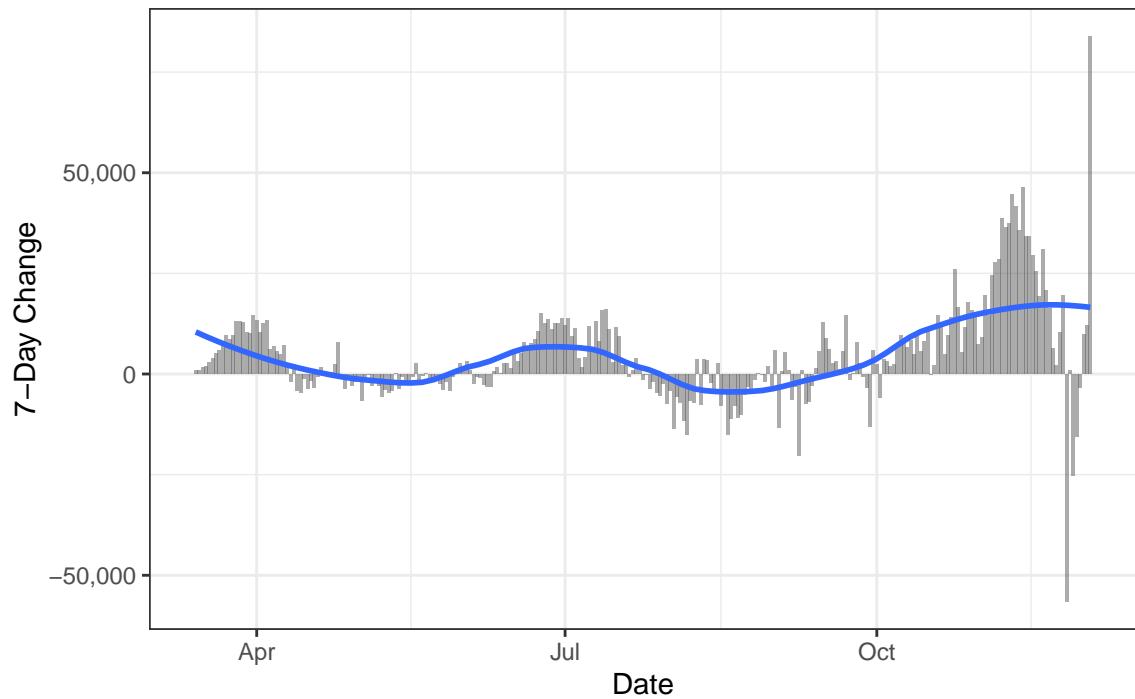
Active Cases



New Cases

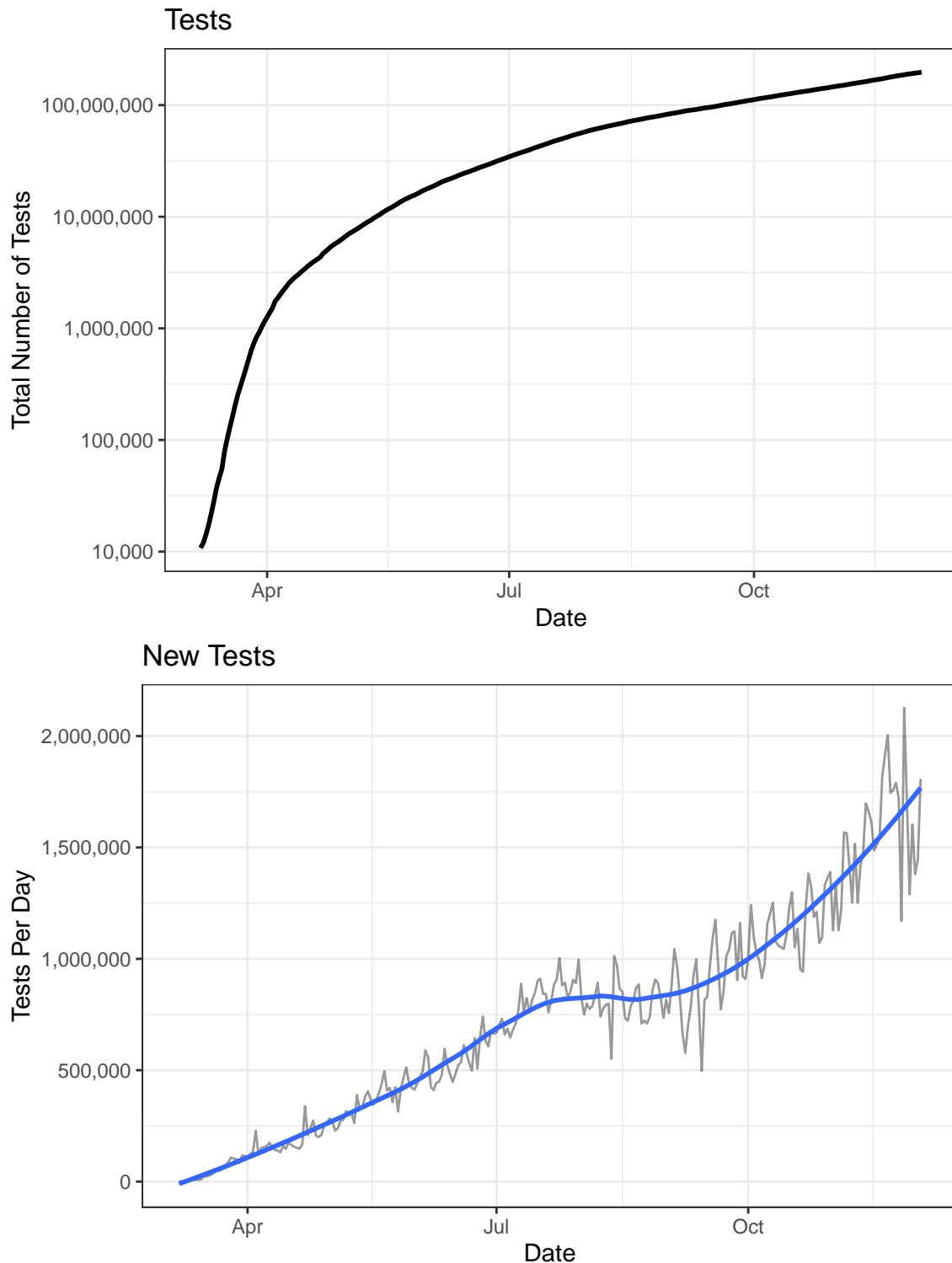


One-Week Change in Daily Cases

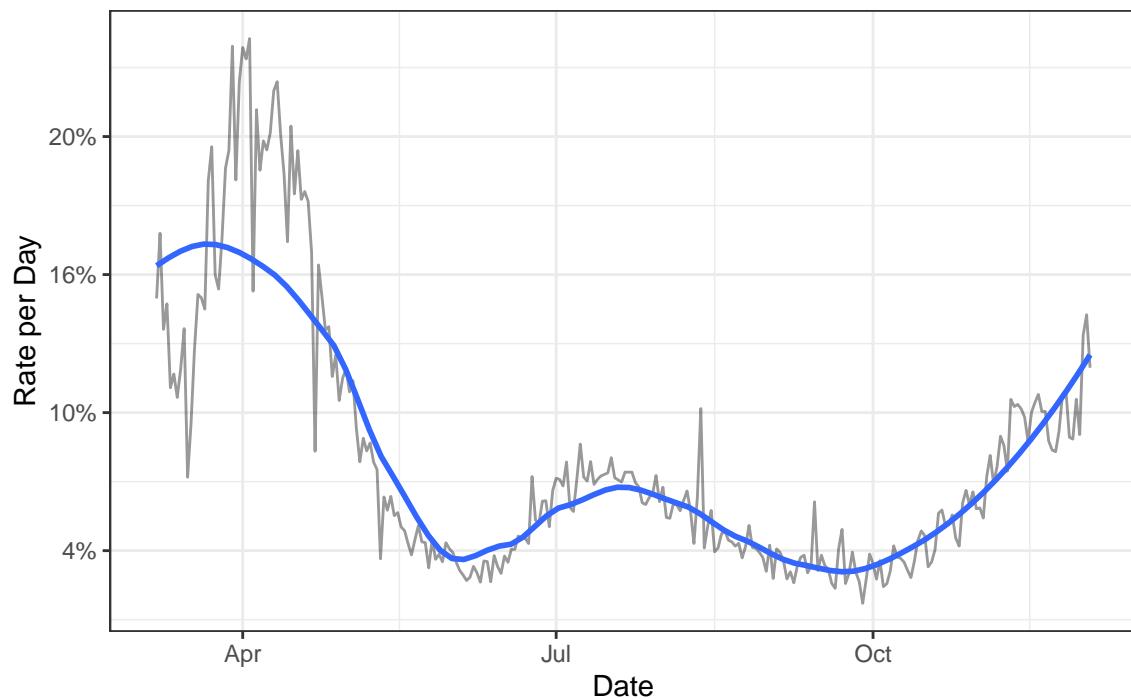


Testing

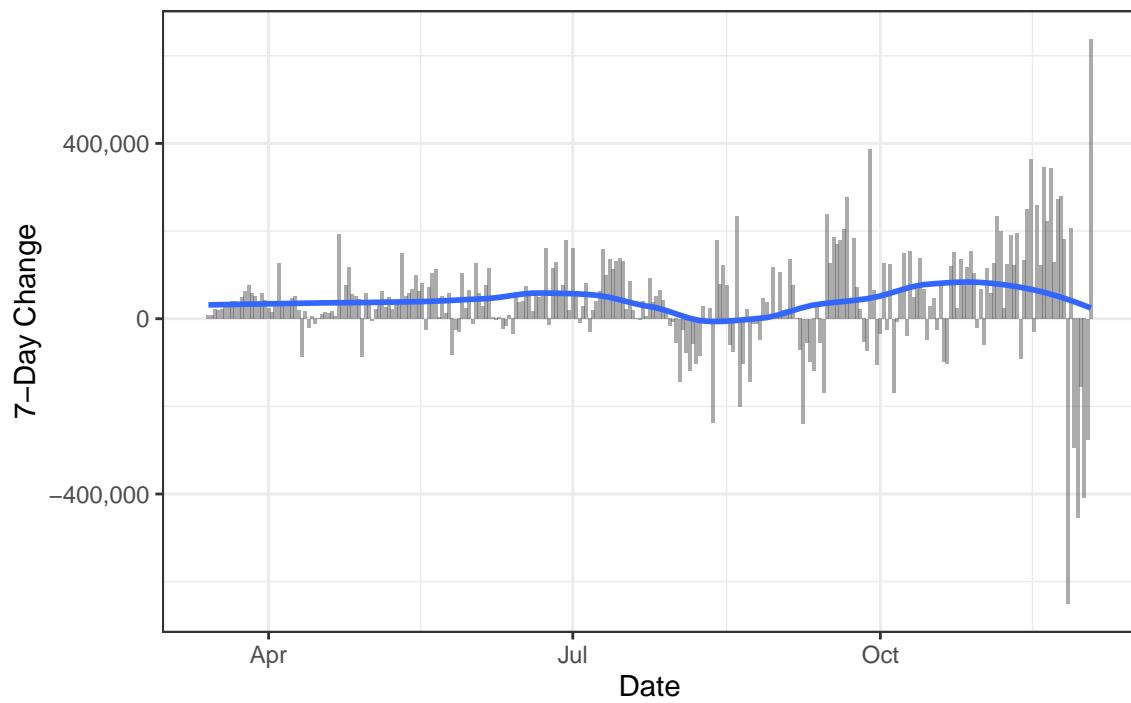
Widespread testing is necessary for managing the spread of the disease. The following charts show how testing in the United States has changed over time. When the supply of available tests is limited, they are typically only used for patients whose symptoms suggest they are likely to have contracted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



