

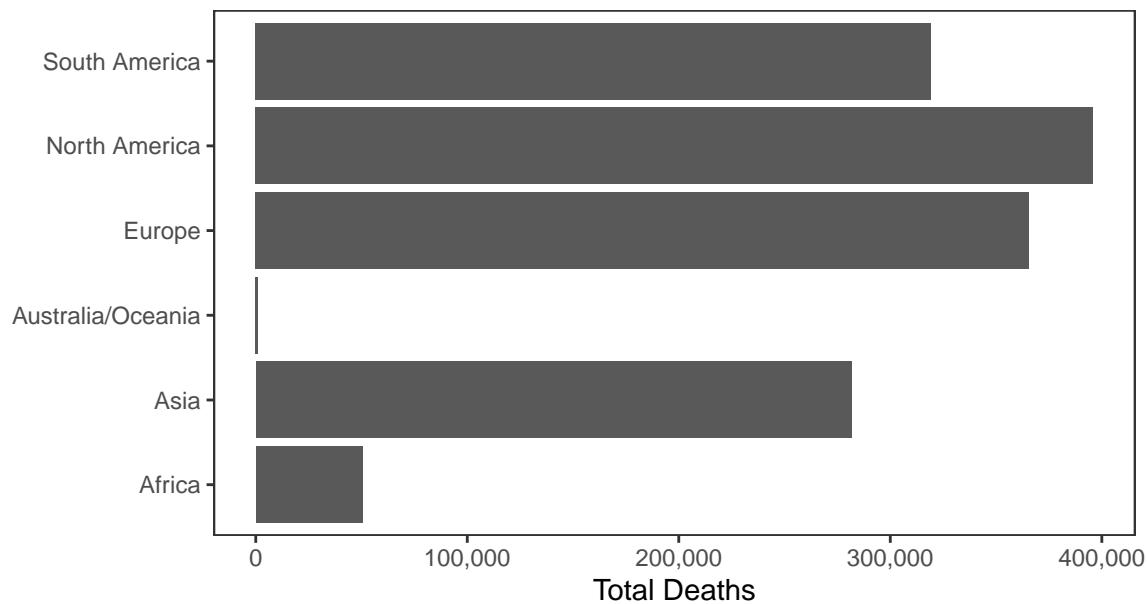
Erik's Covid-19 Chart Pack

Data updated 2020-11-25 08:05:09. 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 60,088,559 confirmed Covid-19 cases and 1,413,802 deaths worldwide.

Deaths



Cases

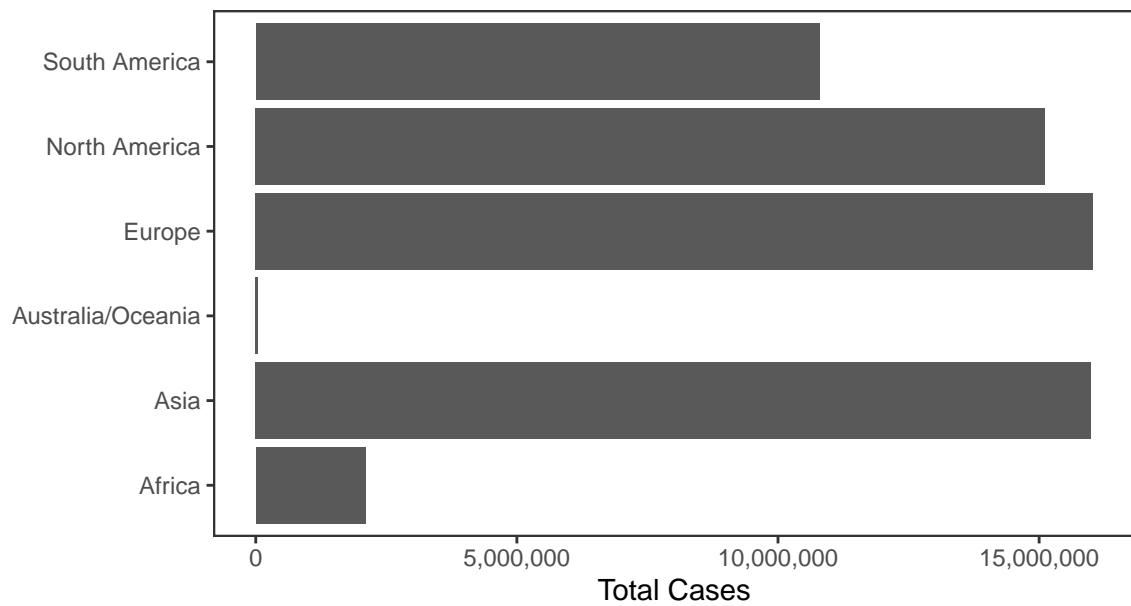
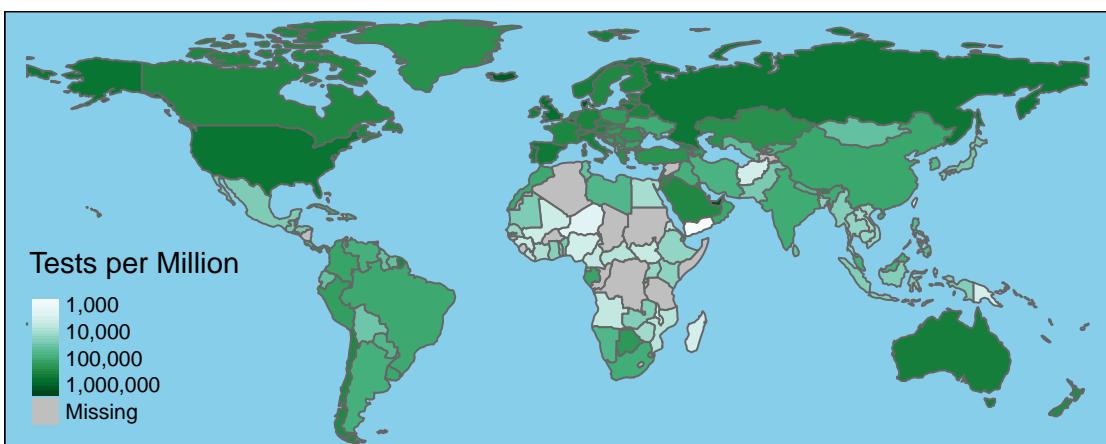
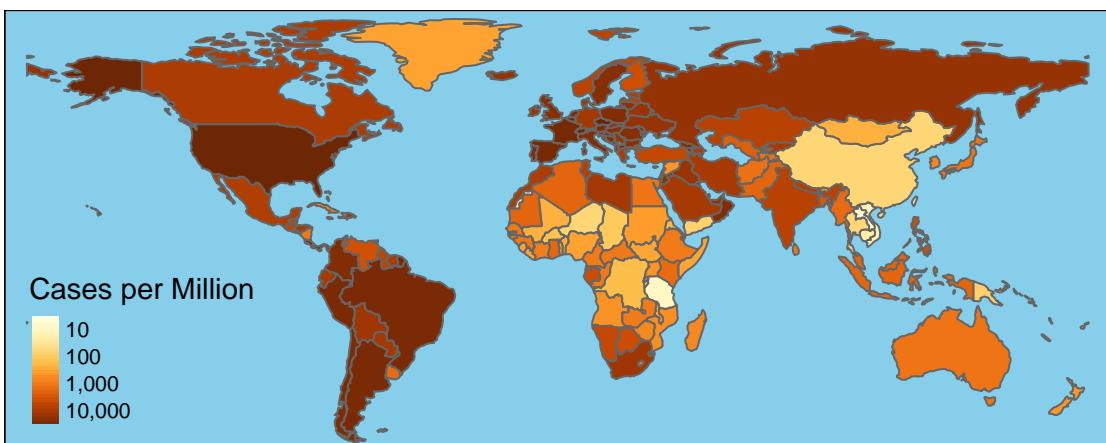
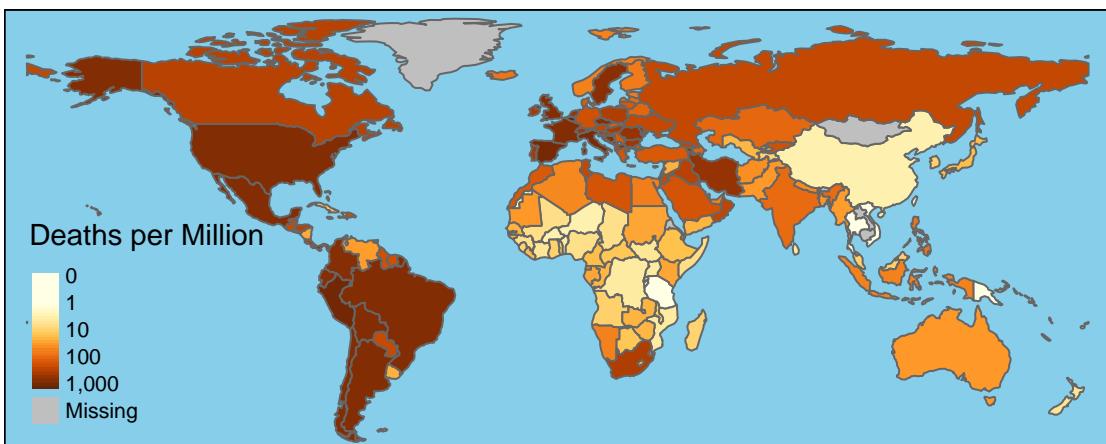


Table 1: Top Countries by Total Cases

Country	Cases	Deaths	New Cases	New Deaths
USA	12,955,145	265,898	175,168	2,194
India	9,221,998	134,743	44,276	489
Brazil	6,121,449	170,179	33,445	638
France	2,153,815	50,237	9,155	592
Russia	2,138,828	37,031	24,326	491
Spain	1,614,126	43,668	7,221	537
UK	1,538,794	55,838	11,299	608
Italy	1,455,022	51,306	23,232	853
Argentina	1,381,795	37,432	7,164	310
Colombia	1,262,494	35,677	7,515	198
Mexico	1,049,358	101,926	7,483	250
Germany	962,906	14,965	16,258	382
Peru	952,439	35,685	1,882	44
Poland	909,060	14,314	10,133	540
Iran	880,542	45,738	13,721	483
South Africa	772,252	21,083	2,493	115
Ukraine	647,976	11,263	12,287	188
Belgium	559,902	15,755	1,123	137
Chile	543,087	15,131	1,007	25
Iraq	539,749	12,031	2,292	35



National Data

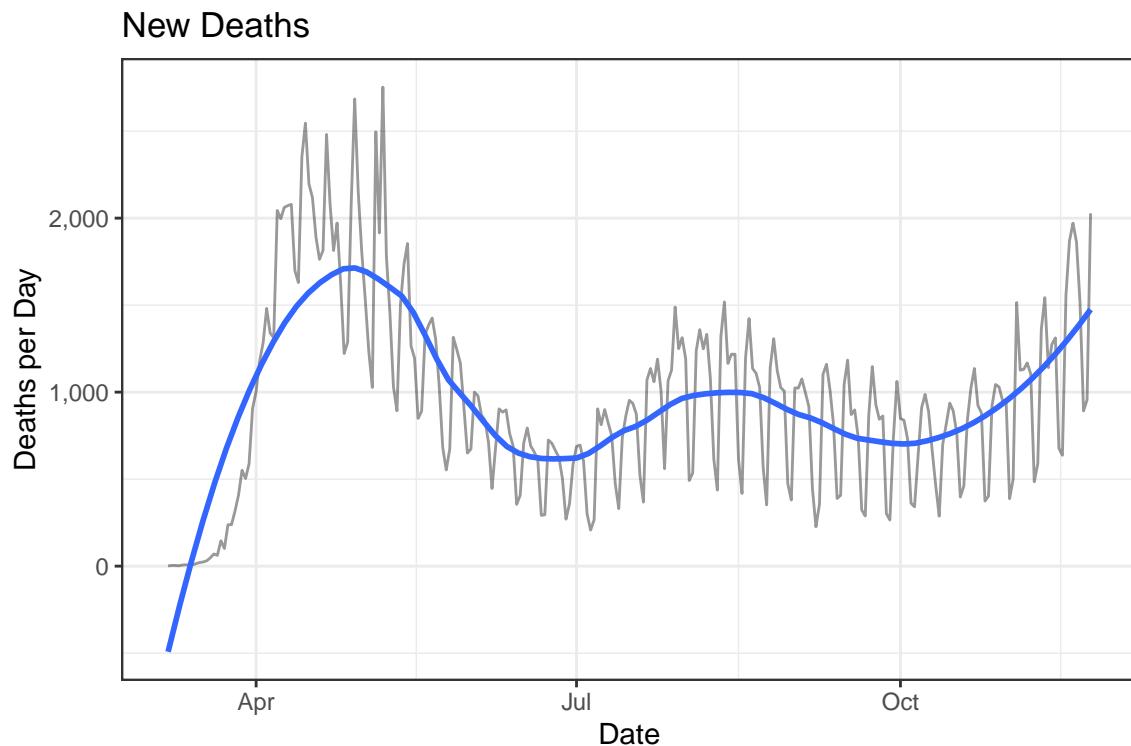
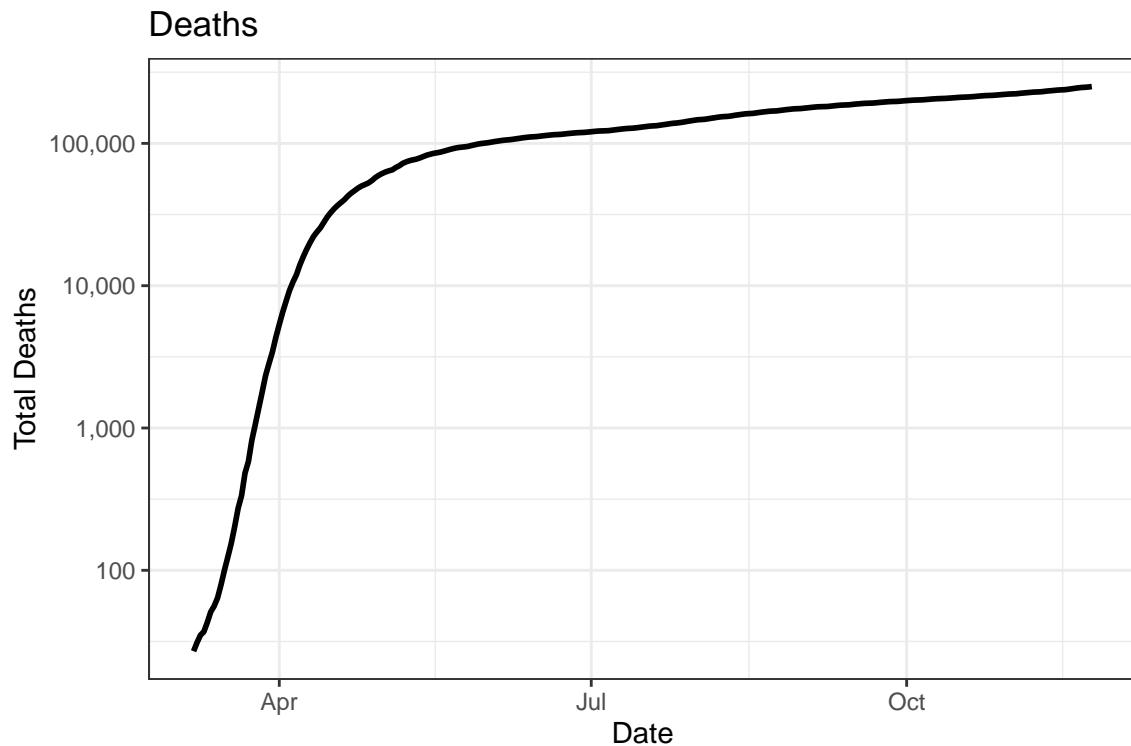
There have been 12,397,144 confirmed Covid-19 cases and 250,925 deaths in the United States.

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

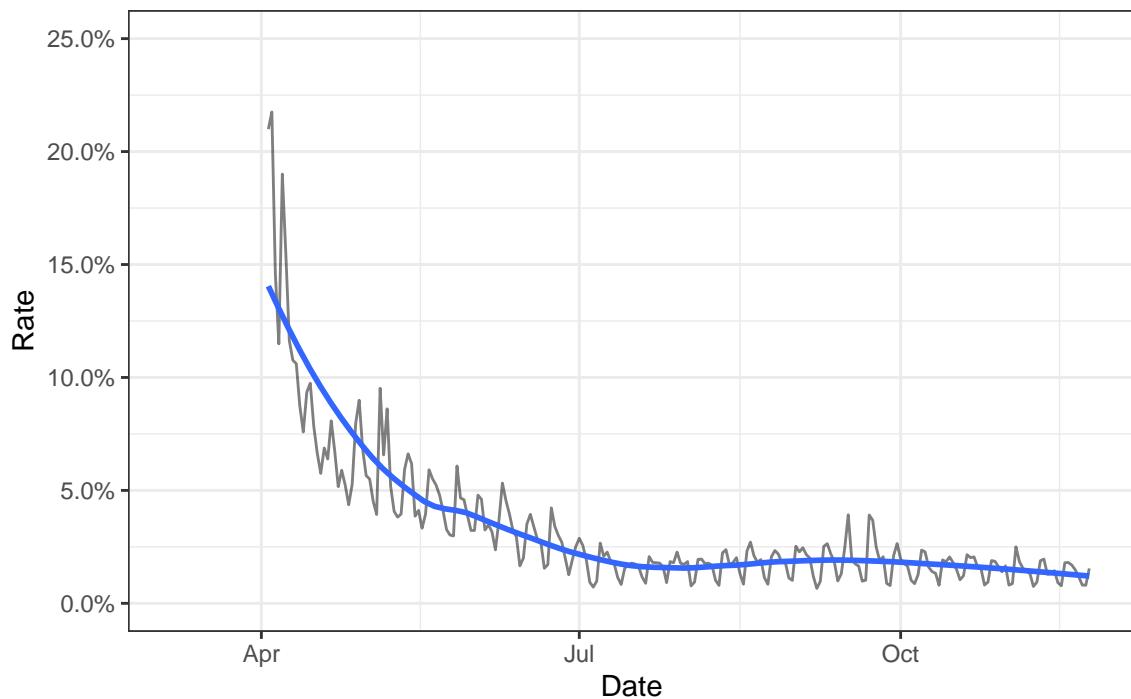
Date	Cases	Deaths	New Cases	New Deaths
2020-11-24	12,397,144	250,925	166,672	2,028
2020-11-23	12,230,472	248,897	150,975	956
2020-11-22	12,079,497	247,941	150,836	892
2020-11-21	11,928,661	247,049	179,714	1,512
2020-11-20	11,748,947	245,537	192,805	1,862
2020-11-19	11,556,142	243,675	182,832	1,971
2020-11-18	11,373,310	241,704	163,975	1,869
2020-11-17	11,209,335	239,835	156,722	1,555
2020-11-16	11,052,613	238,280	148,868	637
2020-11-15	10,903,745	237,643	144,434	677
2020-11-14	10,759,311	236,966	163,540	1,312
2020-11-13	10,595,771	235,654	172,106	1,275
2020-11-12	10,423,665	234,379	152,003	1,141
2020-11-11	10,271,662	233,238	144,801	1,543

Deaths

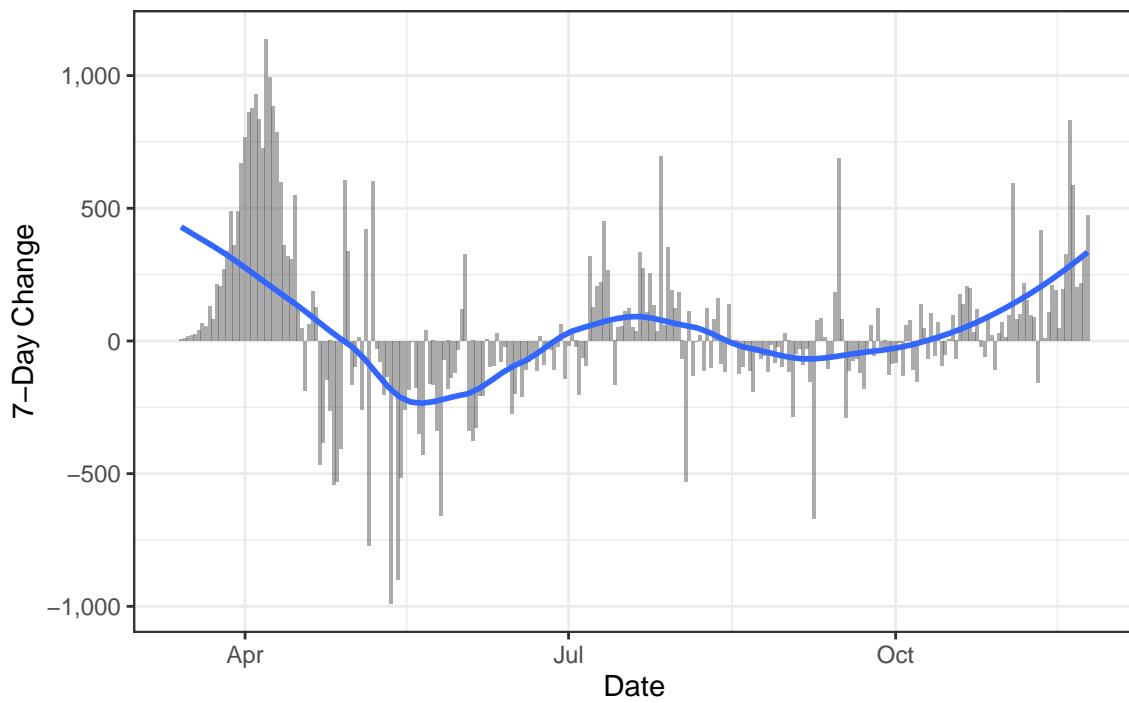
Because the effects of the virus can take several weeks to manifest in patients, deaths are a lagging indicator of contagion, but they may be a more reliable than case counts, which are a function of both the prevalence of the disease and the rate of testing. The case mortality rate is a very crude indicator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