Positive Test Rate



One-Week Change in Daily Tests

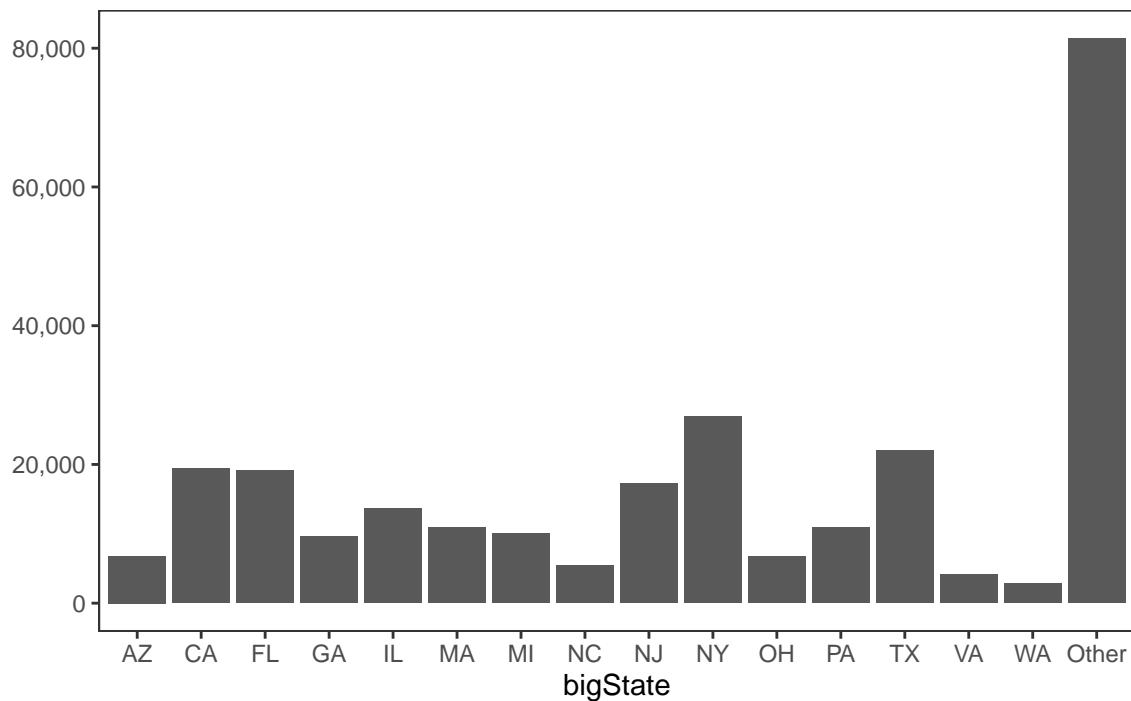


State Data

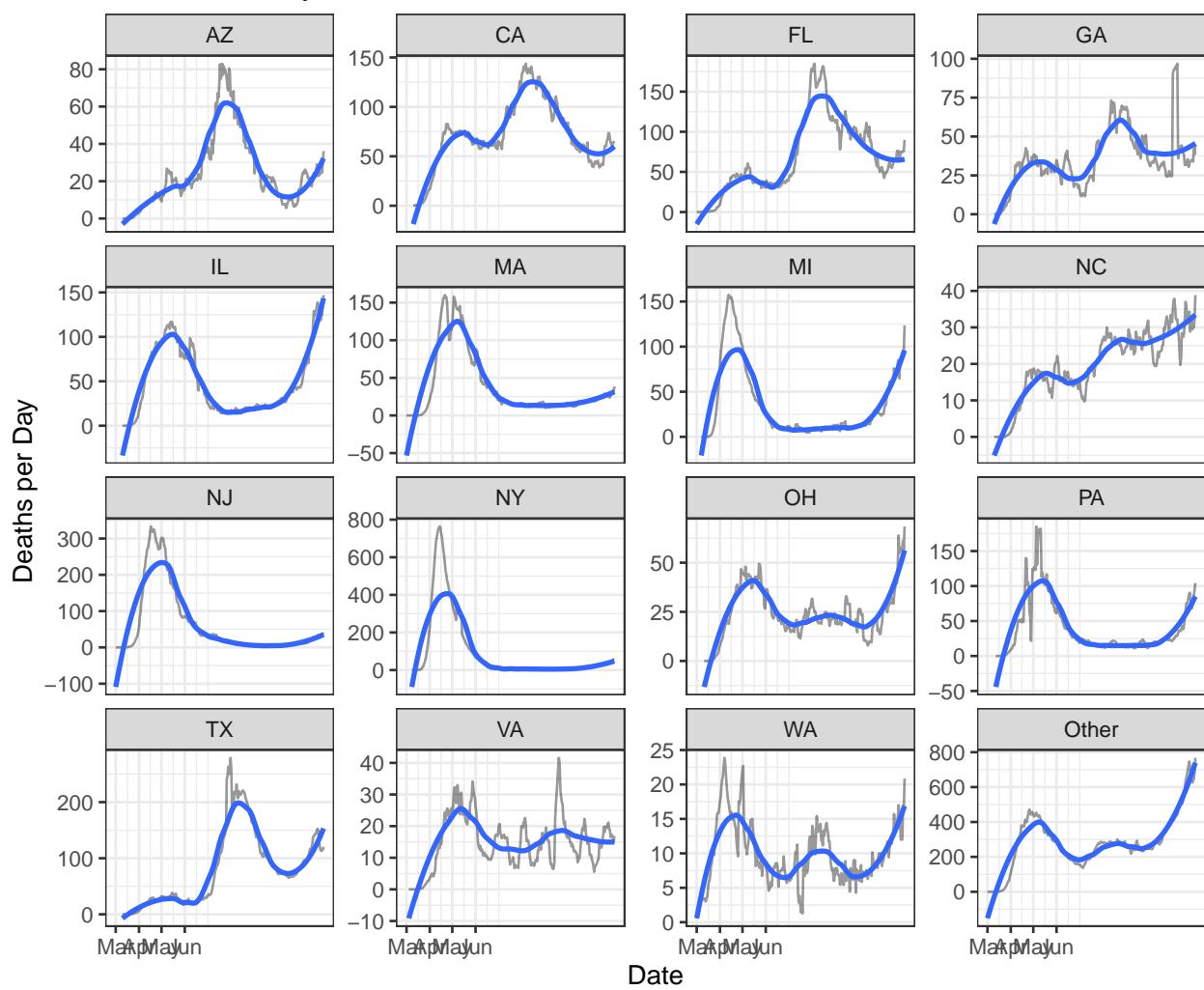
This section summarizes state-level data. Most data are reported for the largest 15 states by population, which account for NaN percent of the total U.S. population.