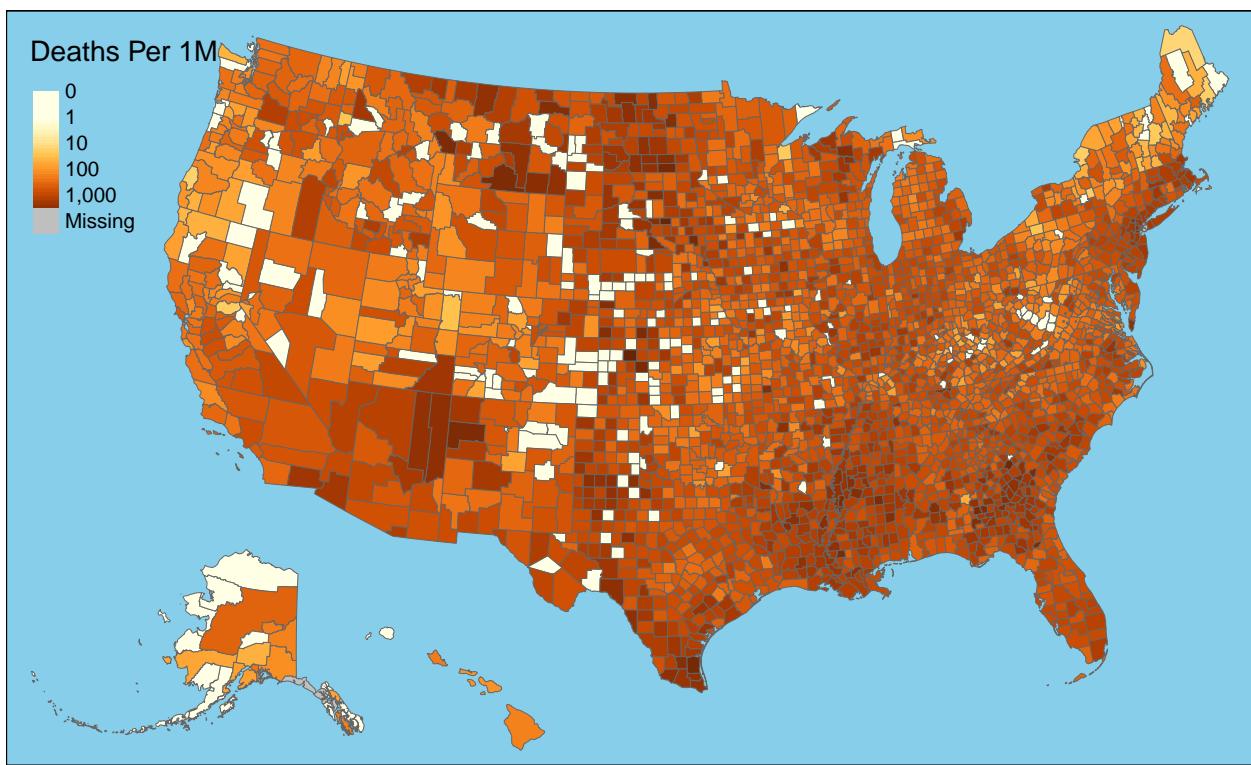


Daily Case Mortality Rate



One-Week Change in Daily Deaths

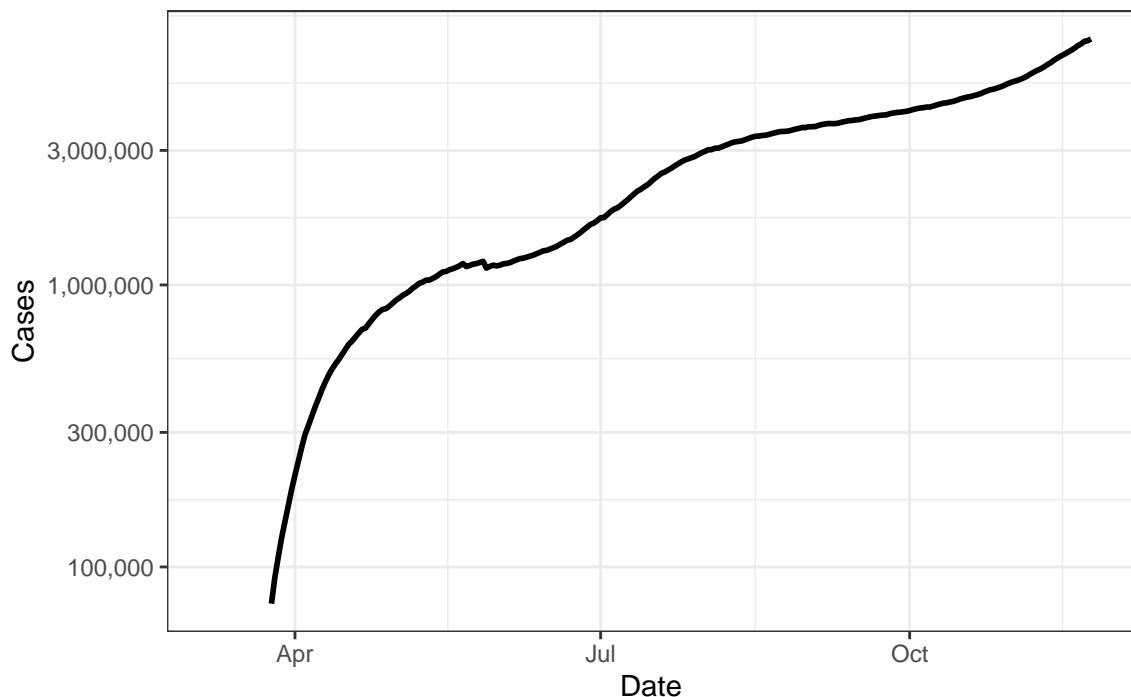




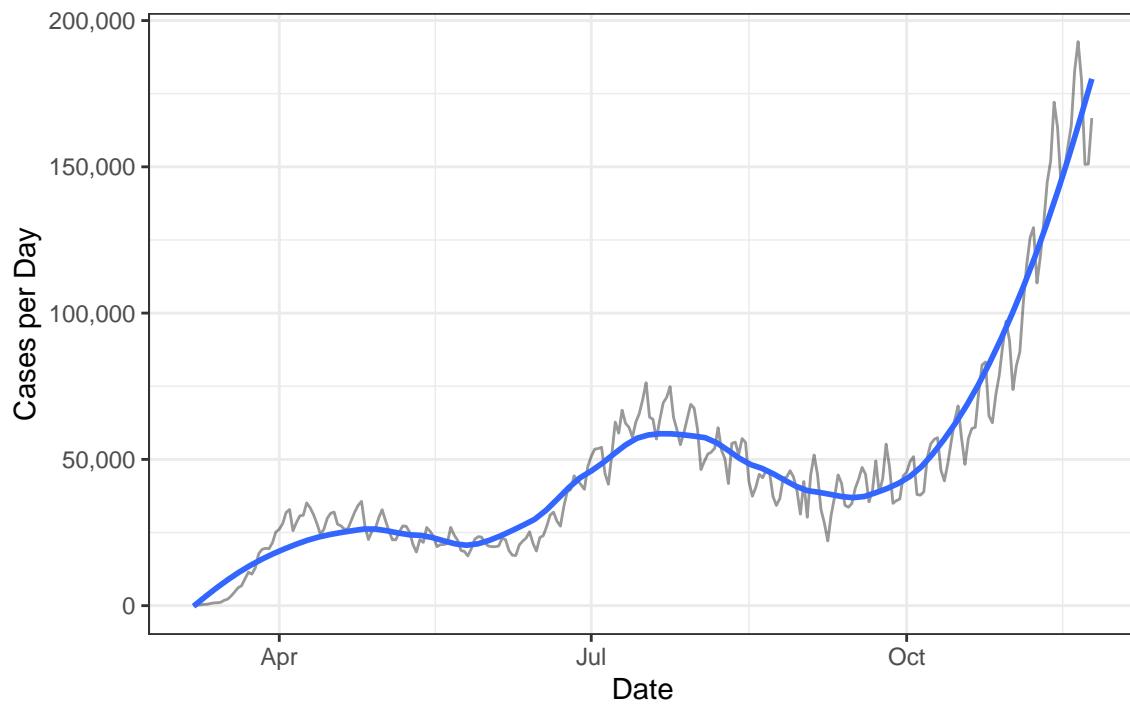
Cases

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

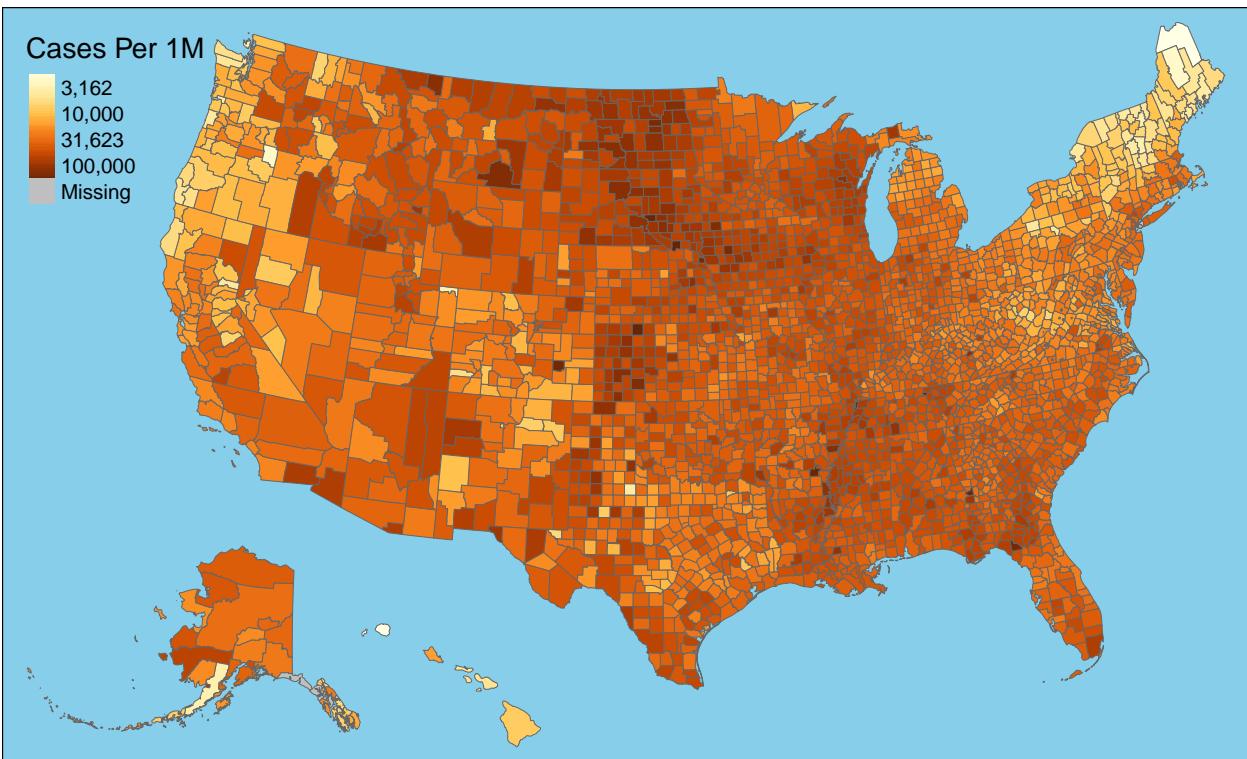
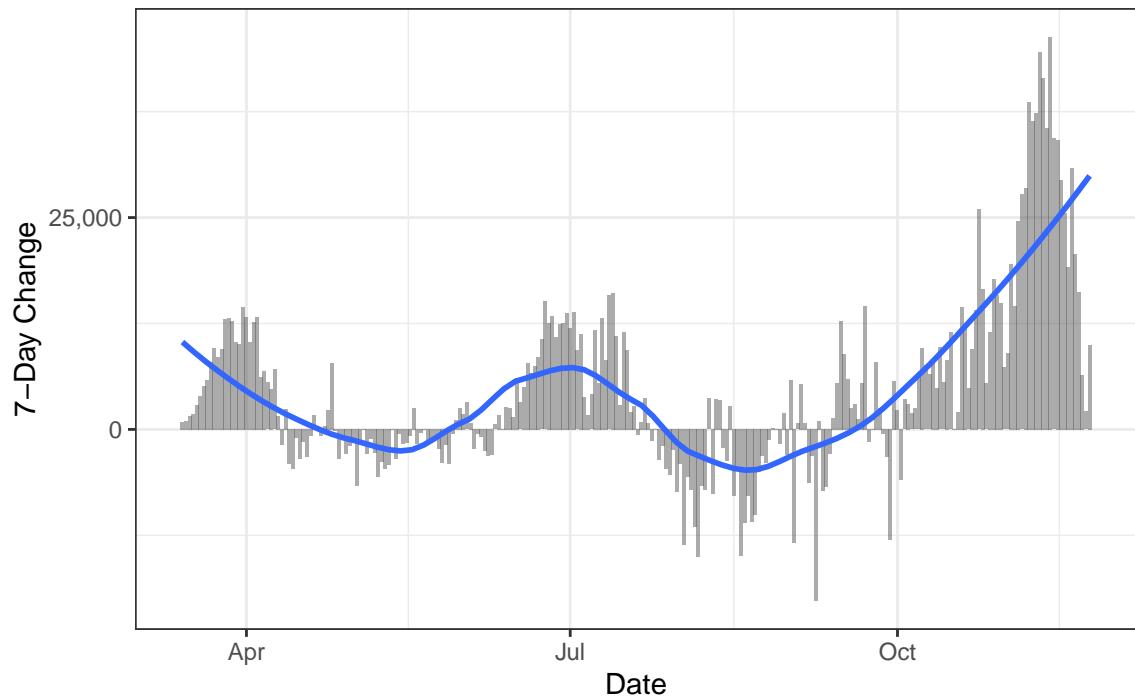
Active Cases