Deaths

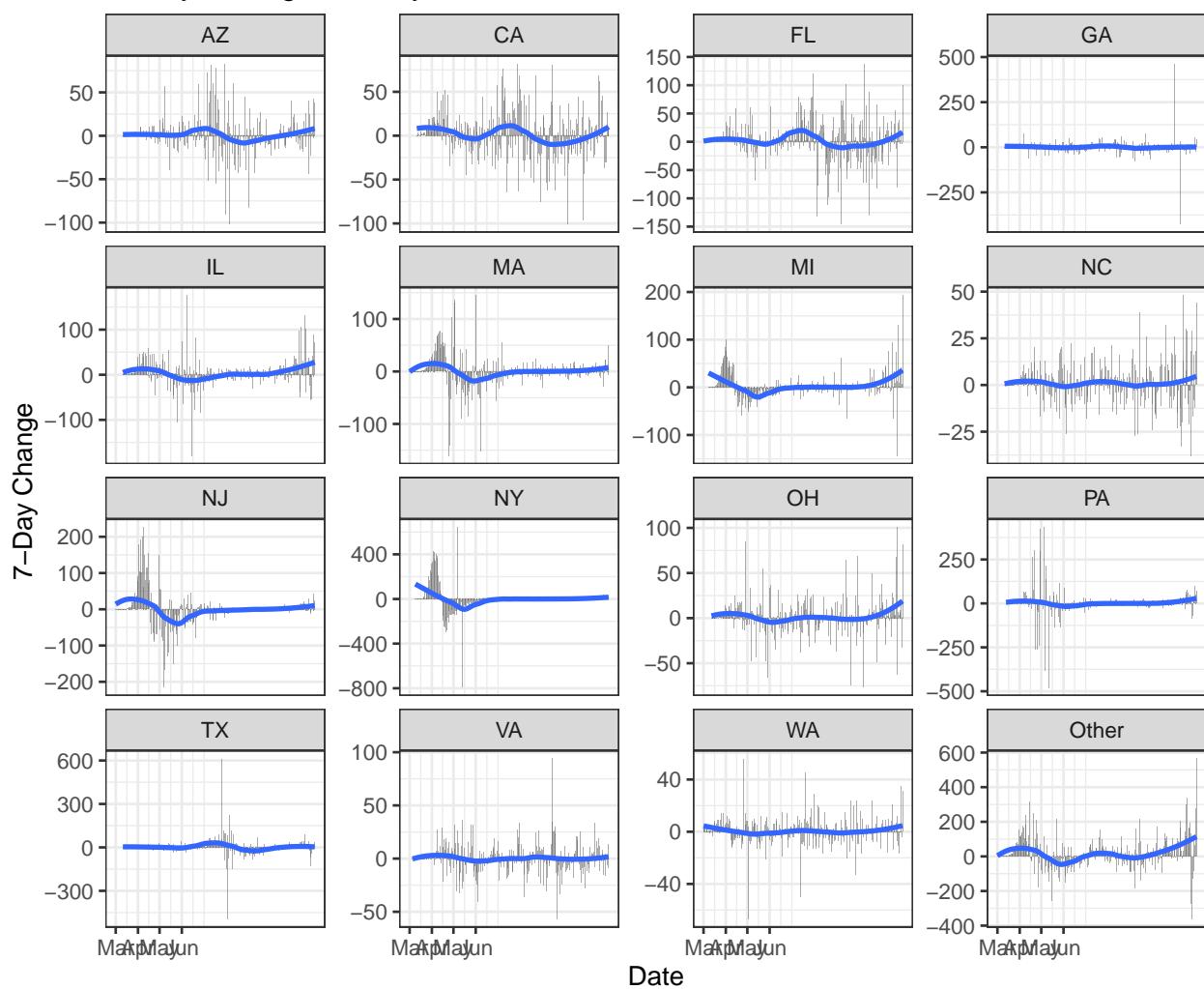
Deaths by State

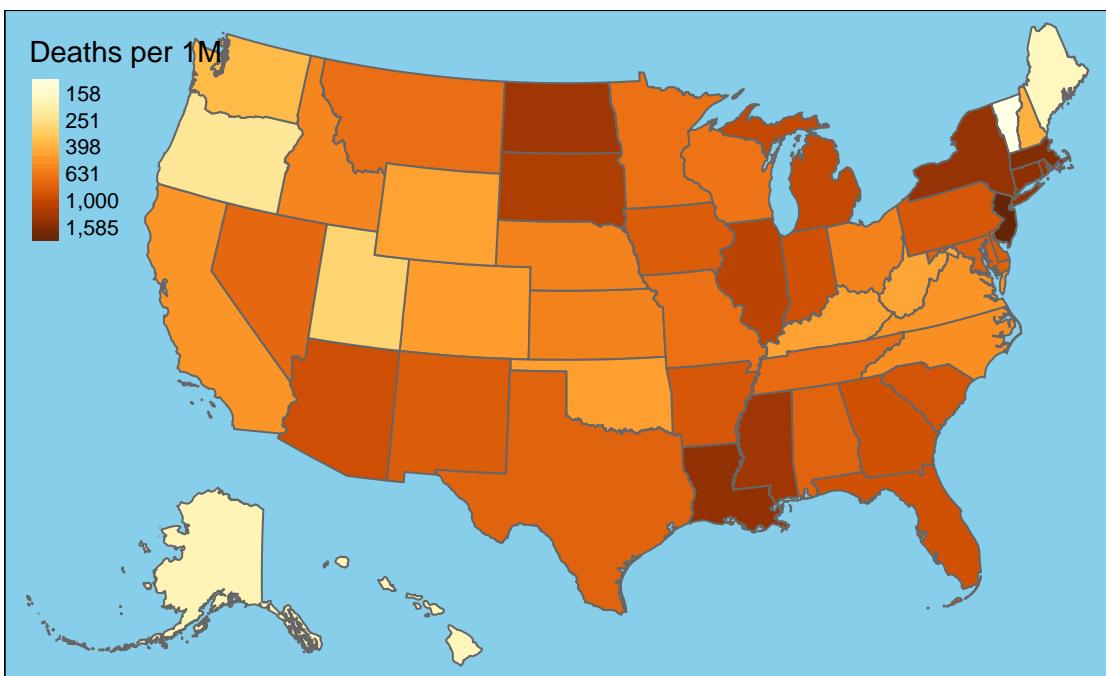
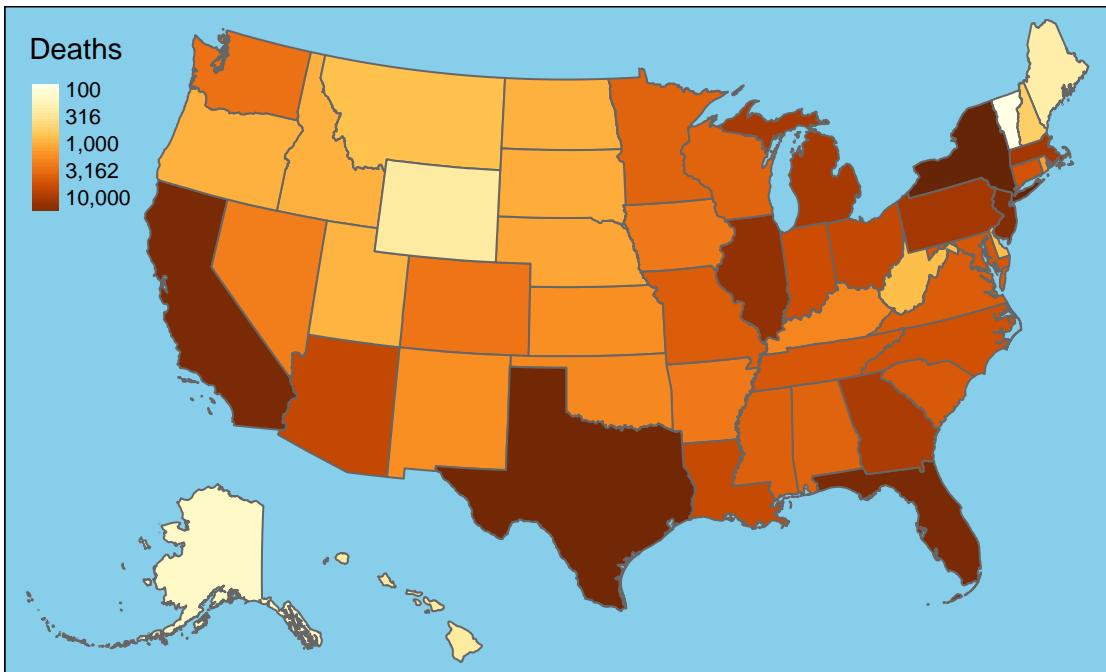