New Cases

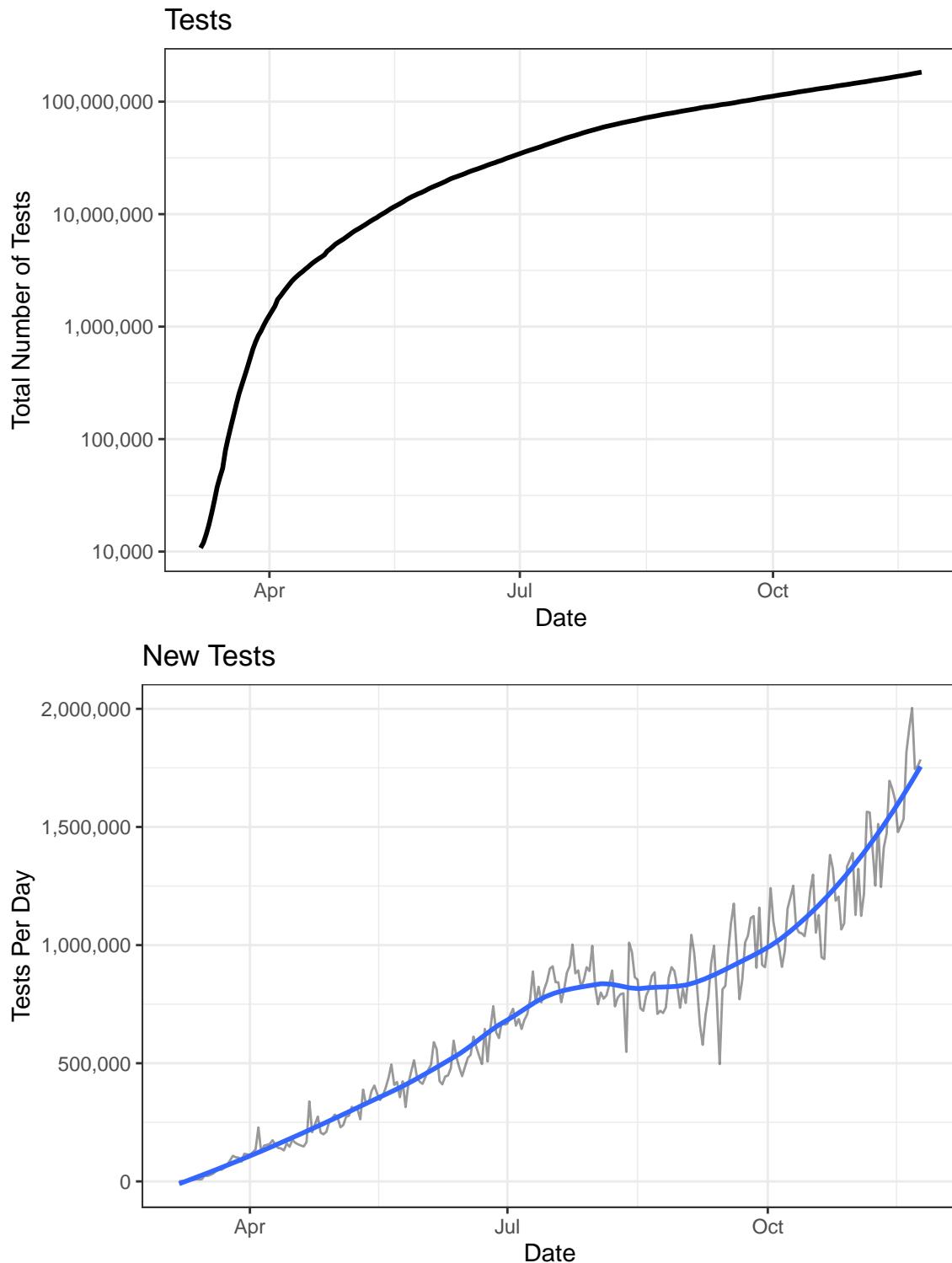


One-Week Change in Daily Cases

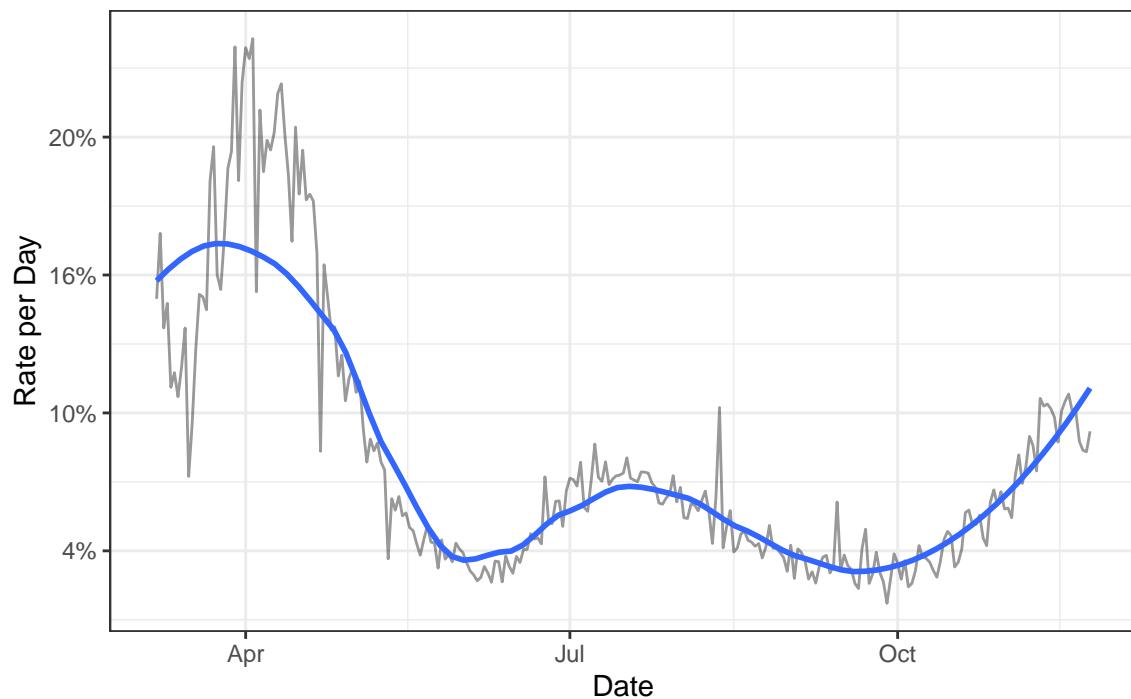


Testing

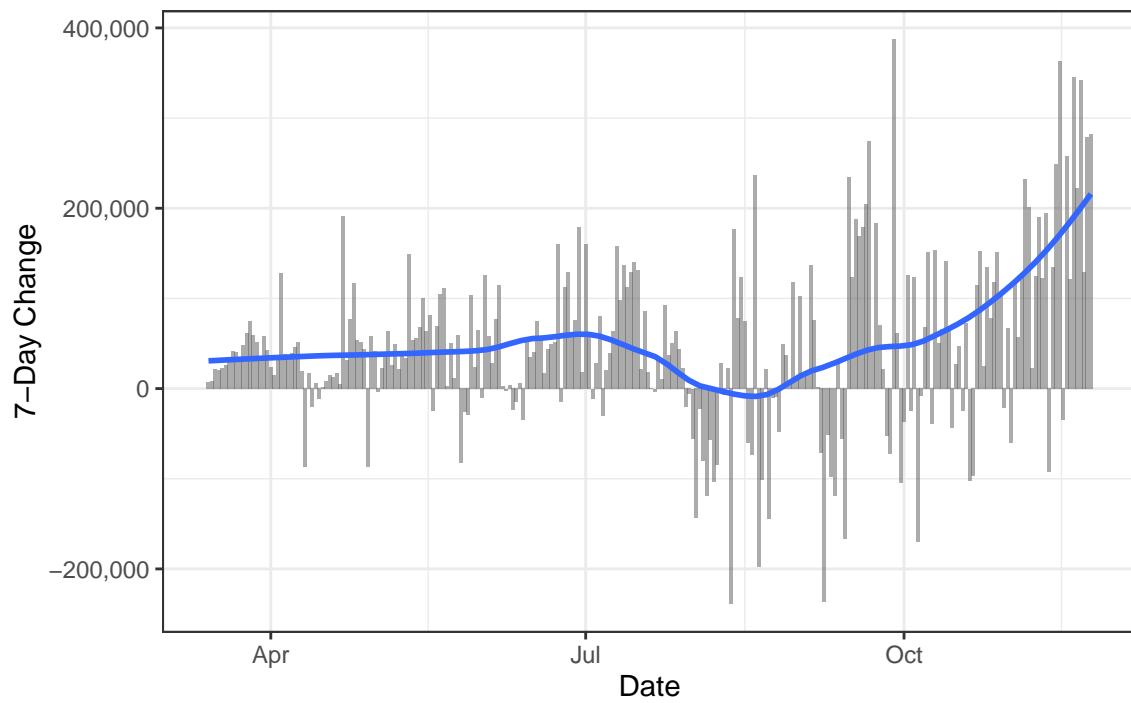
Widespread testing is necessary for managing the spread of the disease. The following charts show how testing in the United States has changed over time. When the supply of available tests is limited, they are typically only used for patients whose symptoms suggest they are likely to have contracted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



Positive Test Rate



One-Week Change in Daily Tests

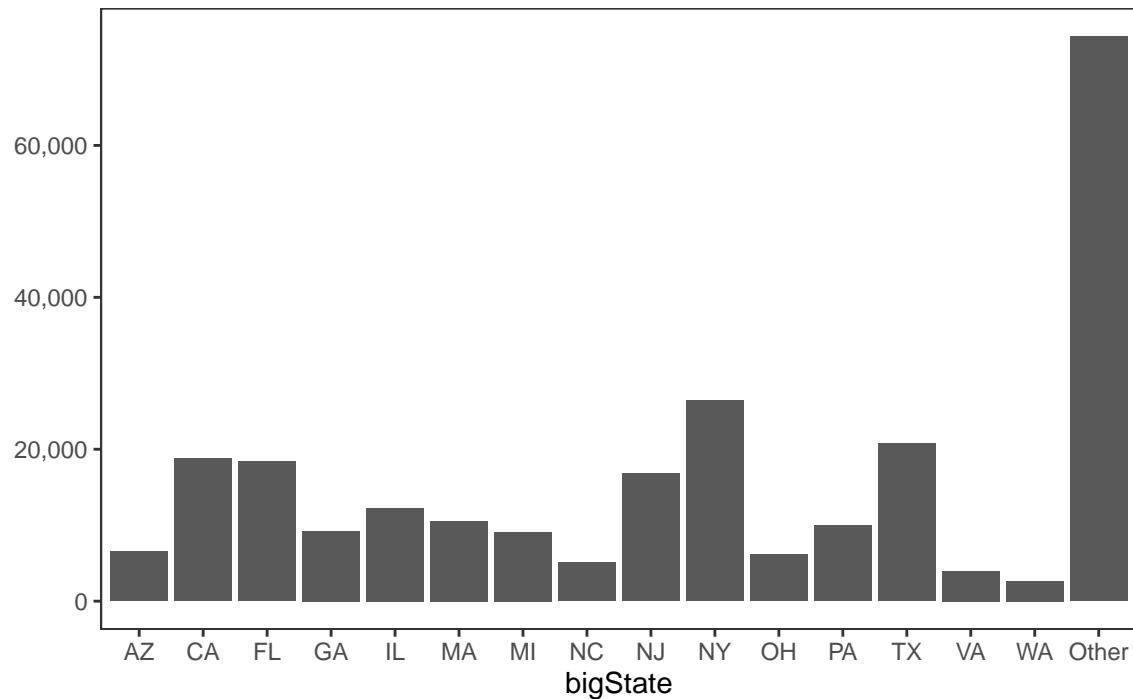


State Data

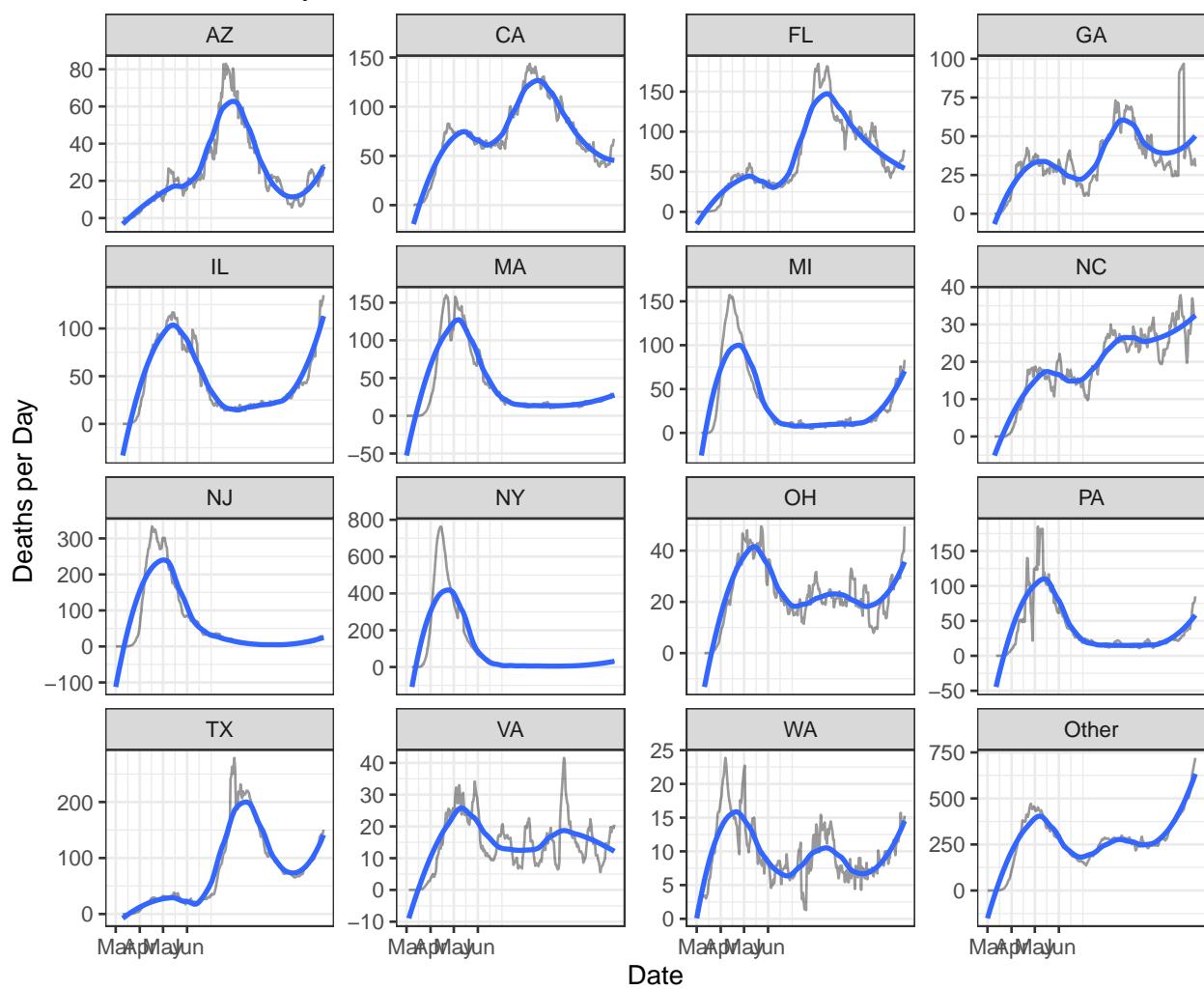
This section summarizes state-level data. Most data are reported for the largest 15 states by population, which account for NaN percent of the total U.S. population.

Deaths

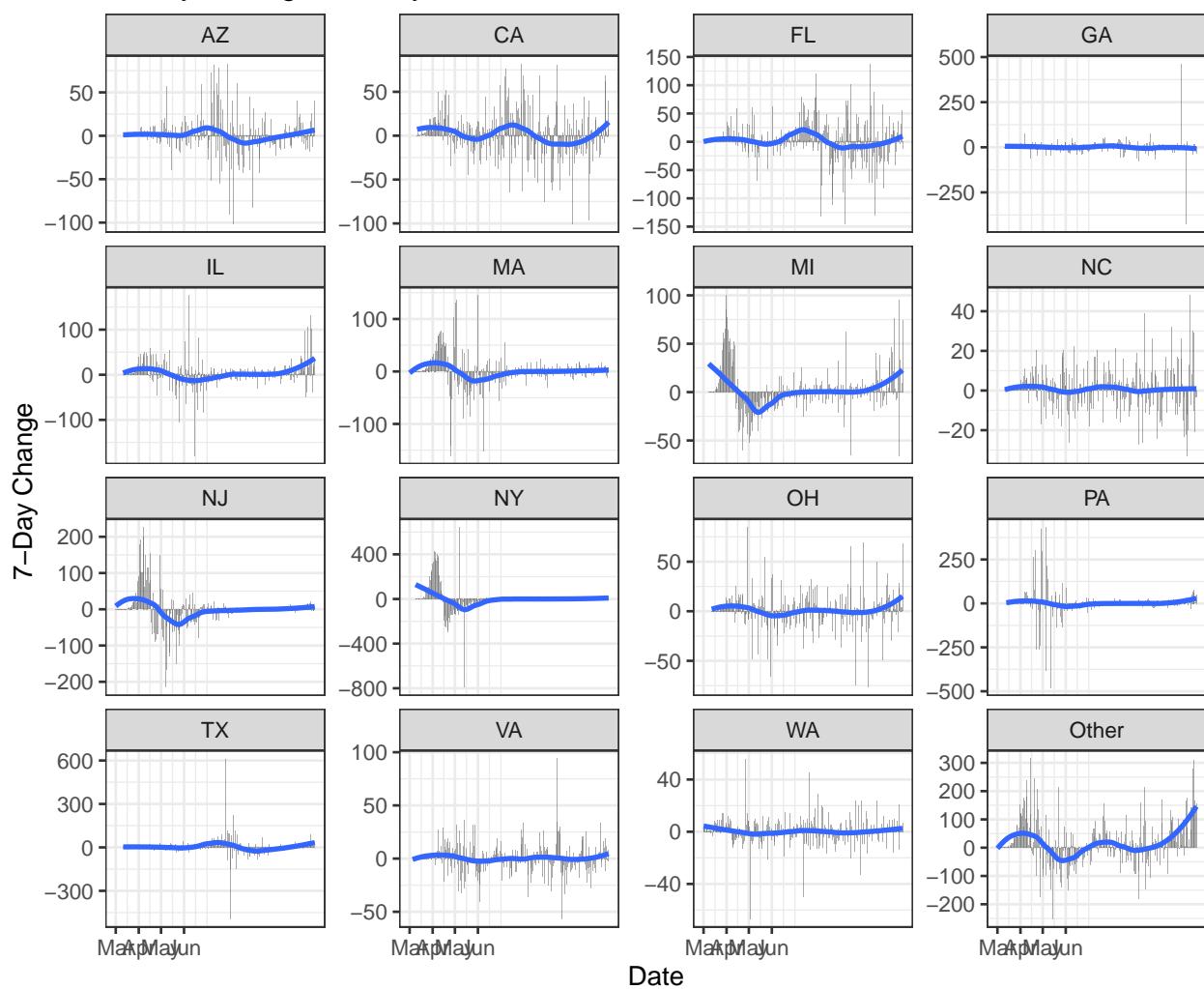
Deaths by State

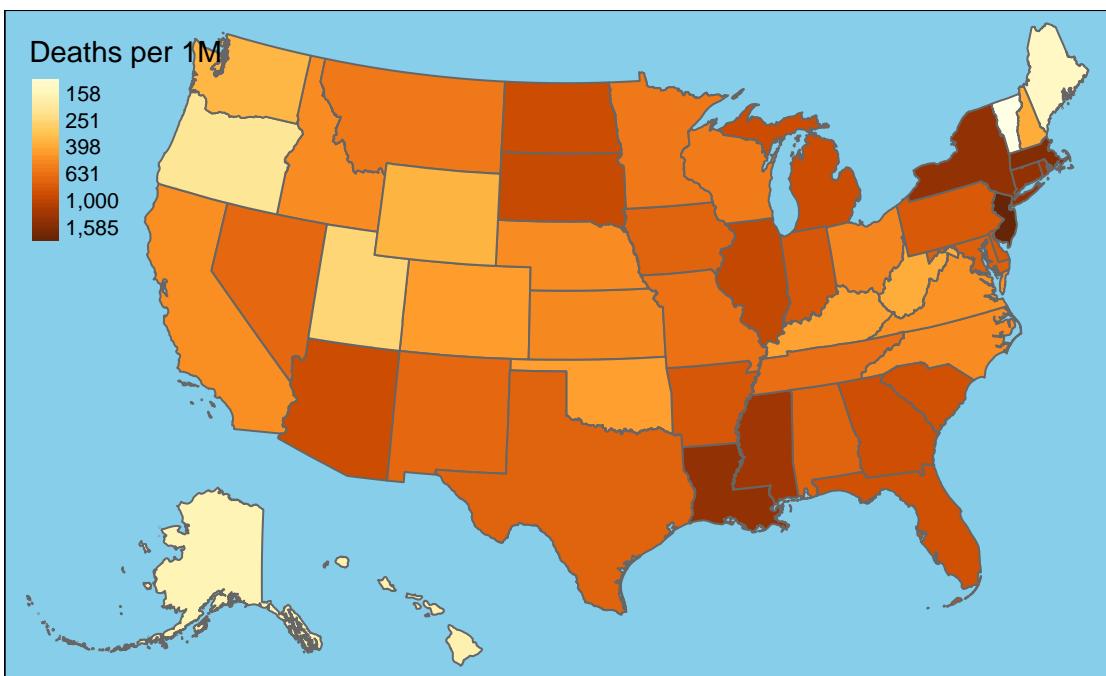
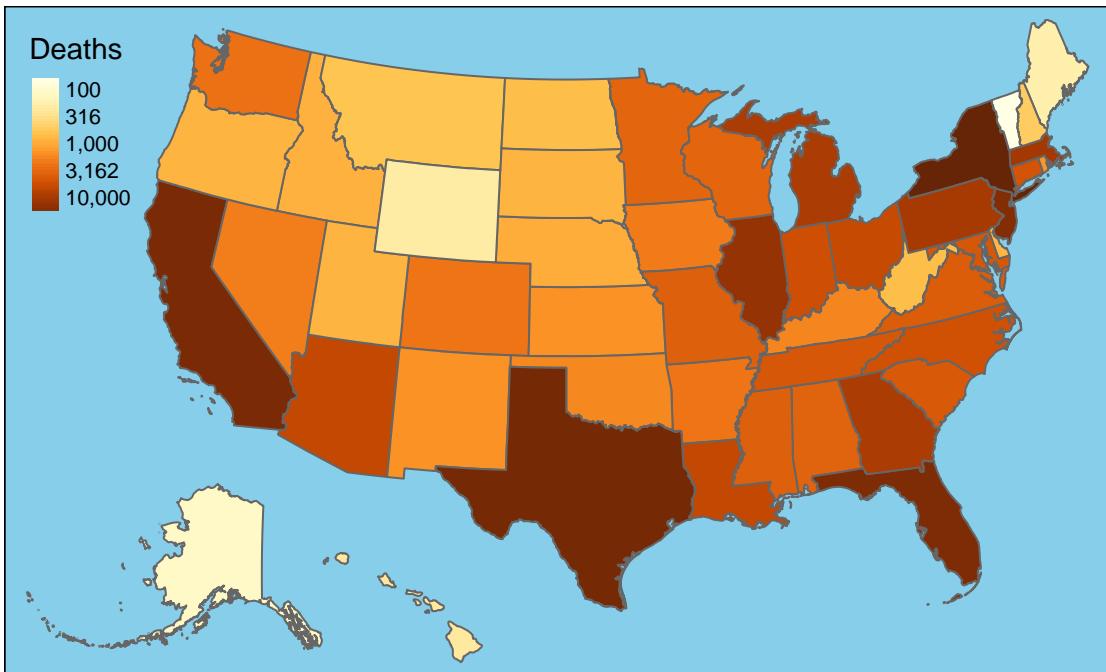