New Deaths by State



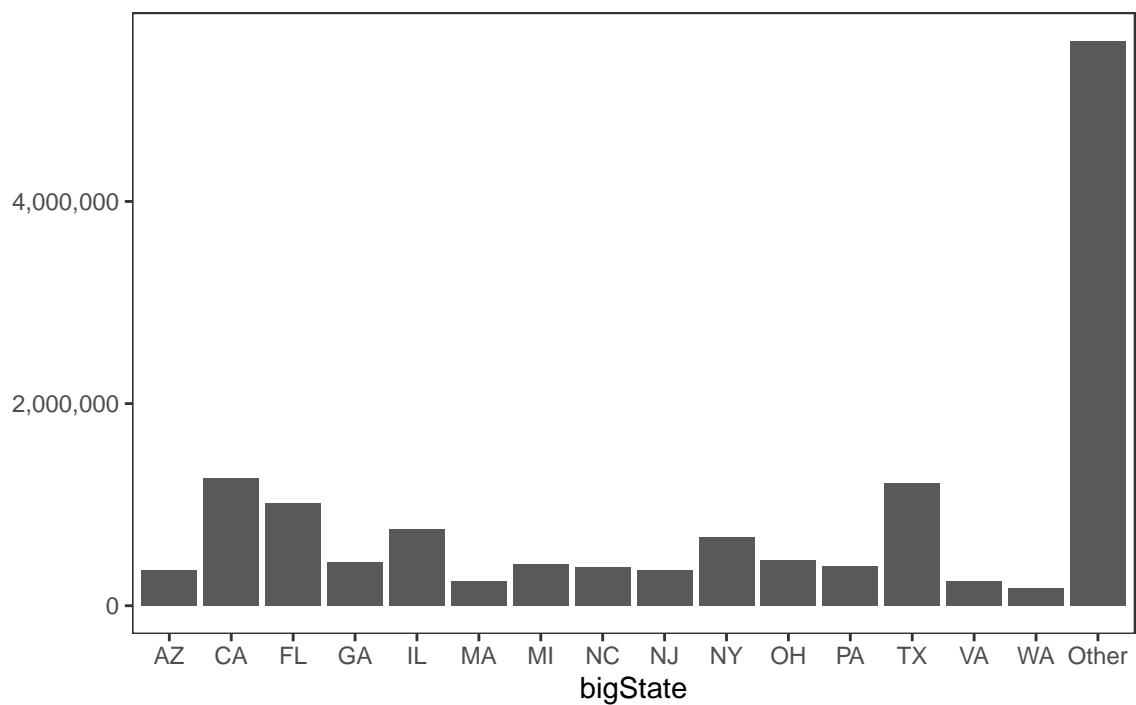
7-Day Change in Daily Deaths



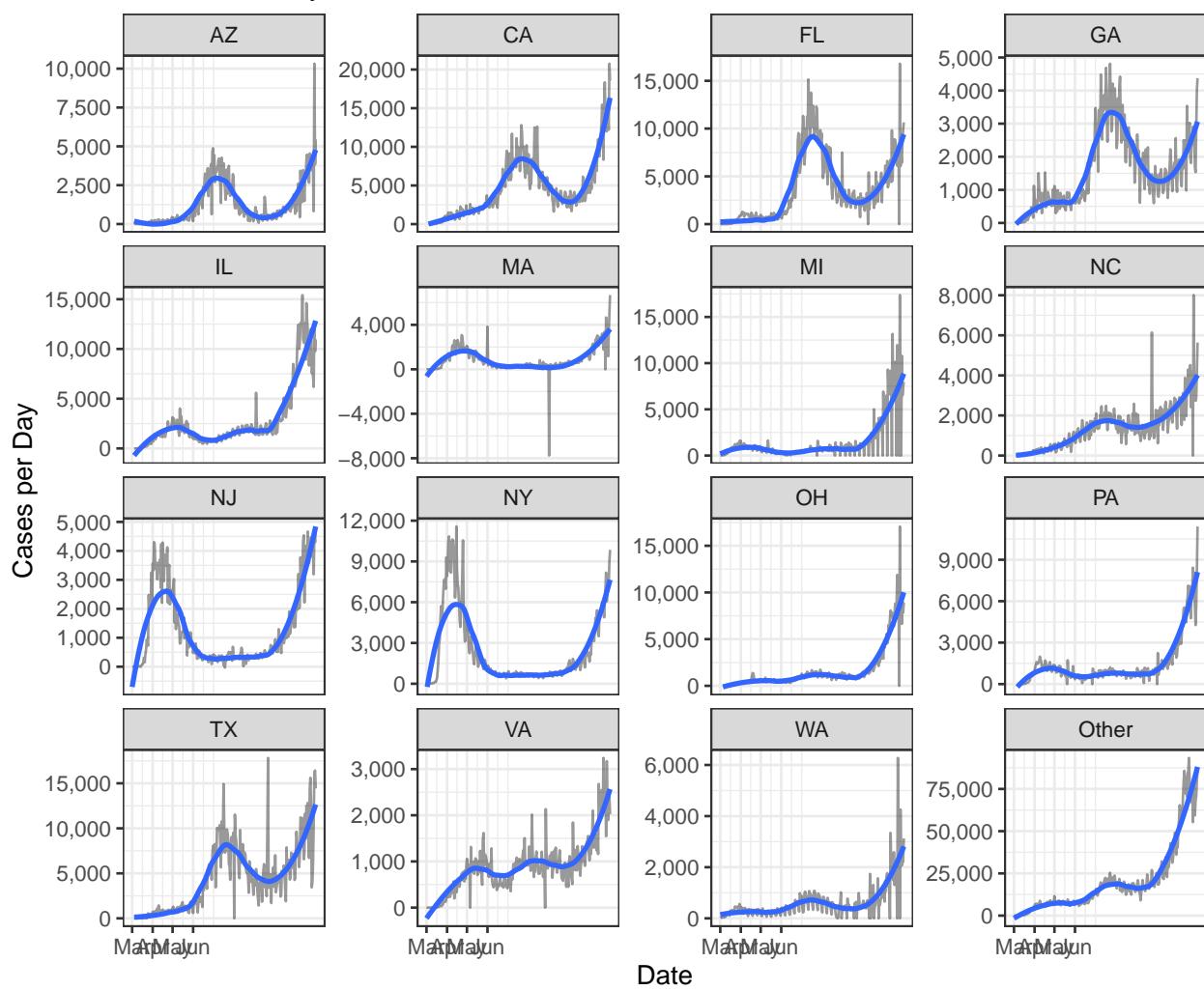


Cases

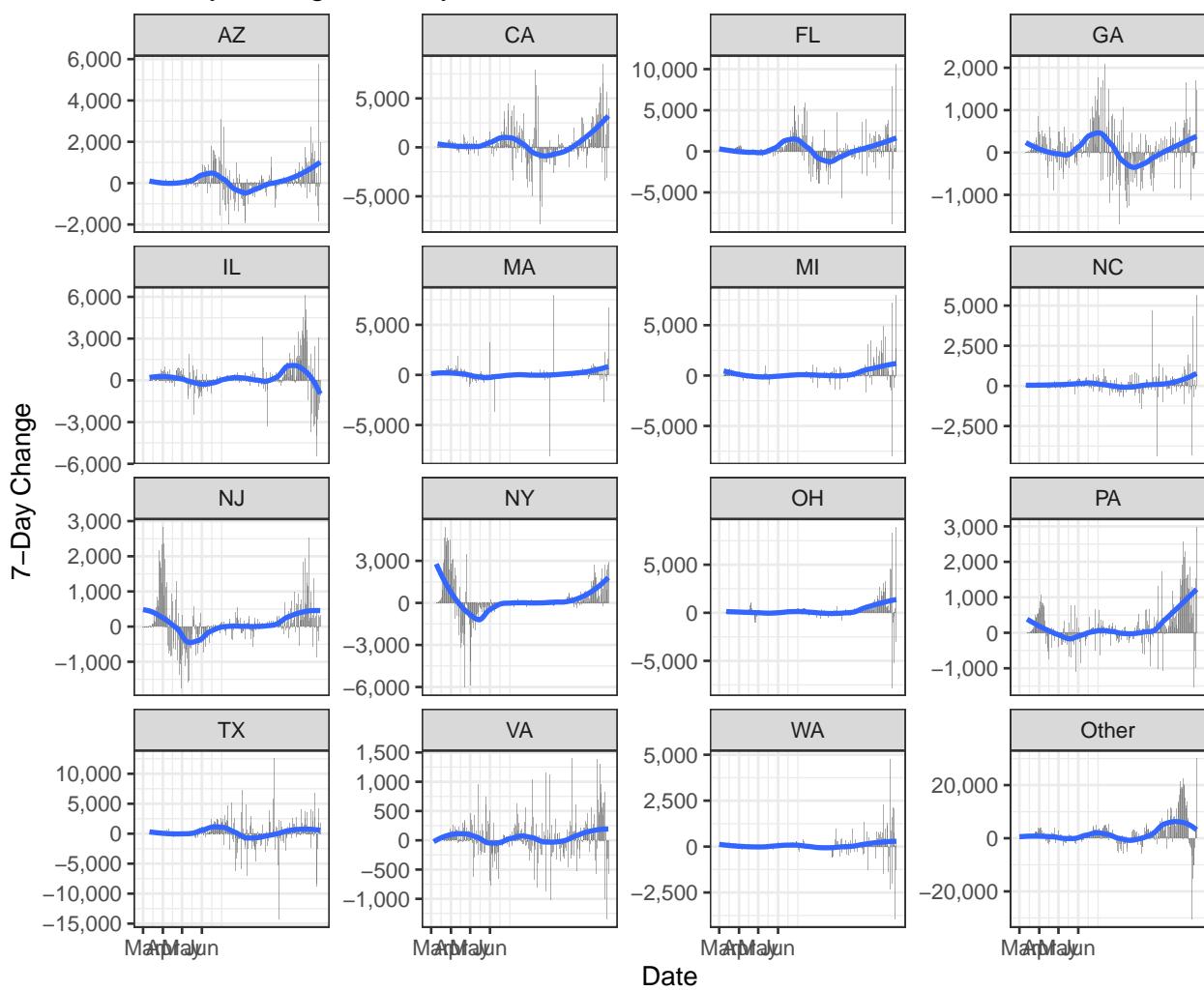
Cases by State

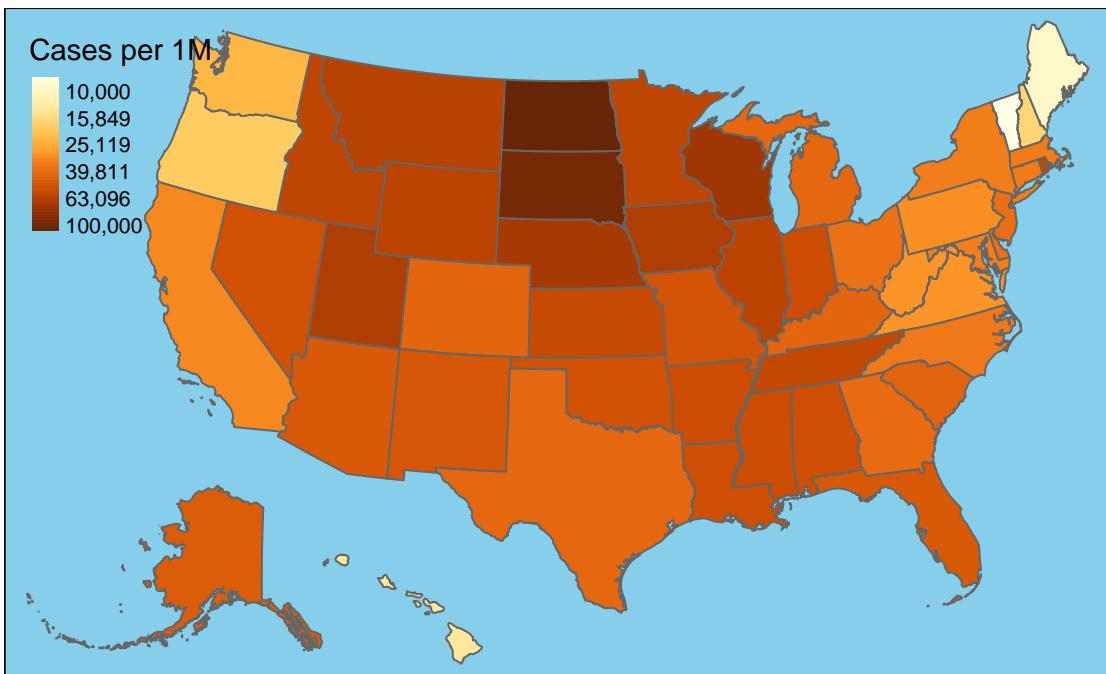
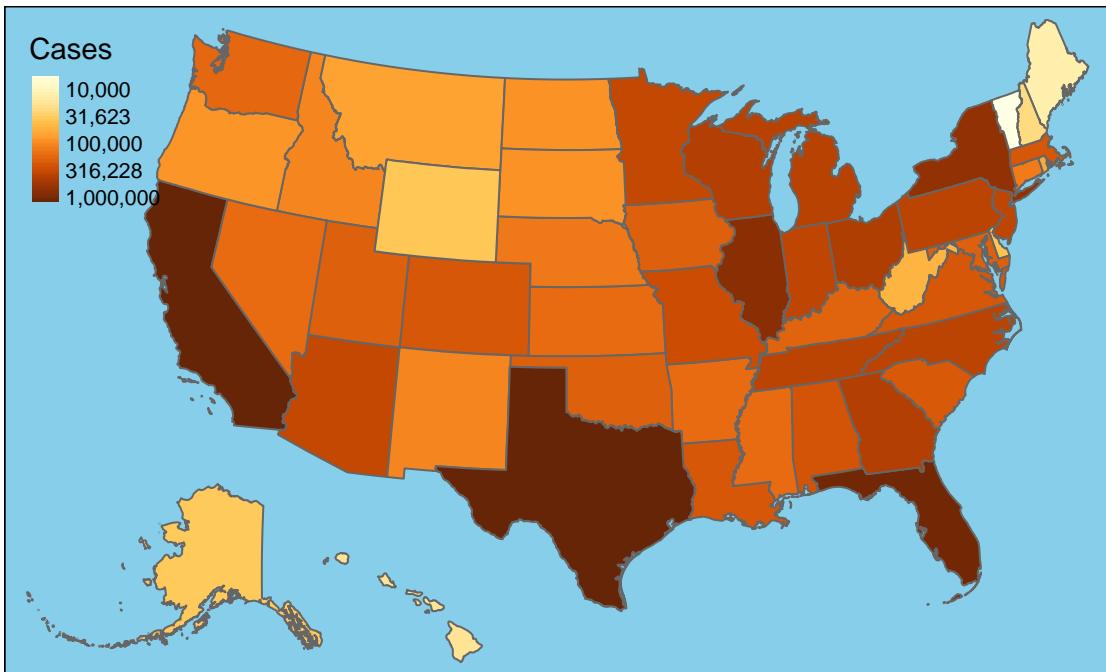