New Deaths by State



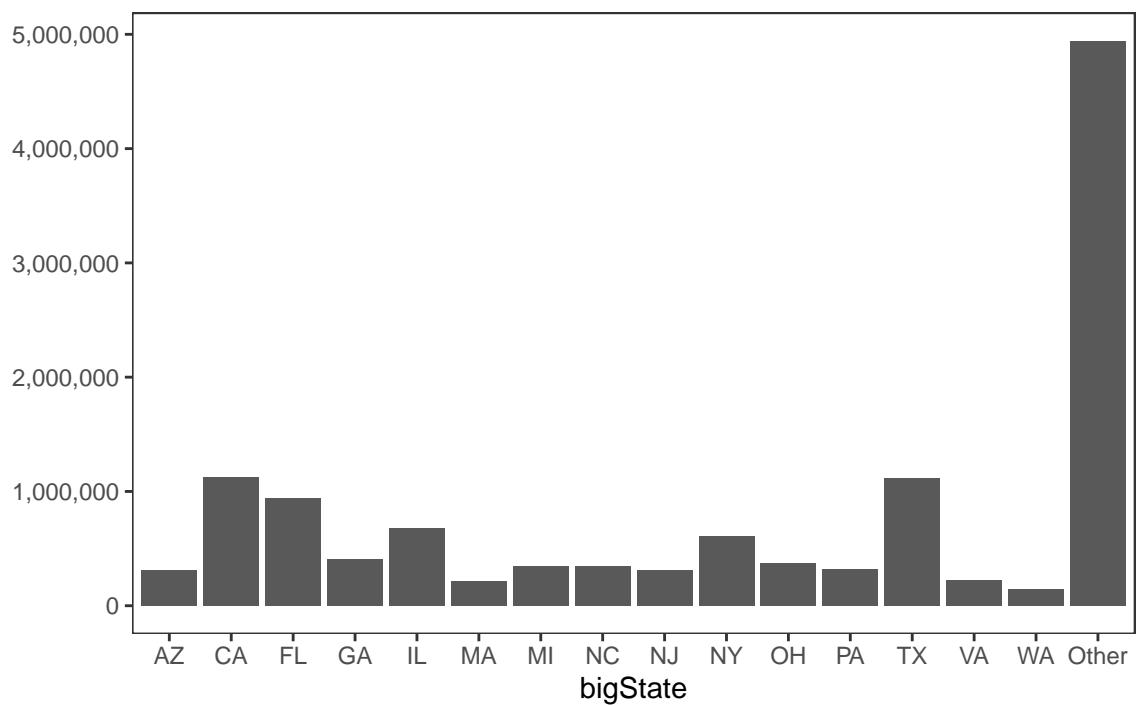
7-Day Change in Daily Deaths



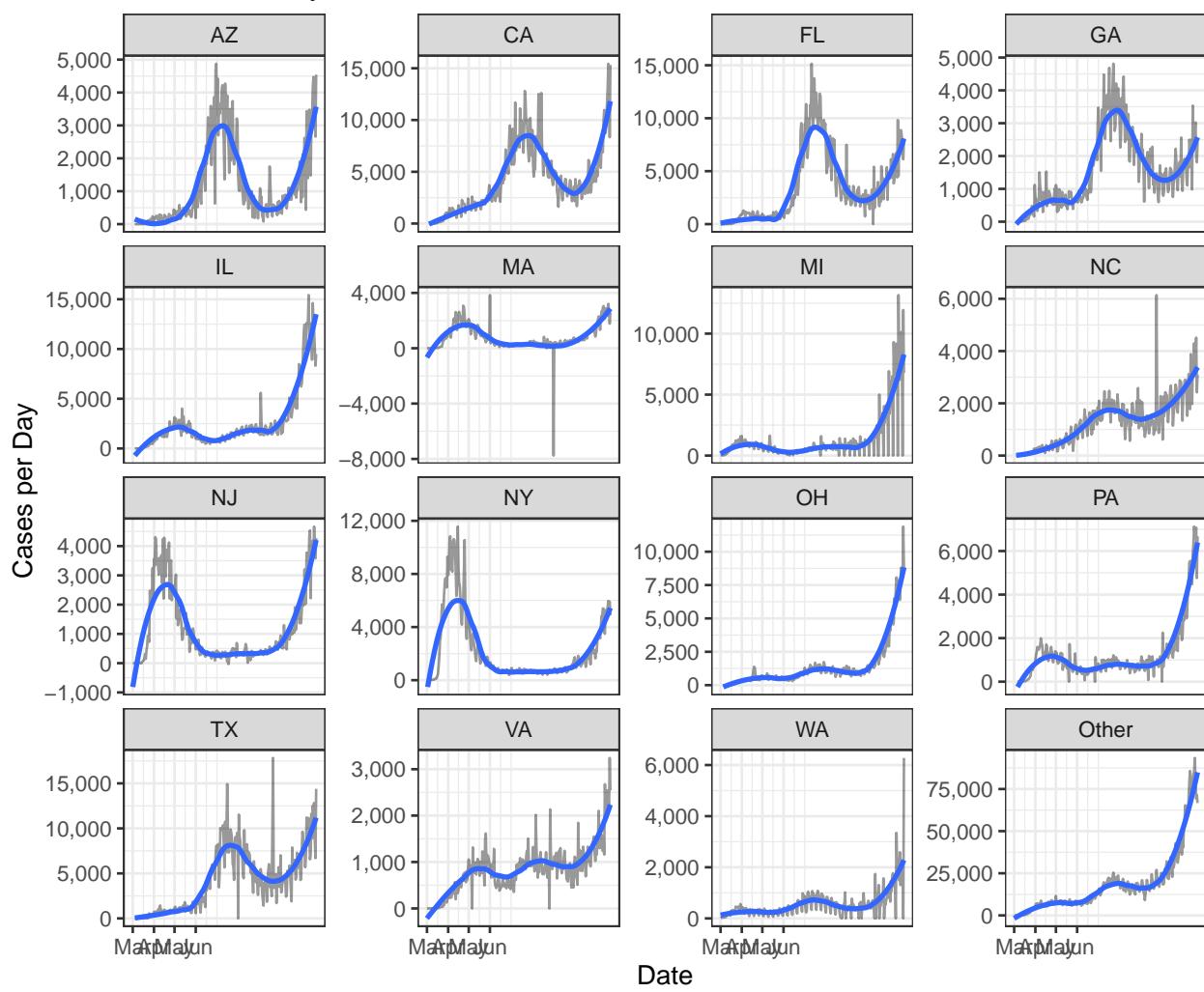


Cases

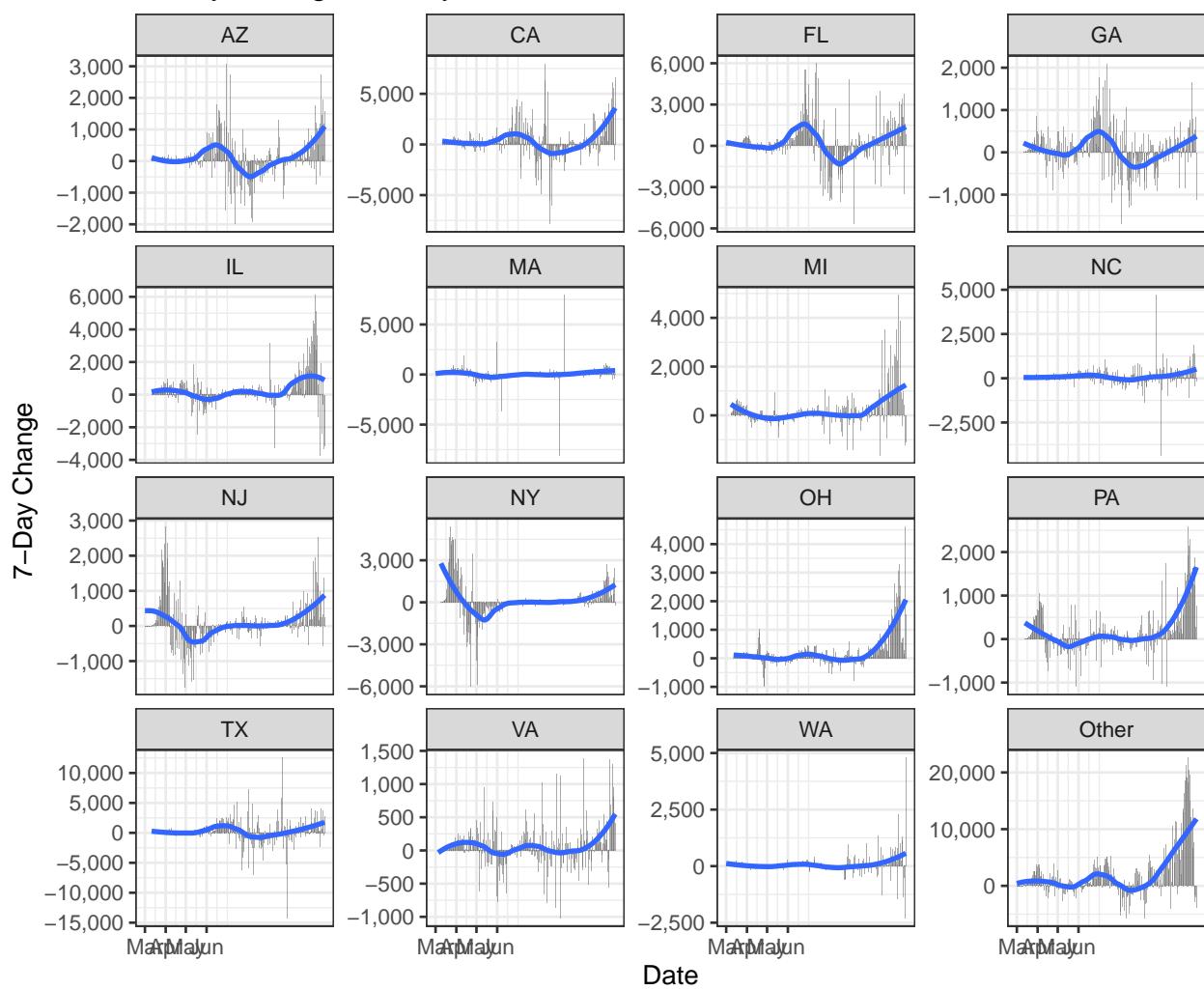
Cases by State

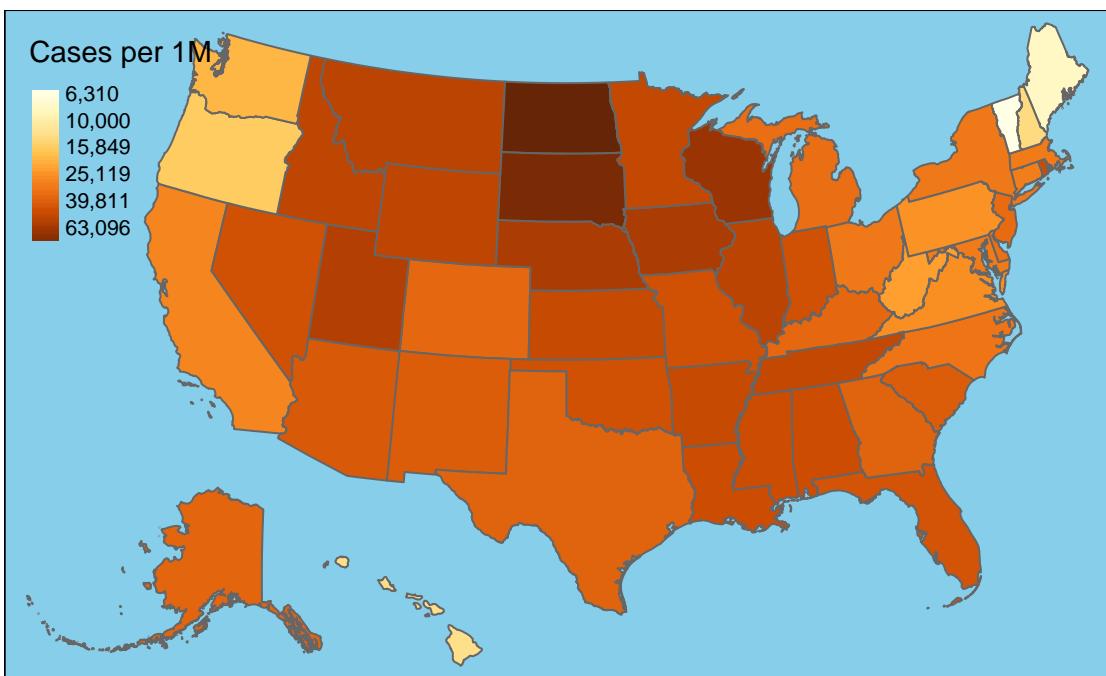
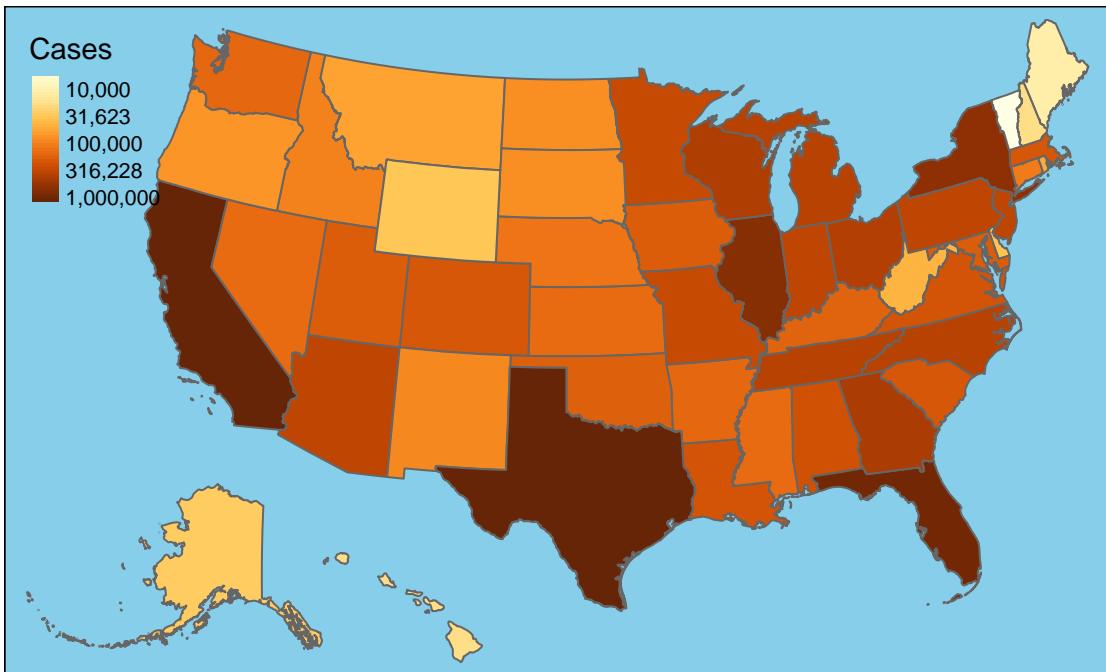


New Cases by State

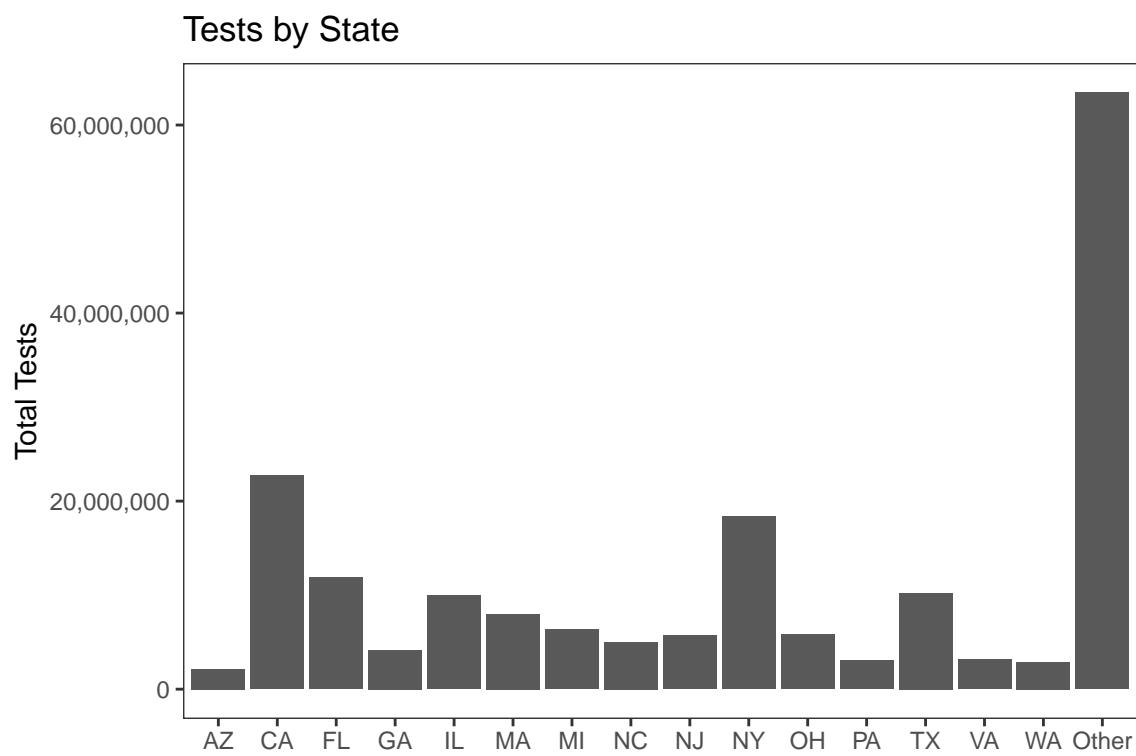


7-Day Change in Daily Cases

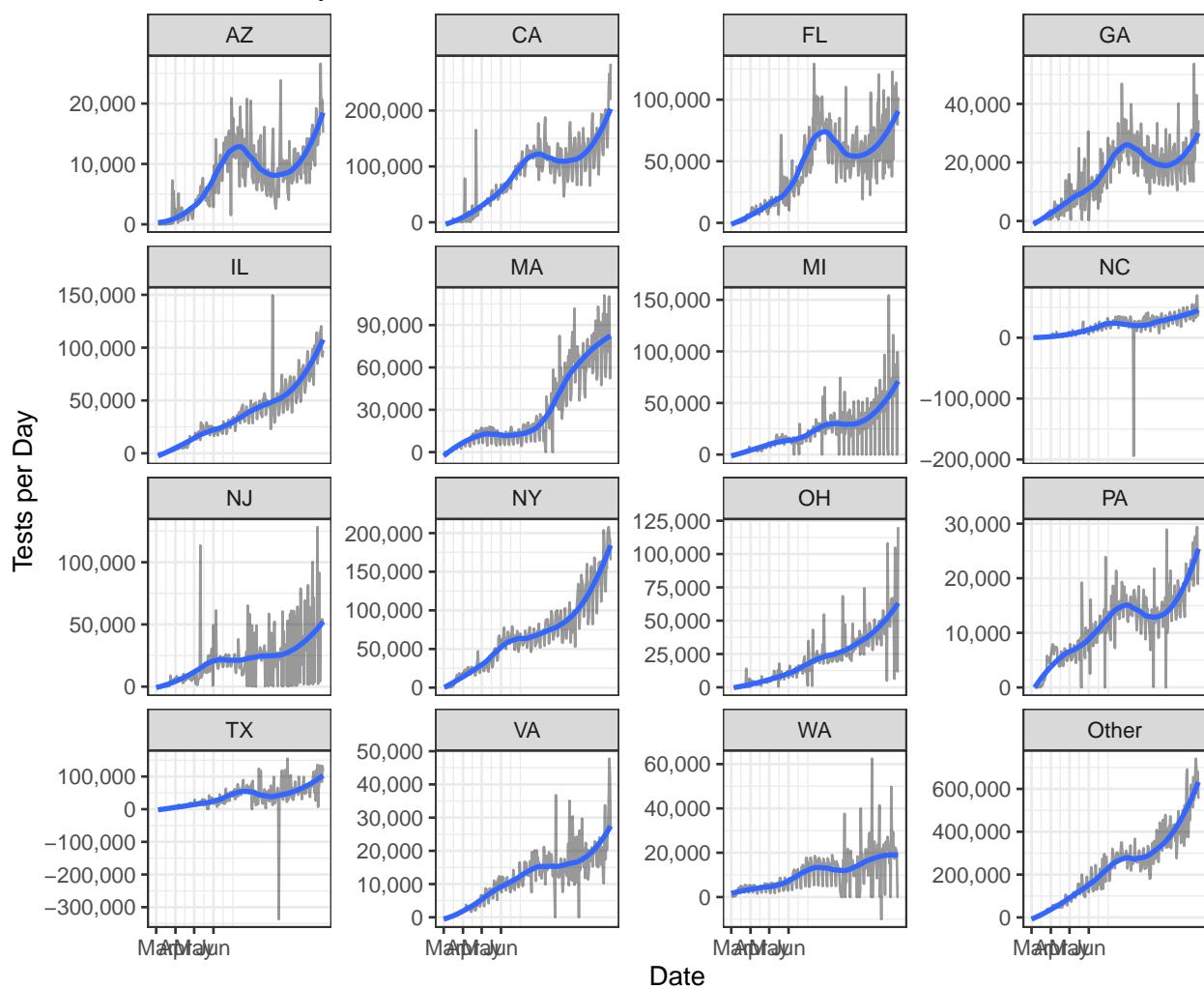


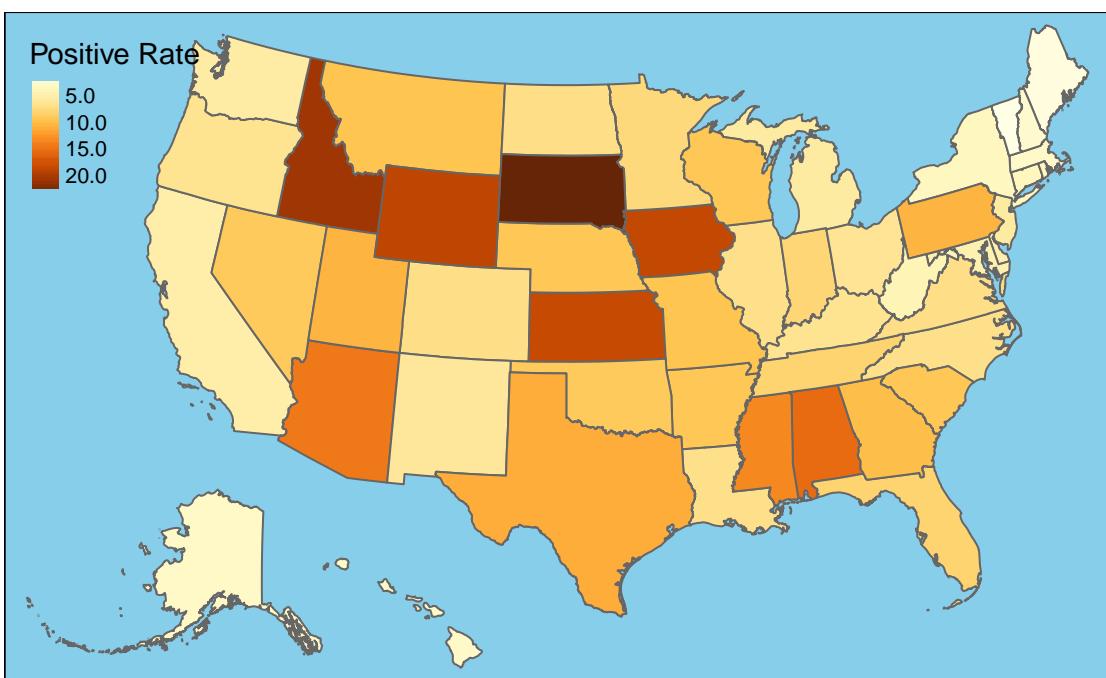
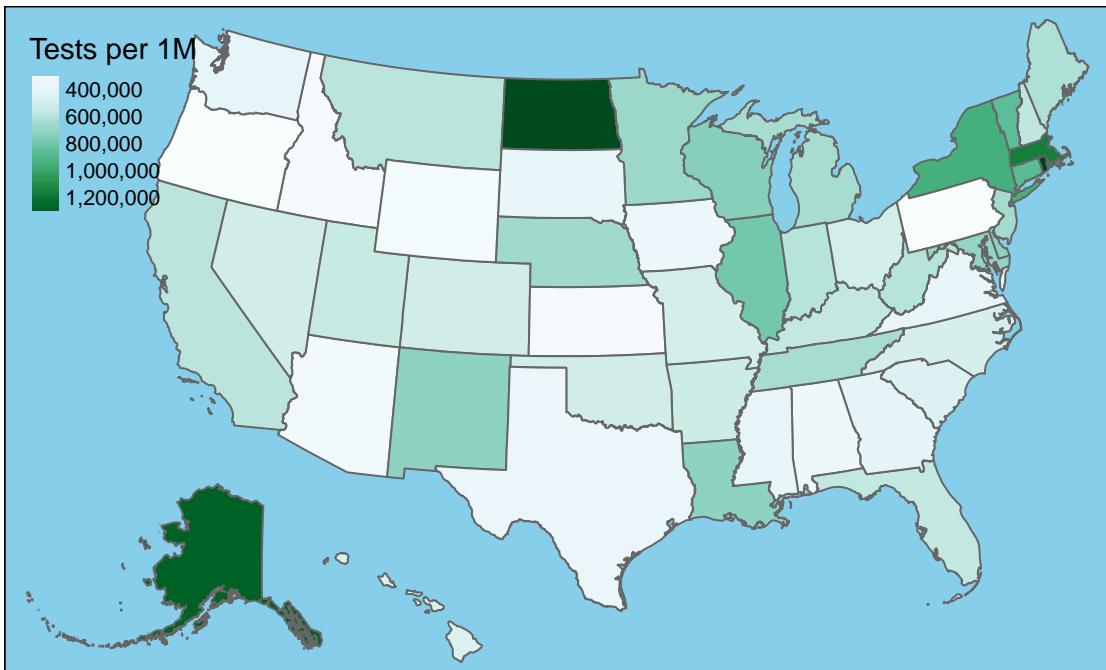