New Cases by State

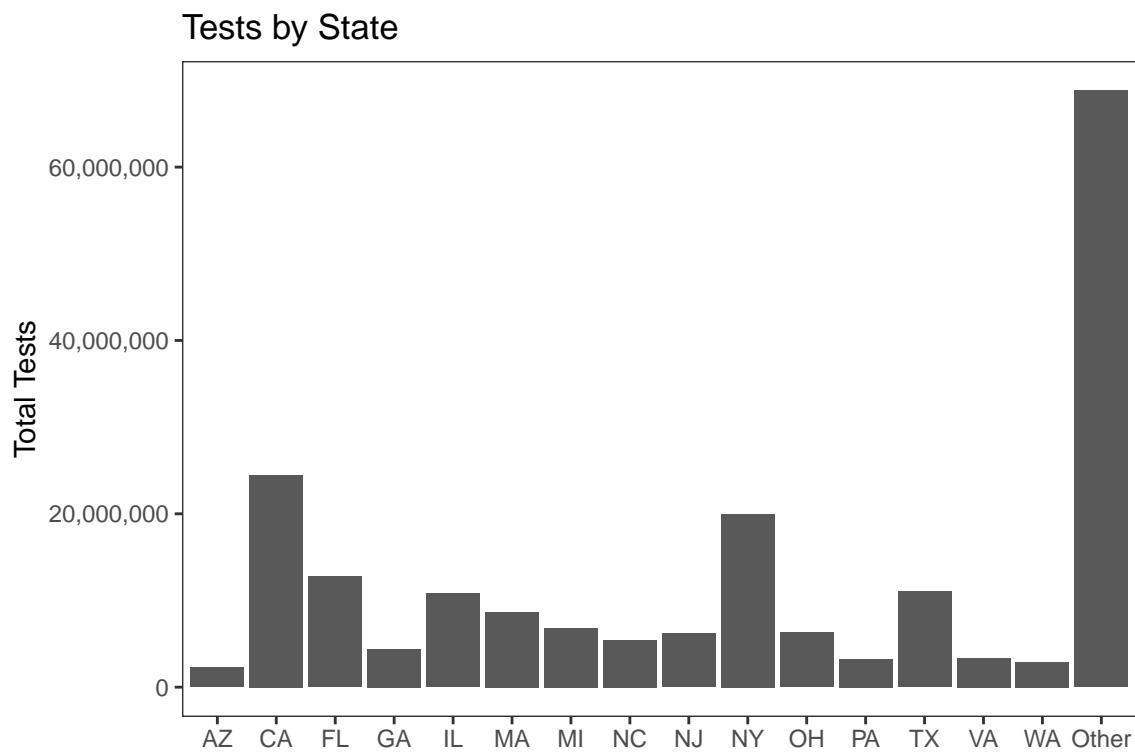


7-Day Change in Daily Cases

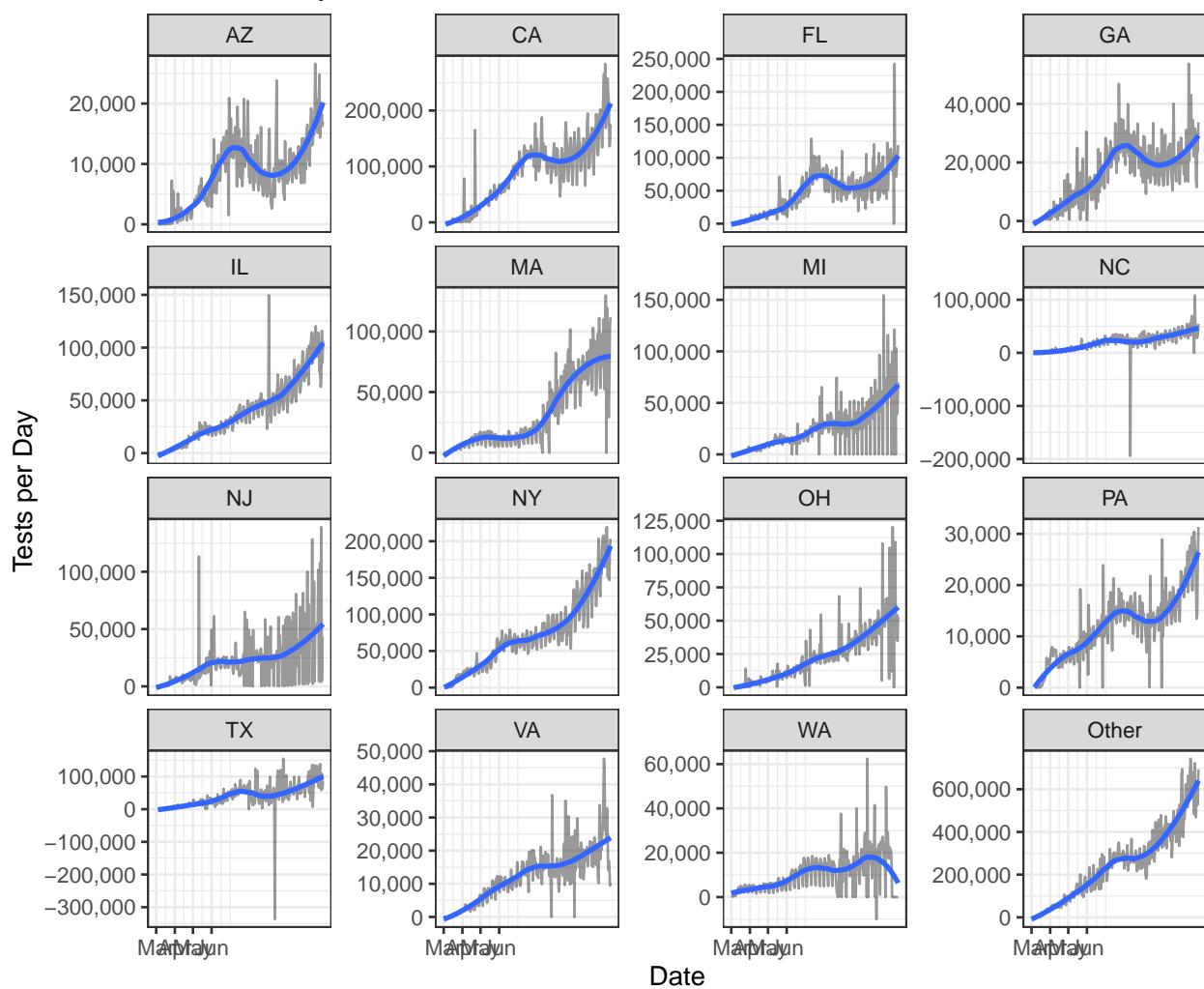


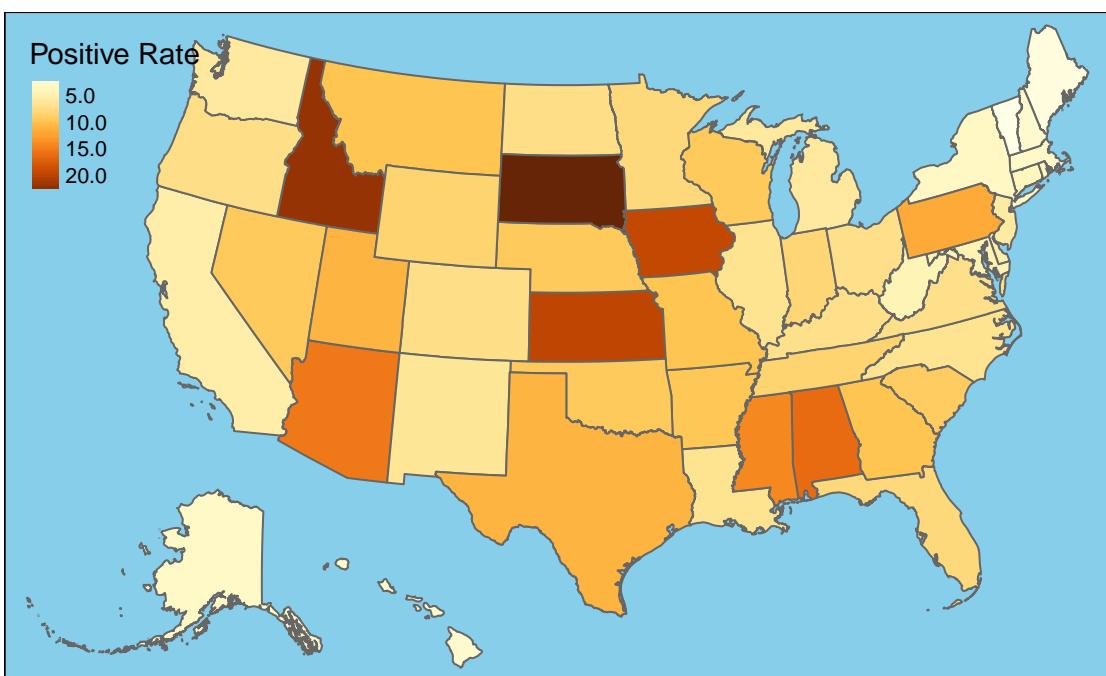
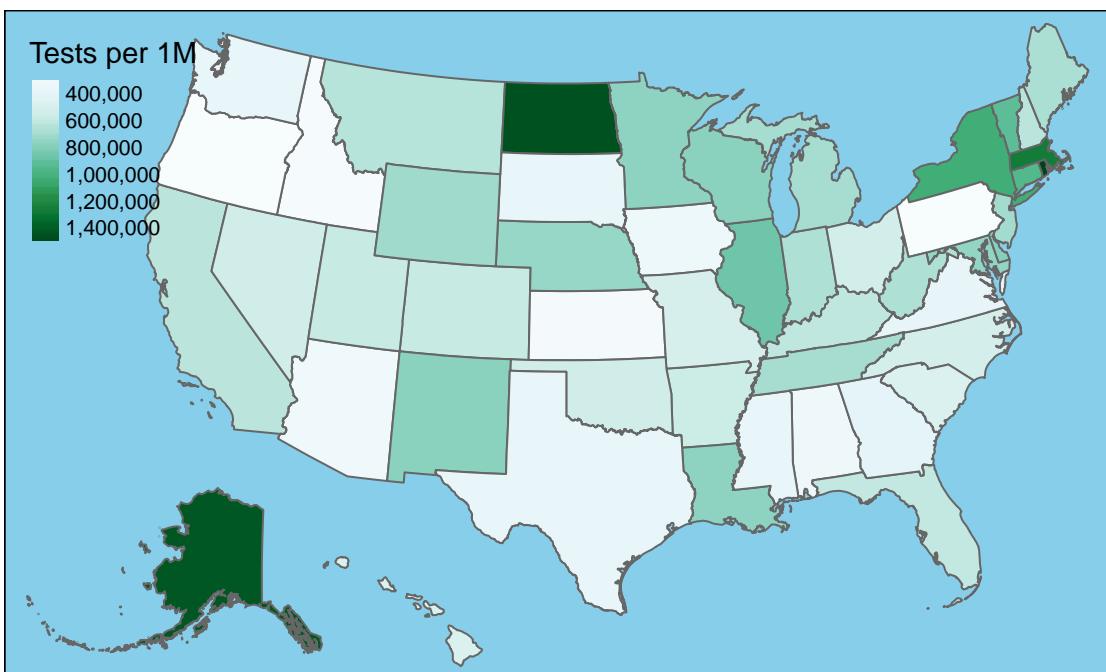