Testing



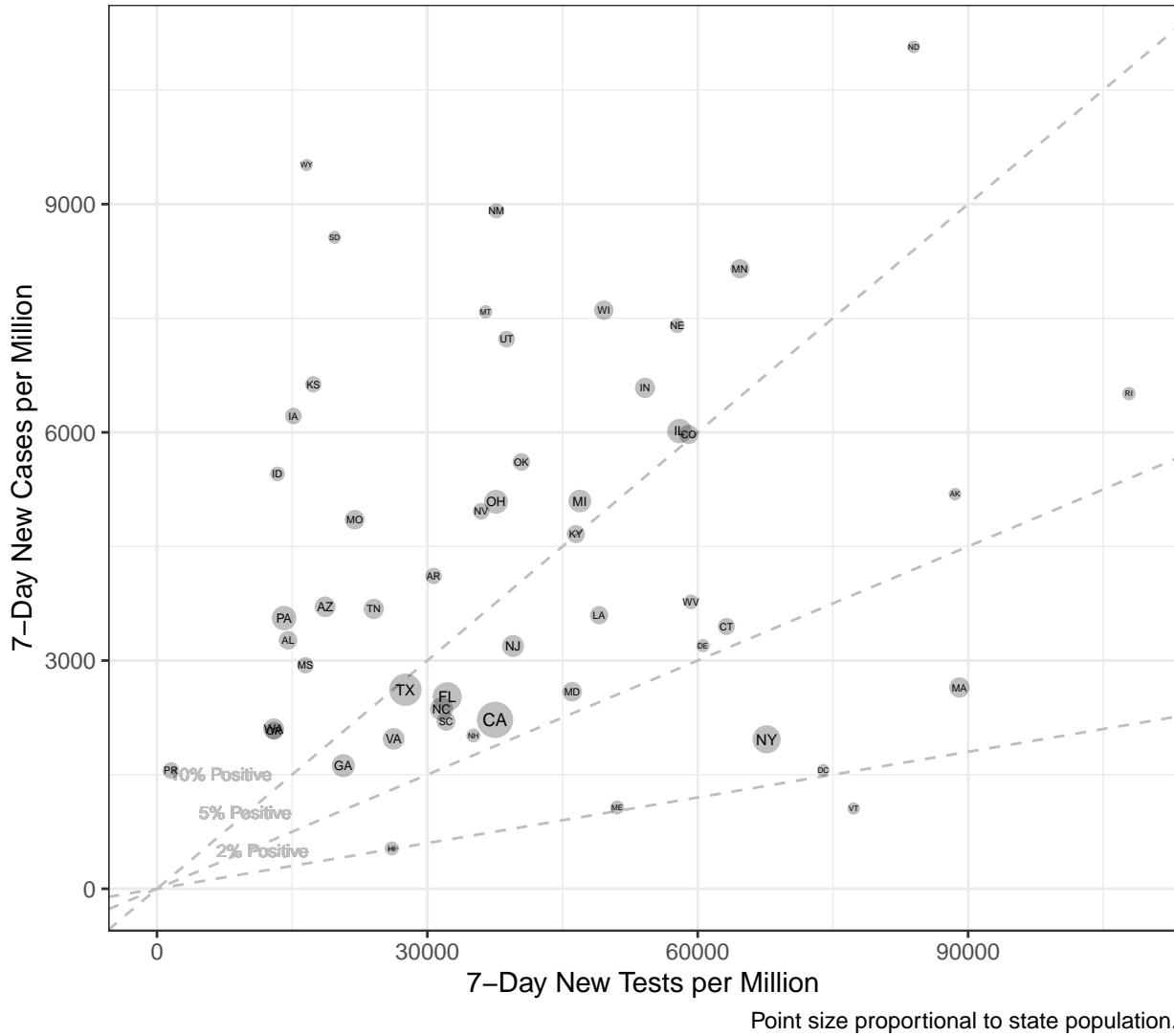
New Tests by State





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



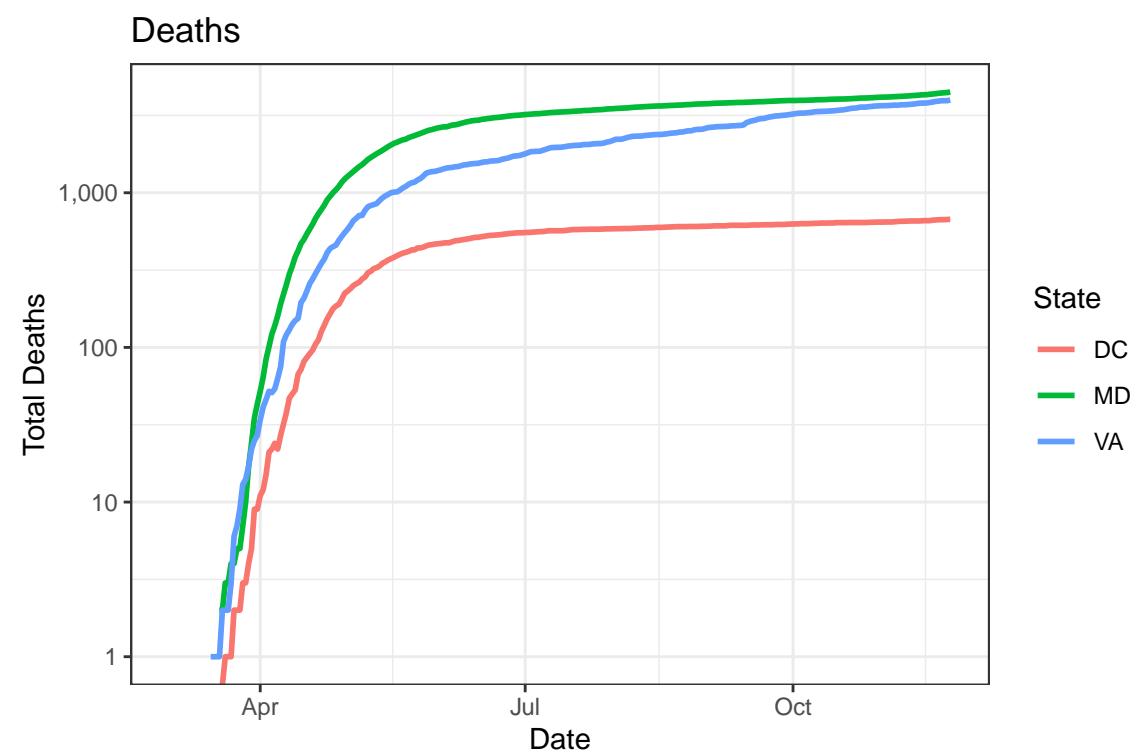
Local Data

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

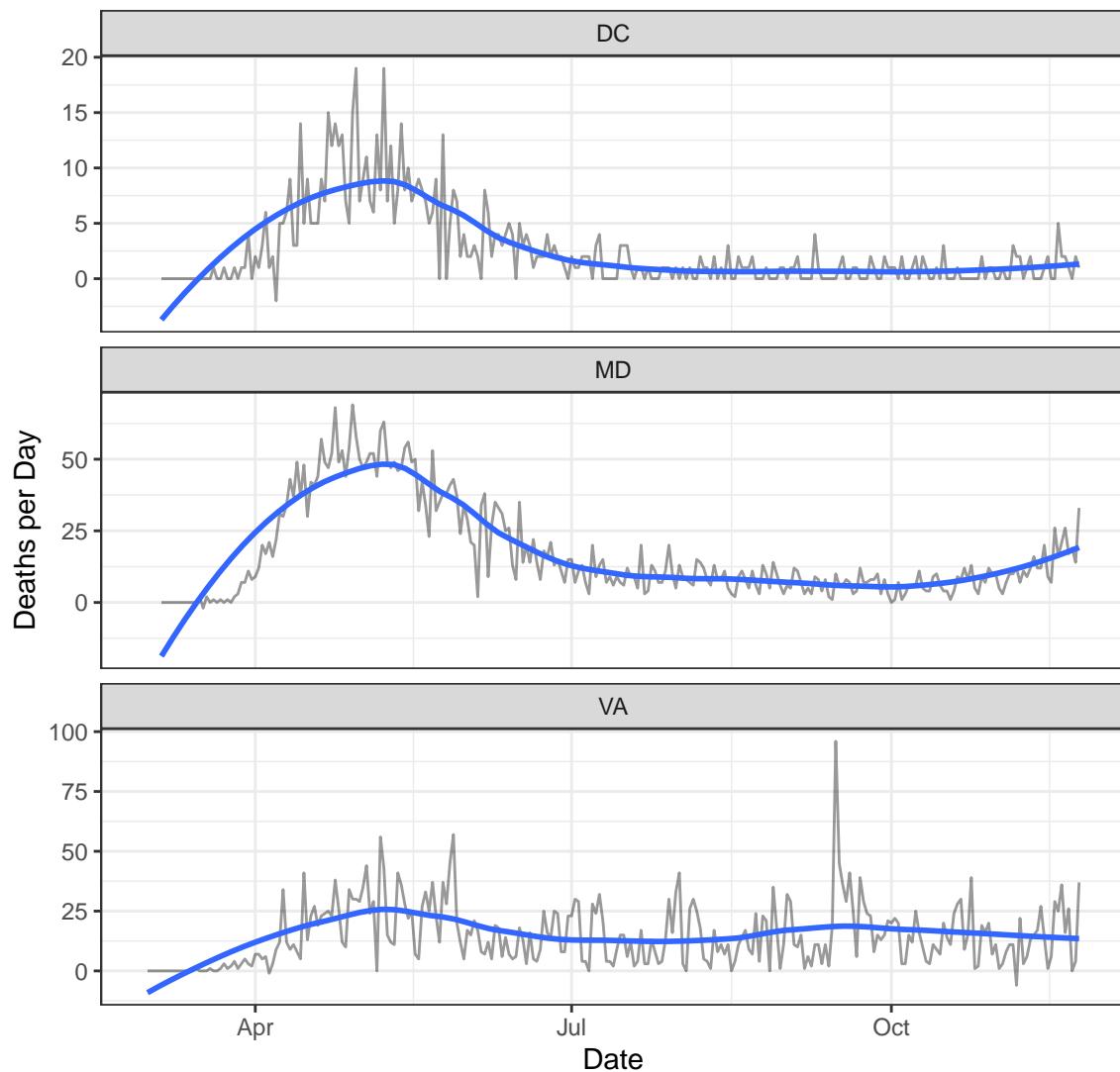
Table 3: Latest Local Data

State	Cases	Deaths	New Cases	New Deaths
DC	20,409	673	119	1
MD	185,464	4,481	1,667	33
VA	223,582	3,979	2,544	37