Testing



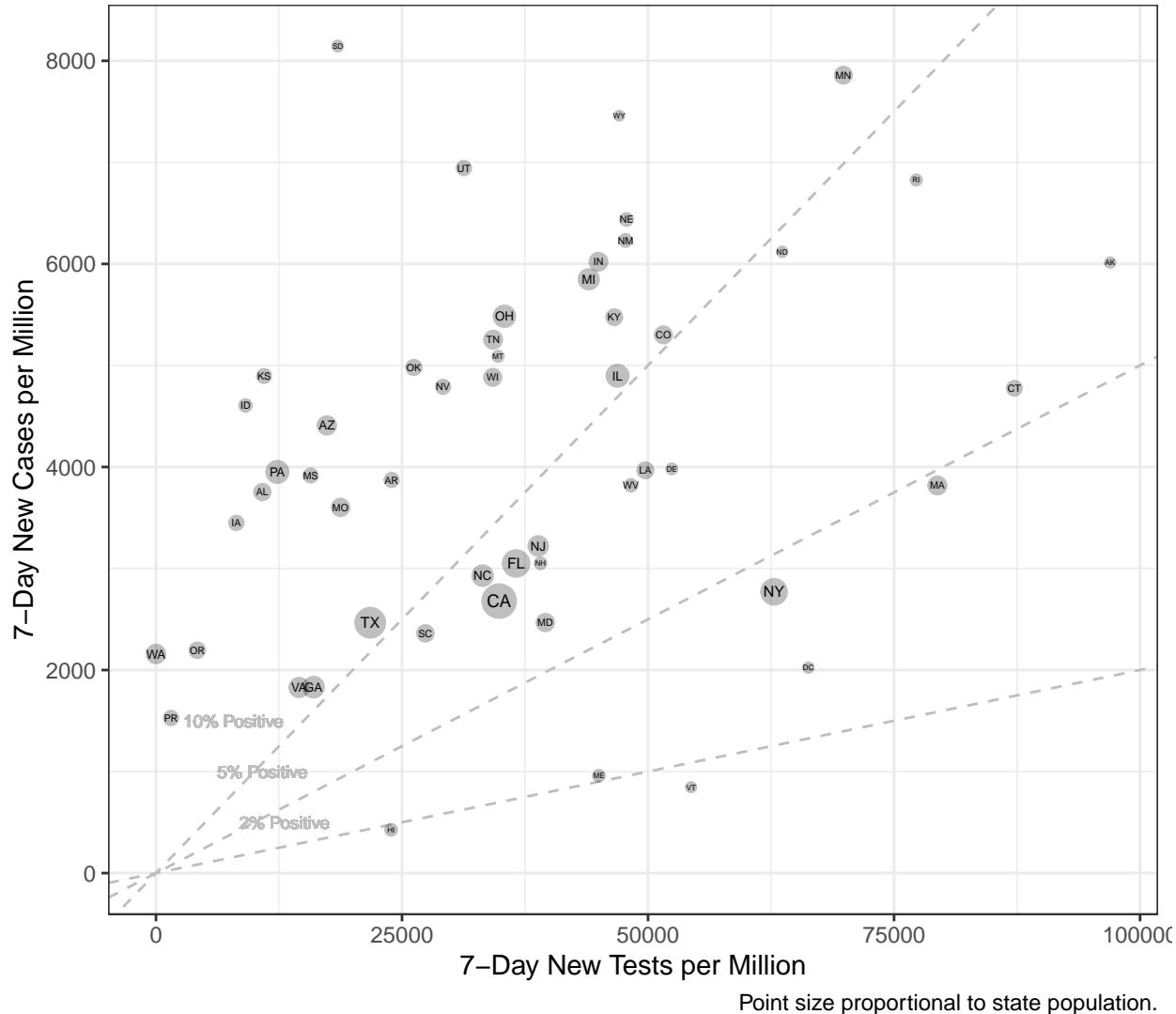
New Tests by State





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



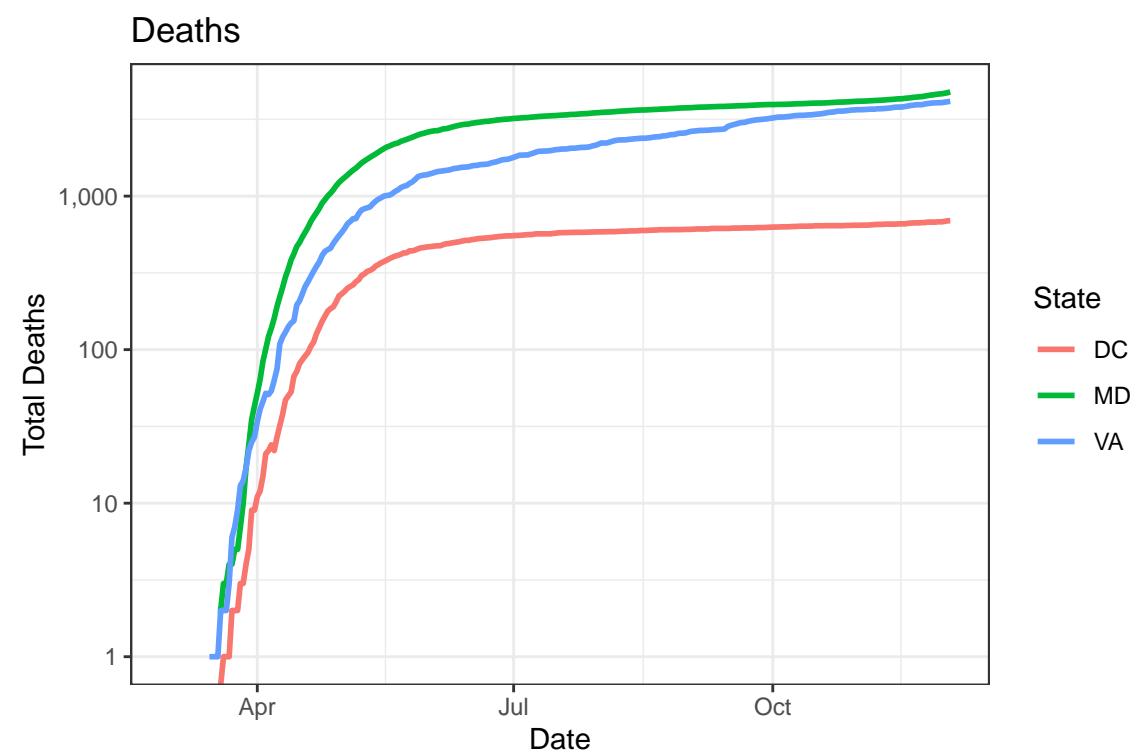
Local Data

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

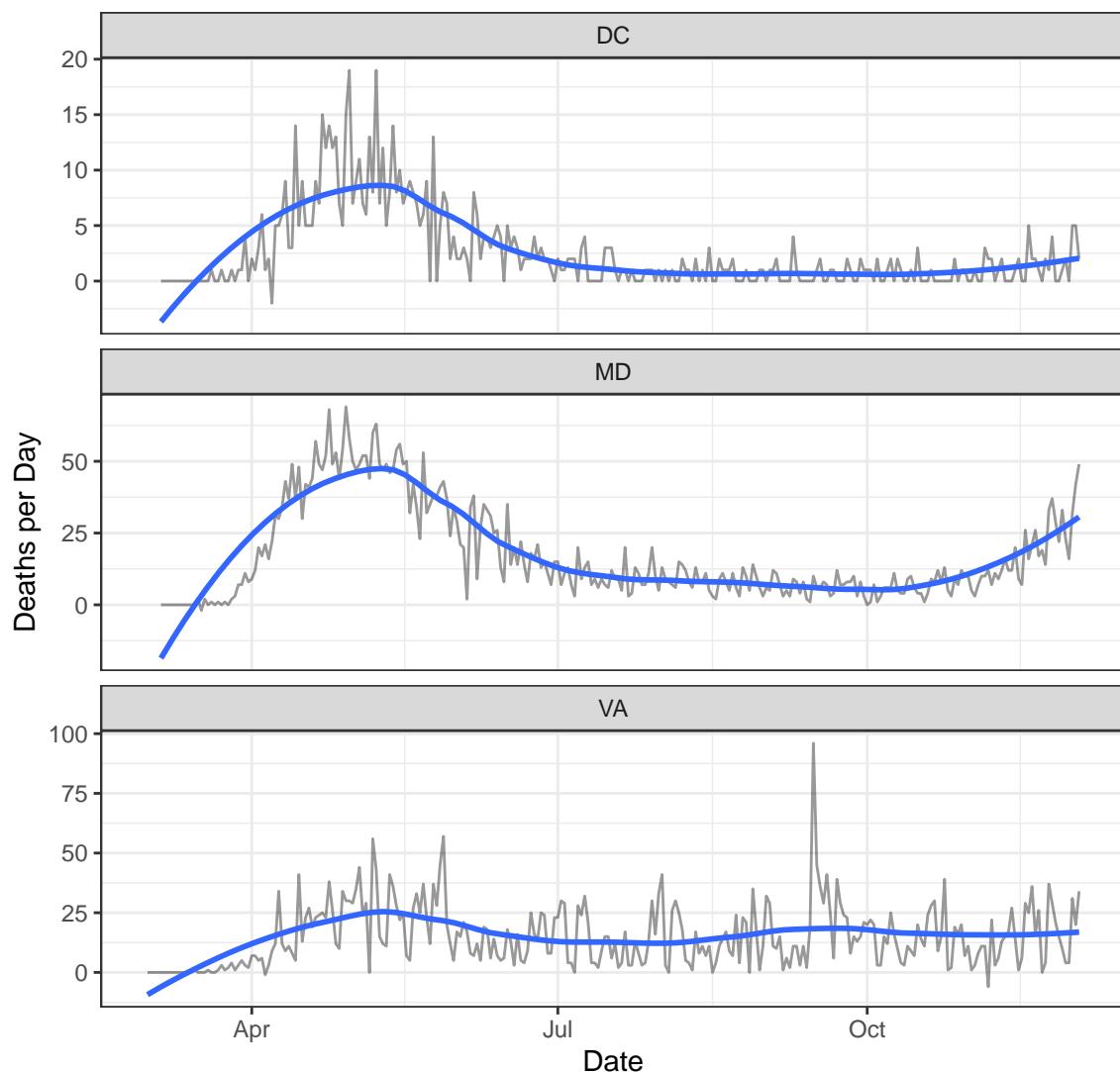
Table 3: Latest Local Data

State	Cases	Deaths	New Cases	New Deaths
DC	22,164	692	322	2
MD	205,399	4,764	2,044	49
VA	244,503	4,147	2,023	34

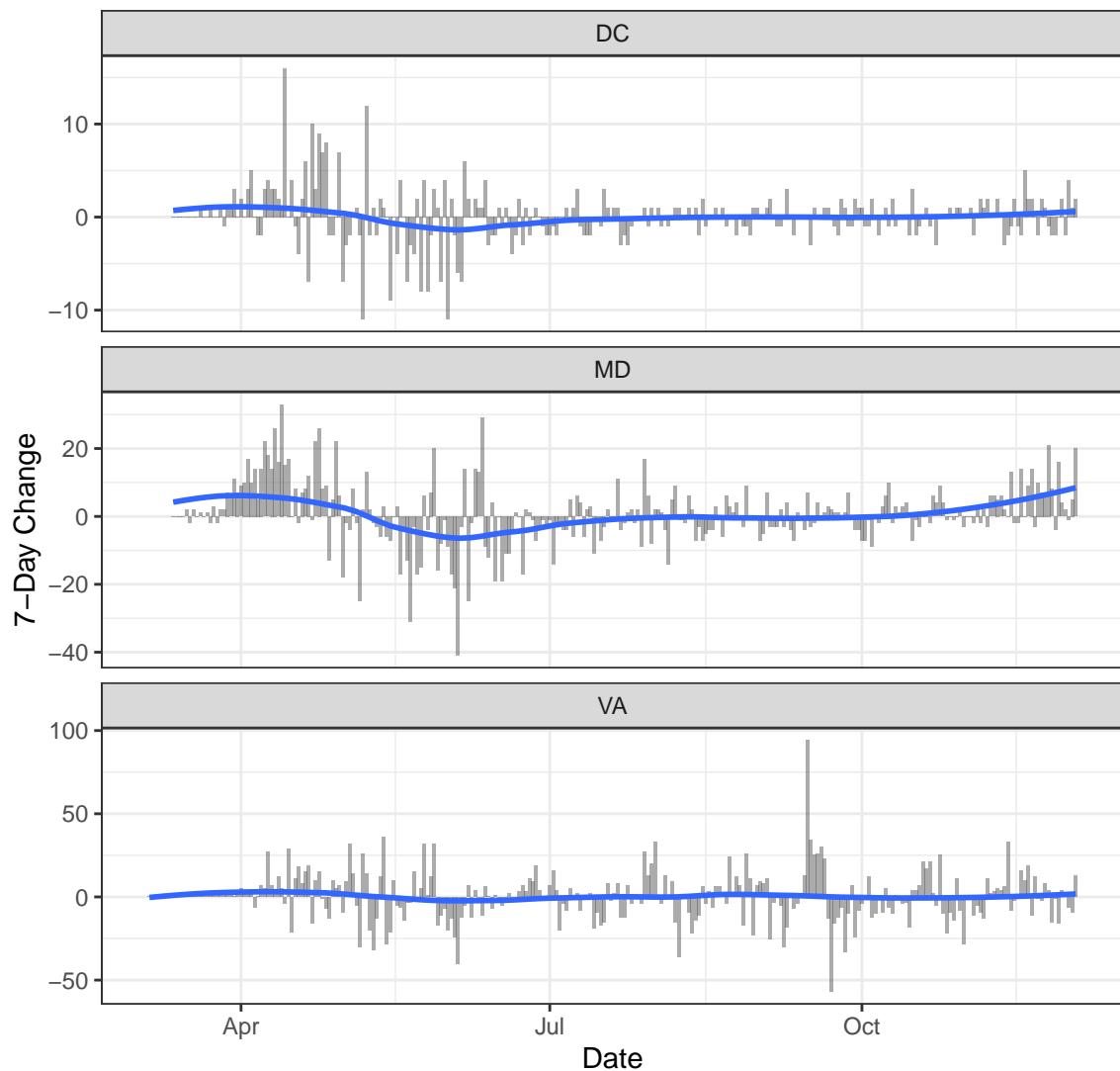
Deaths

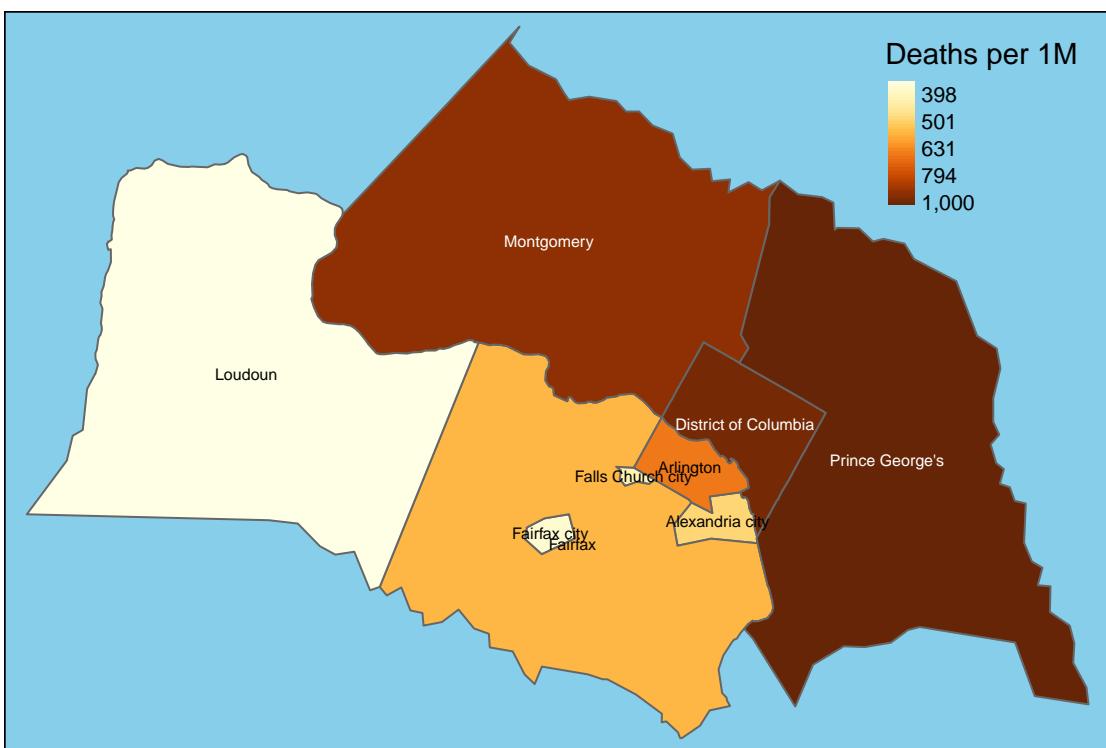
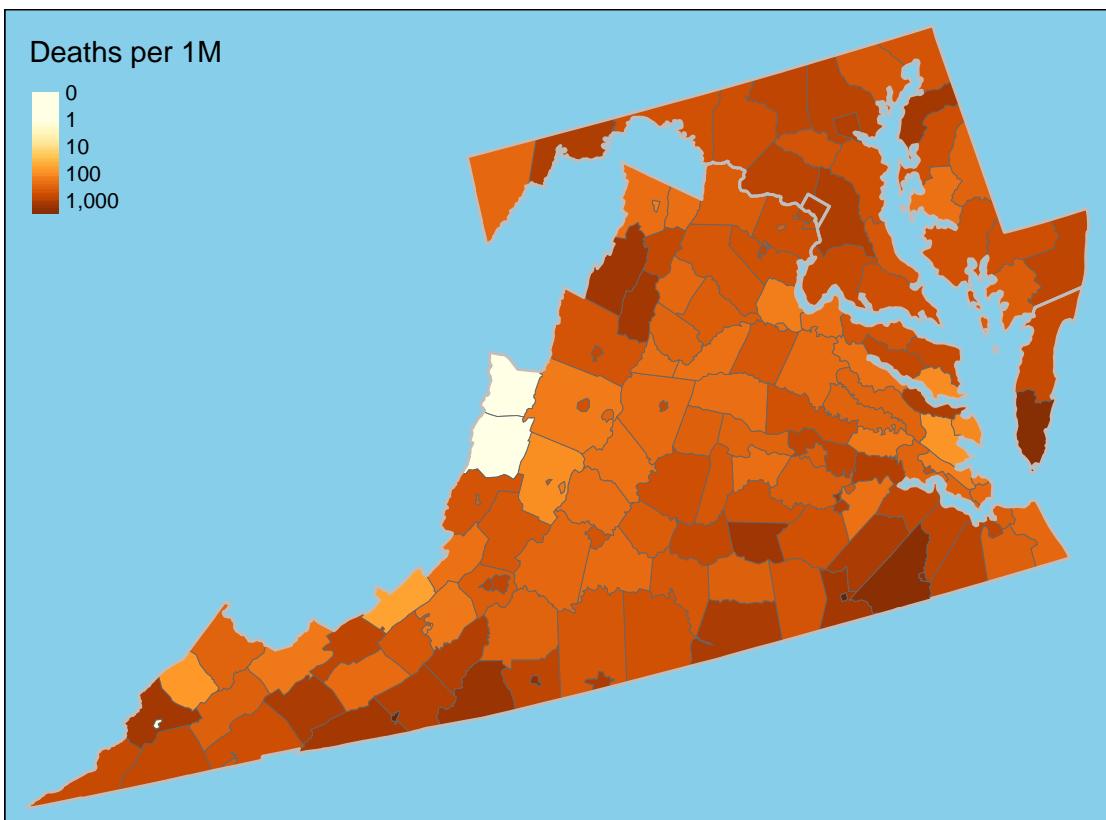


New Deaths

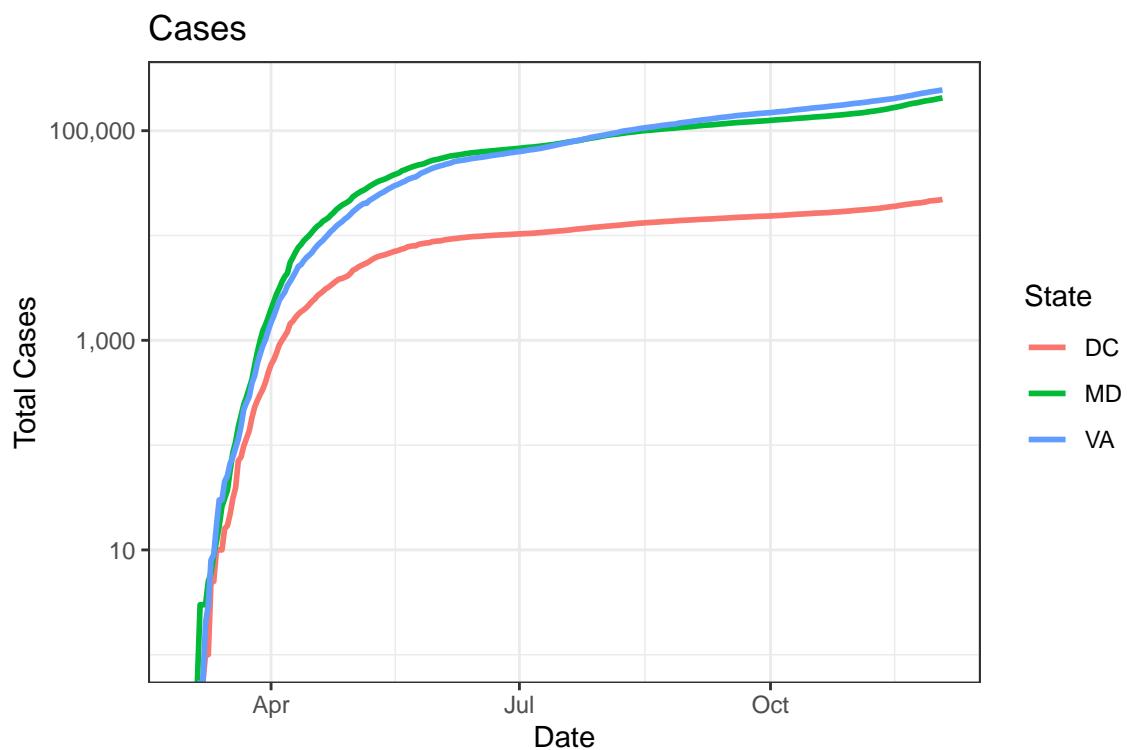


One-Week Change in Daily Deaths

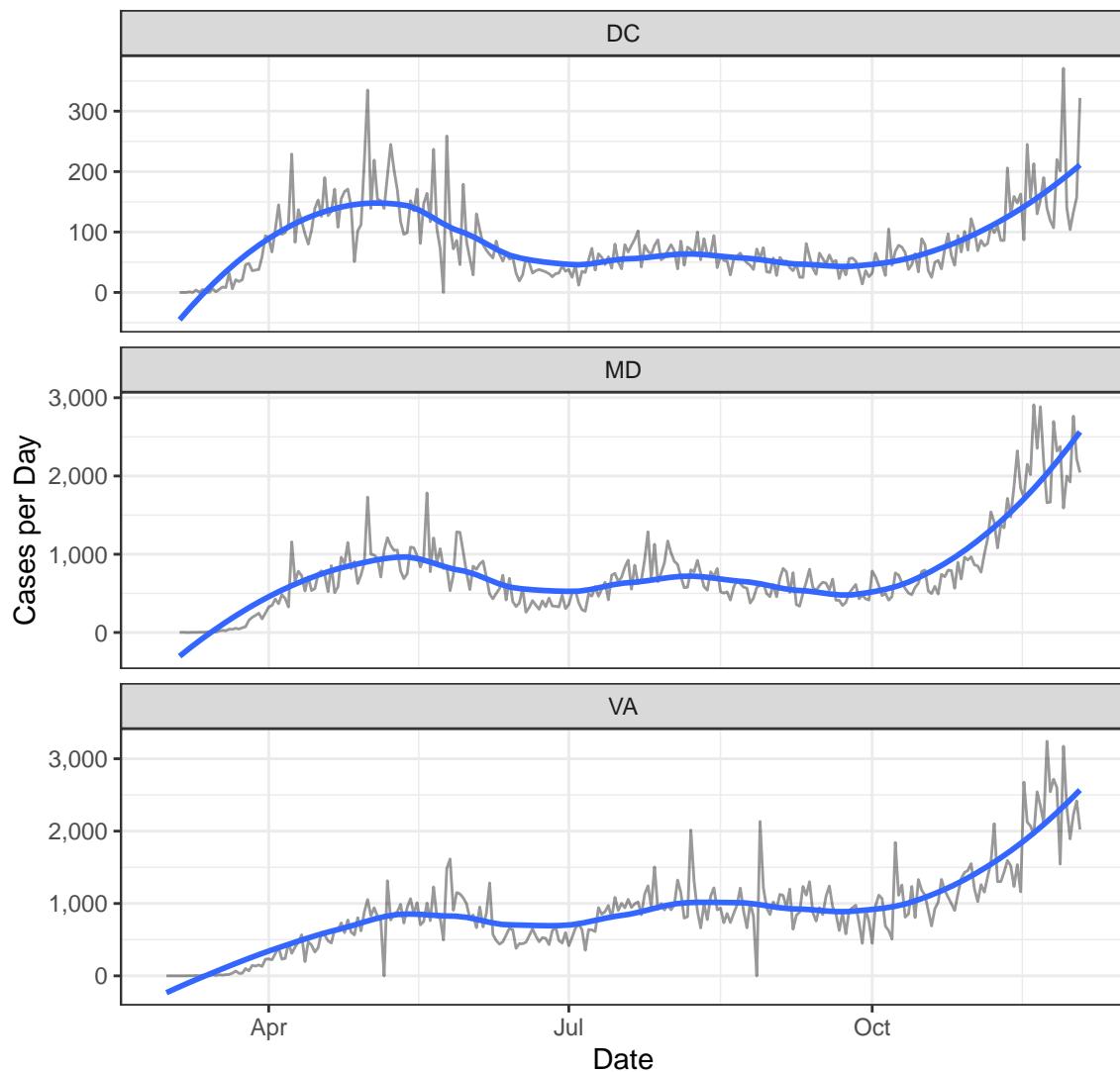




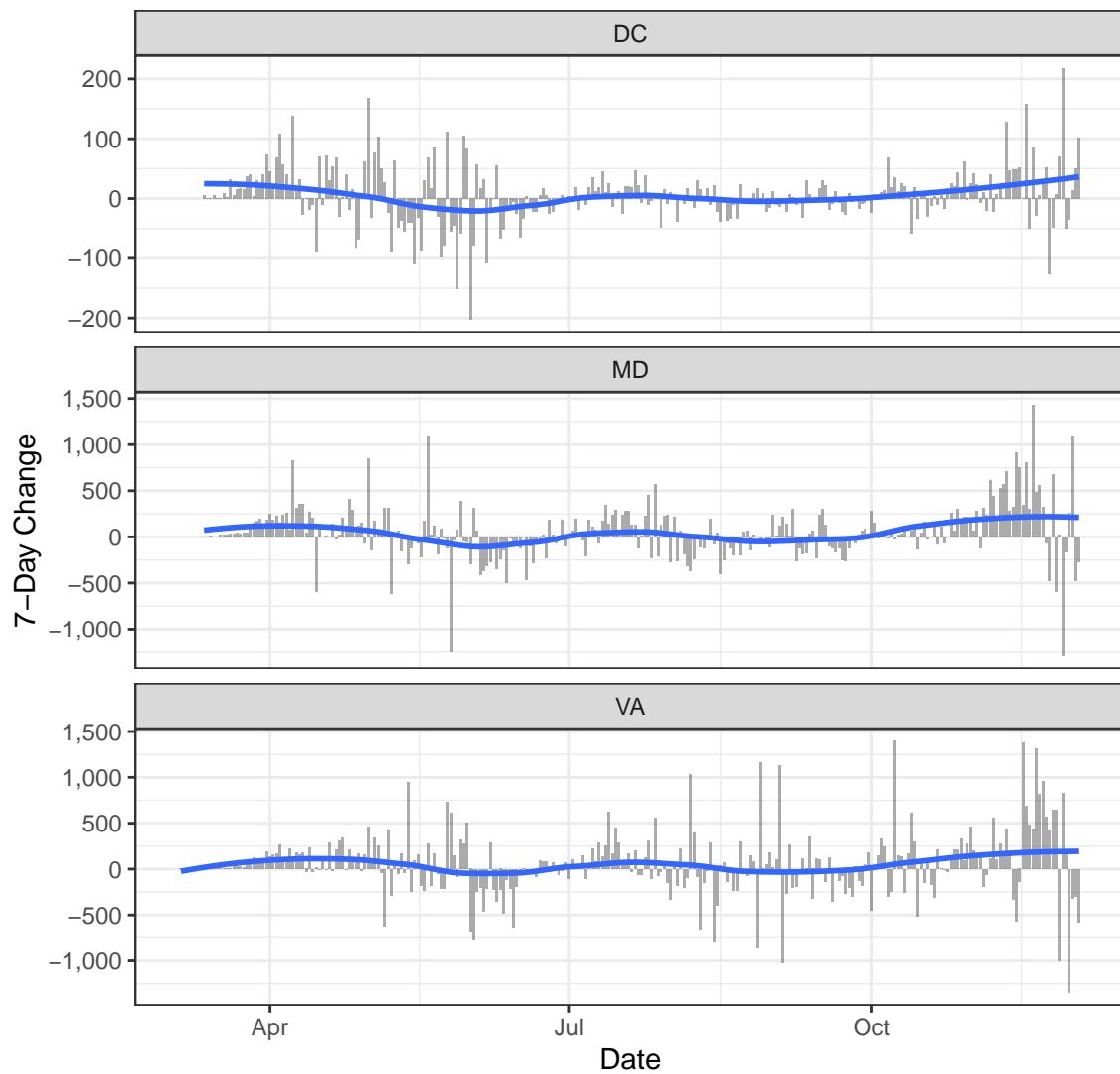
Cases

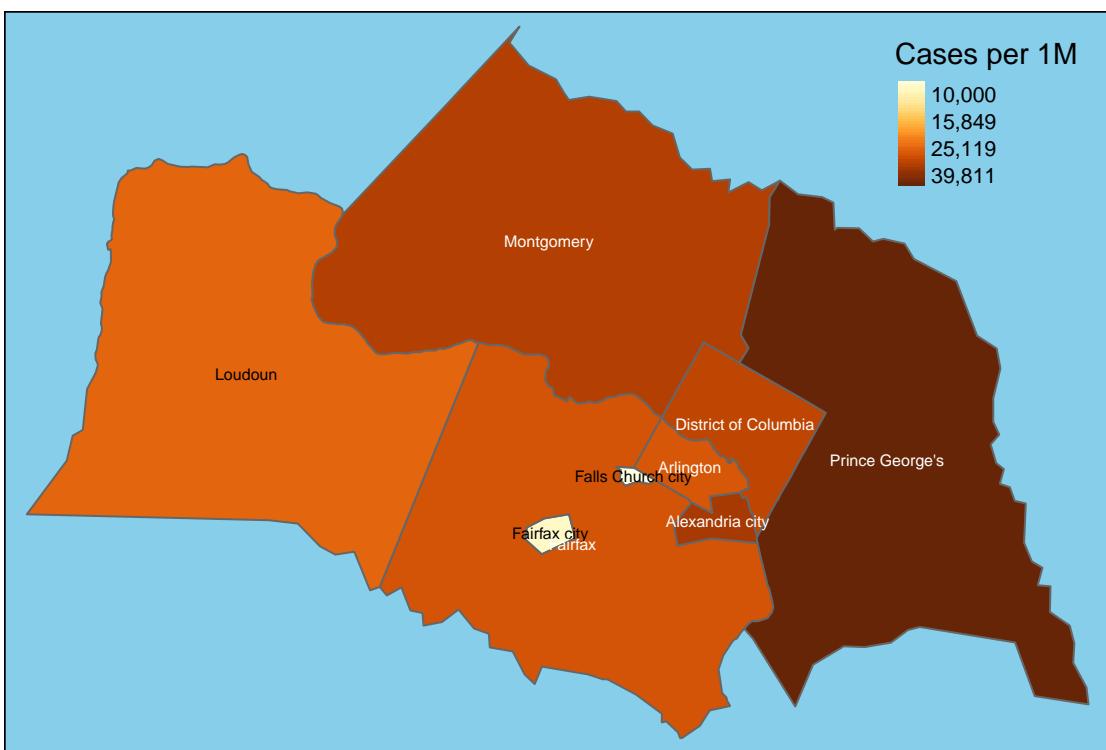
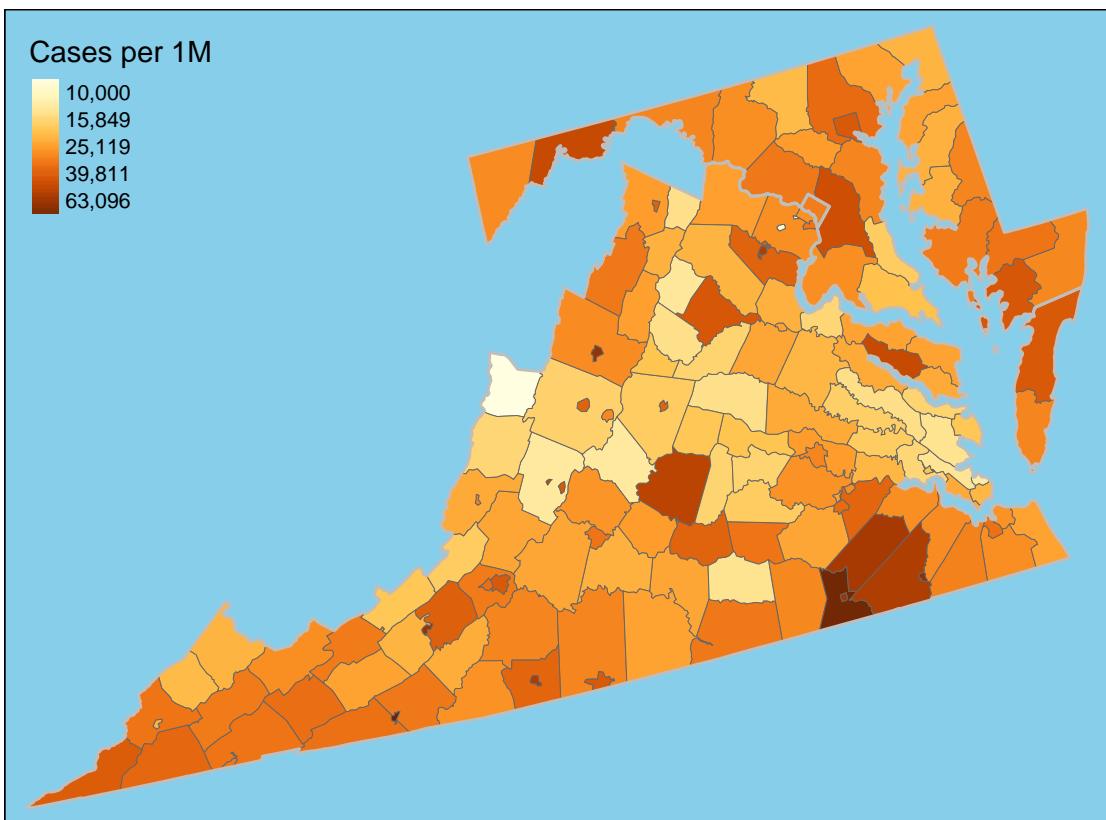


New Cases

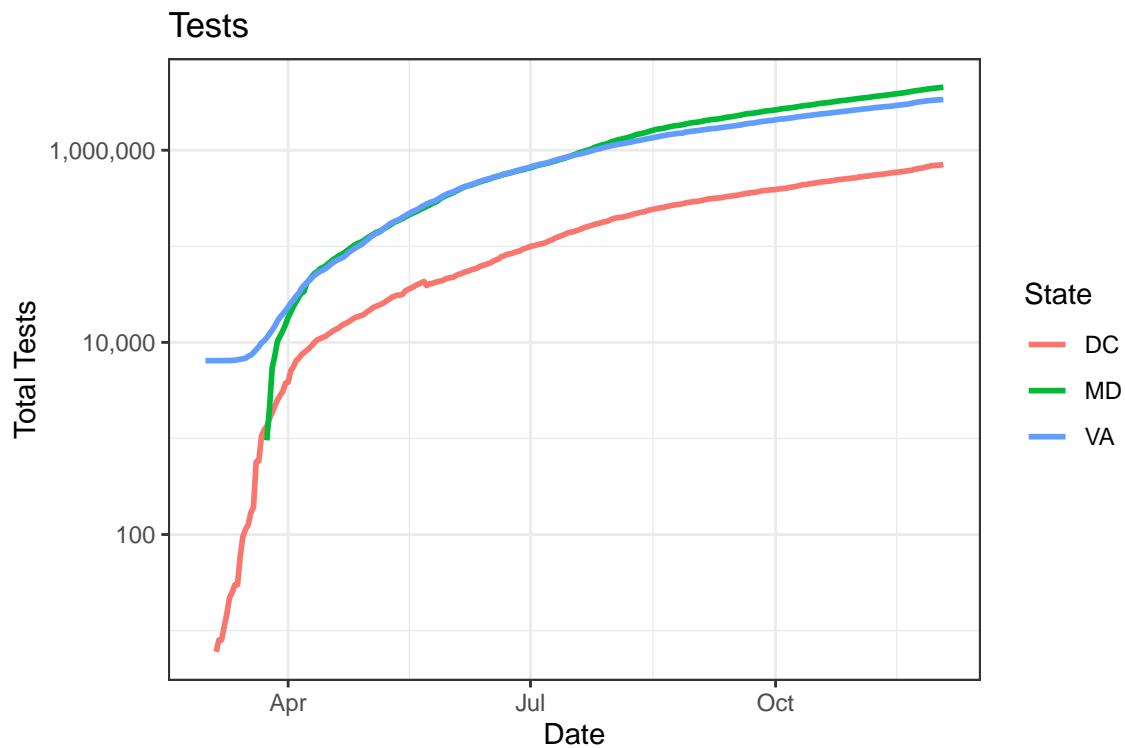


One-Week Change in Daily Cases

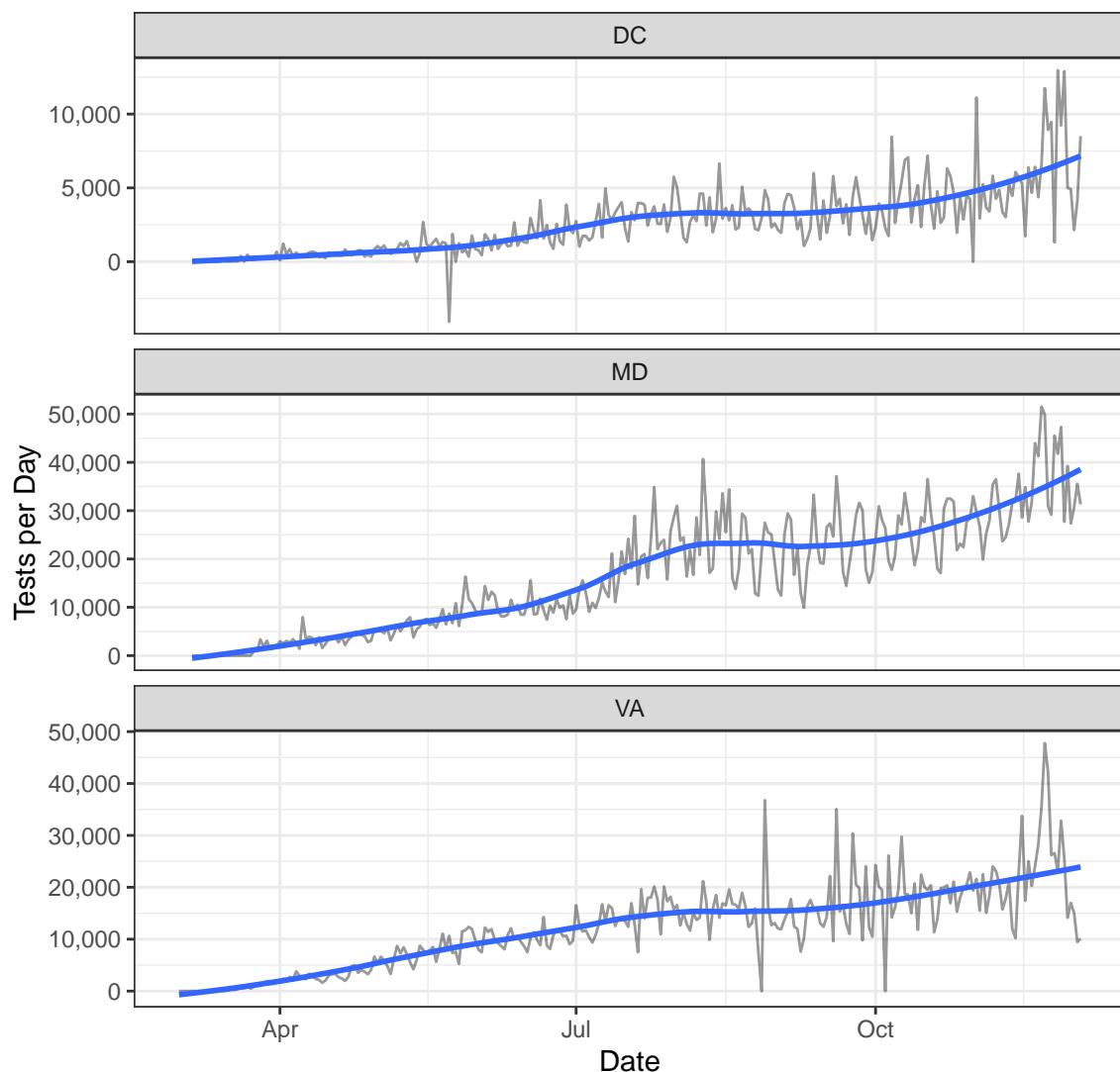




Testing



New Tests



Positive Test Rate