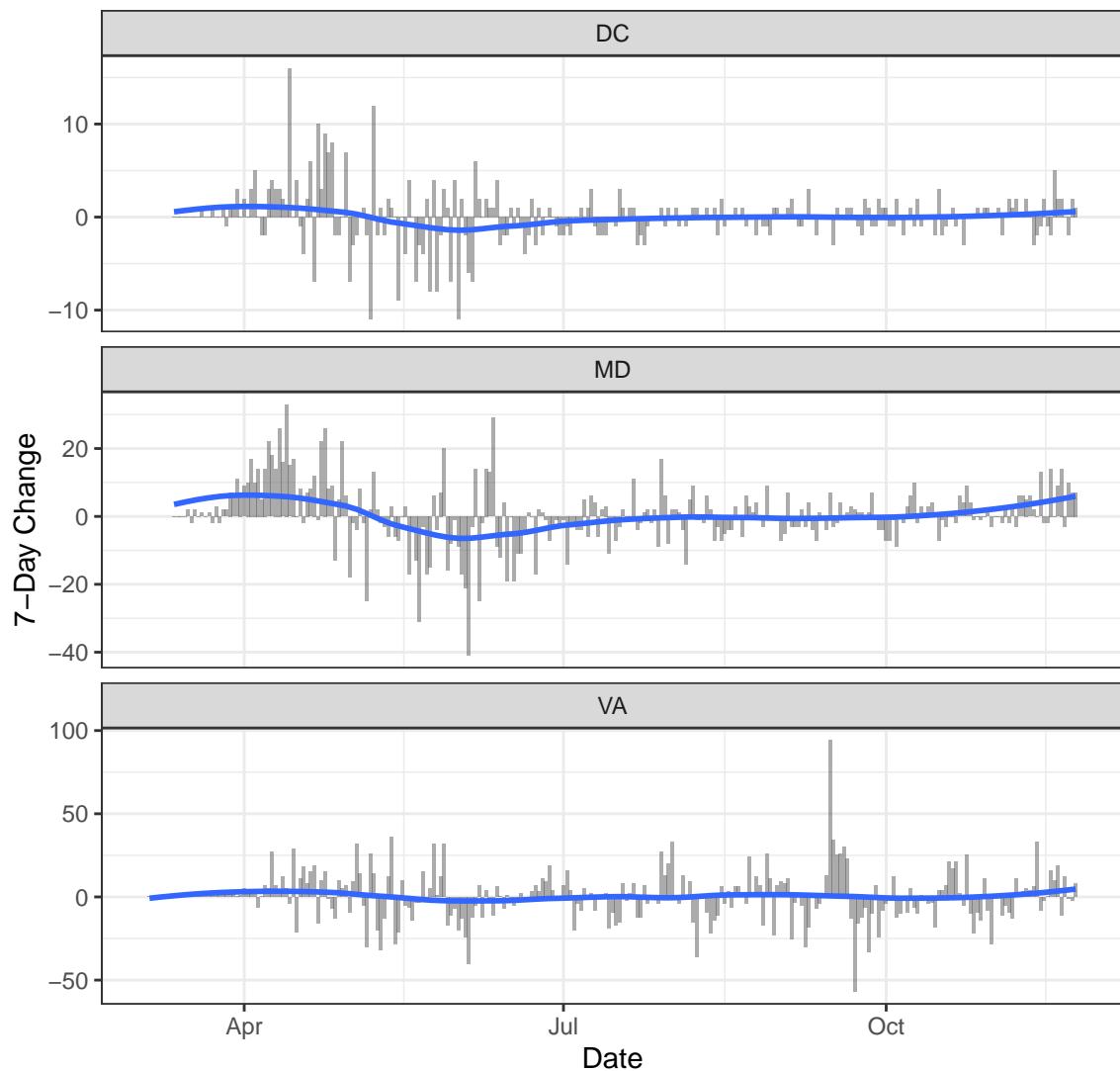
Deaths

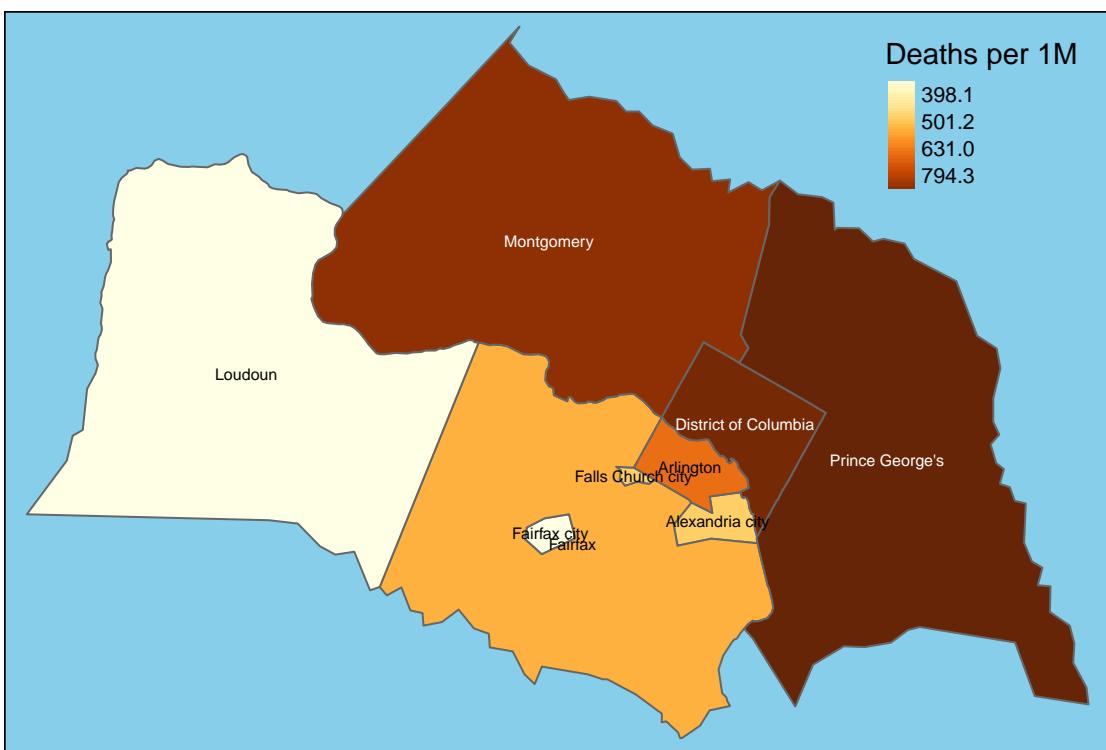
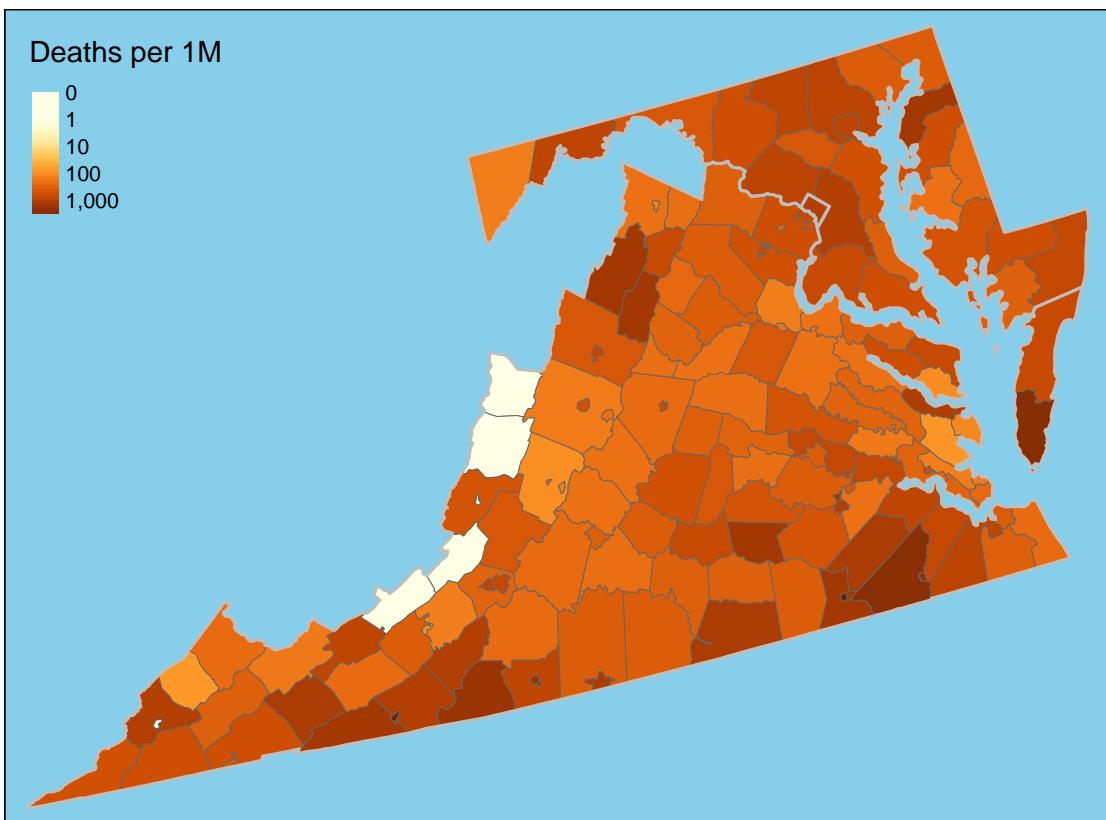


New Deaths

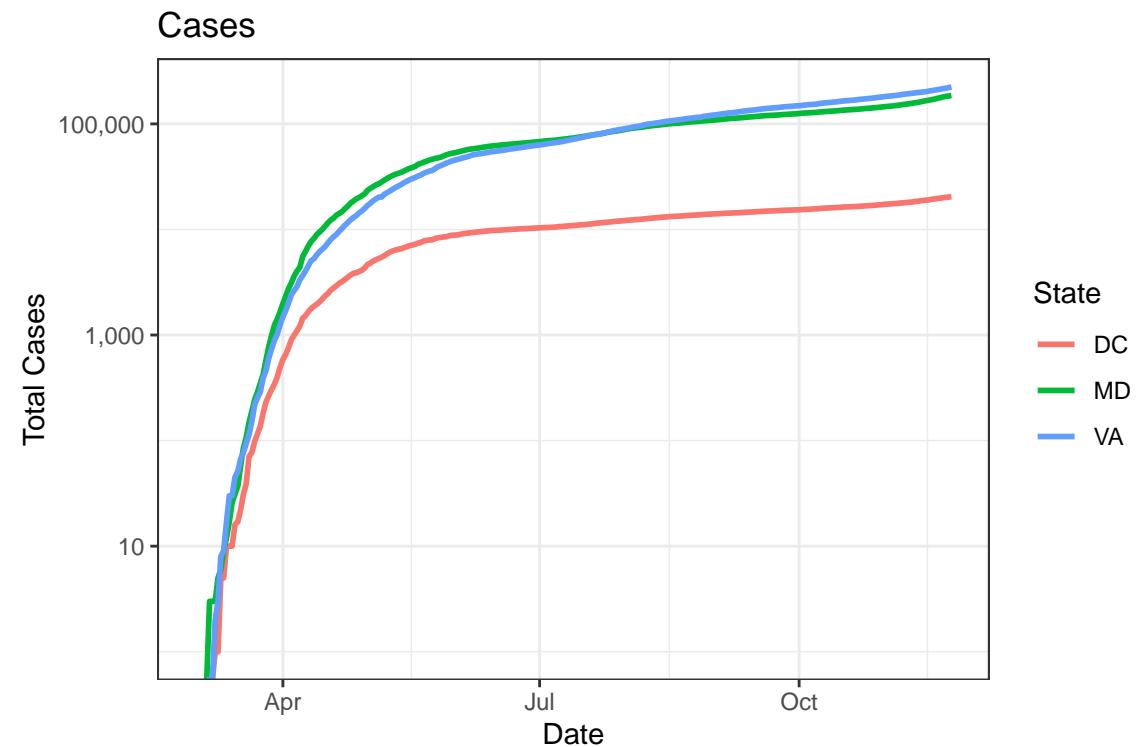


One-Week Change in Daily Deaths

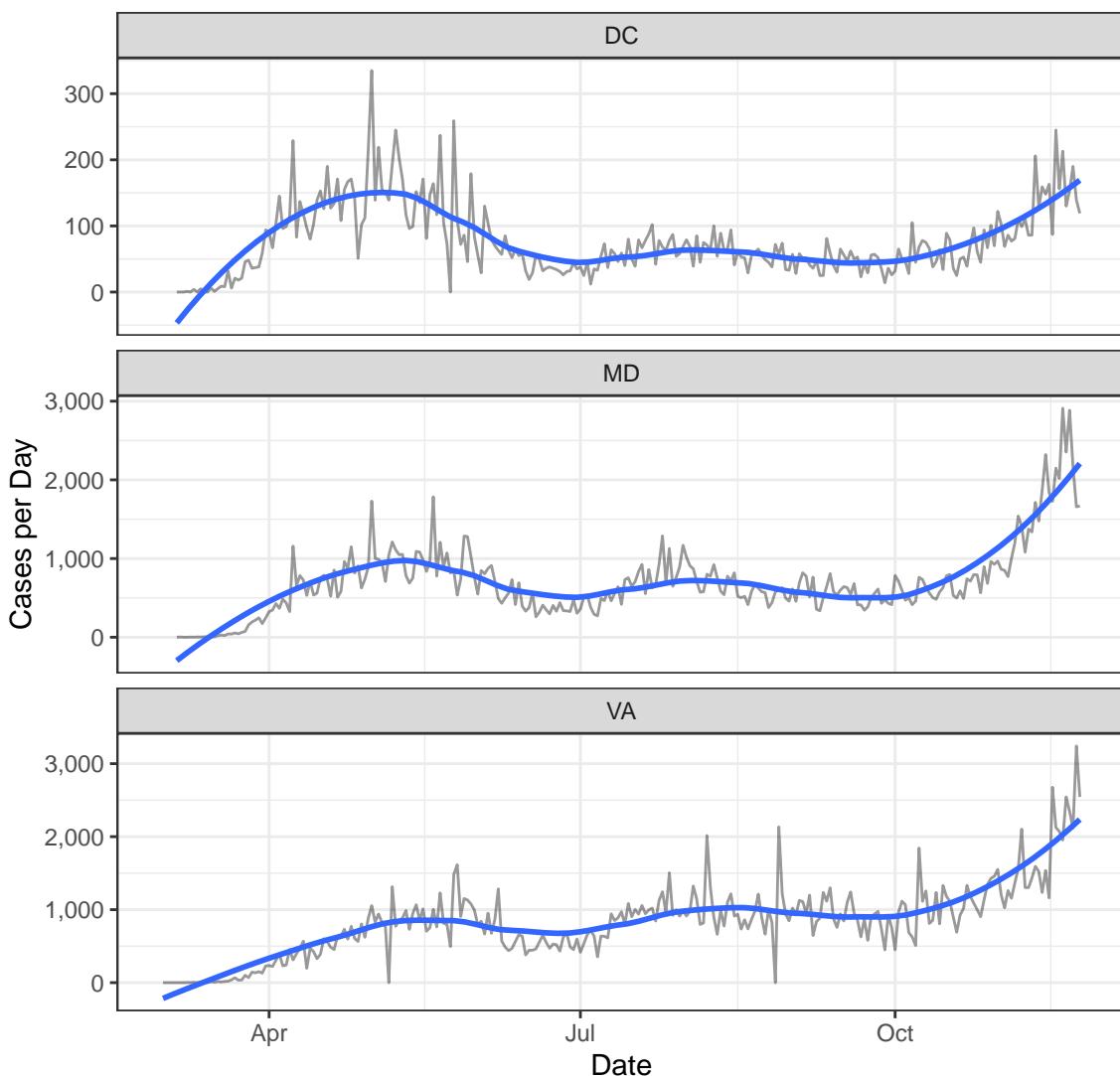




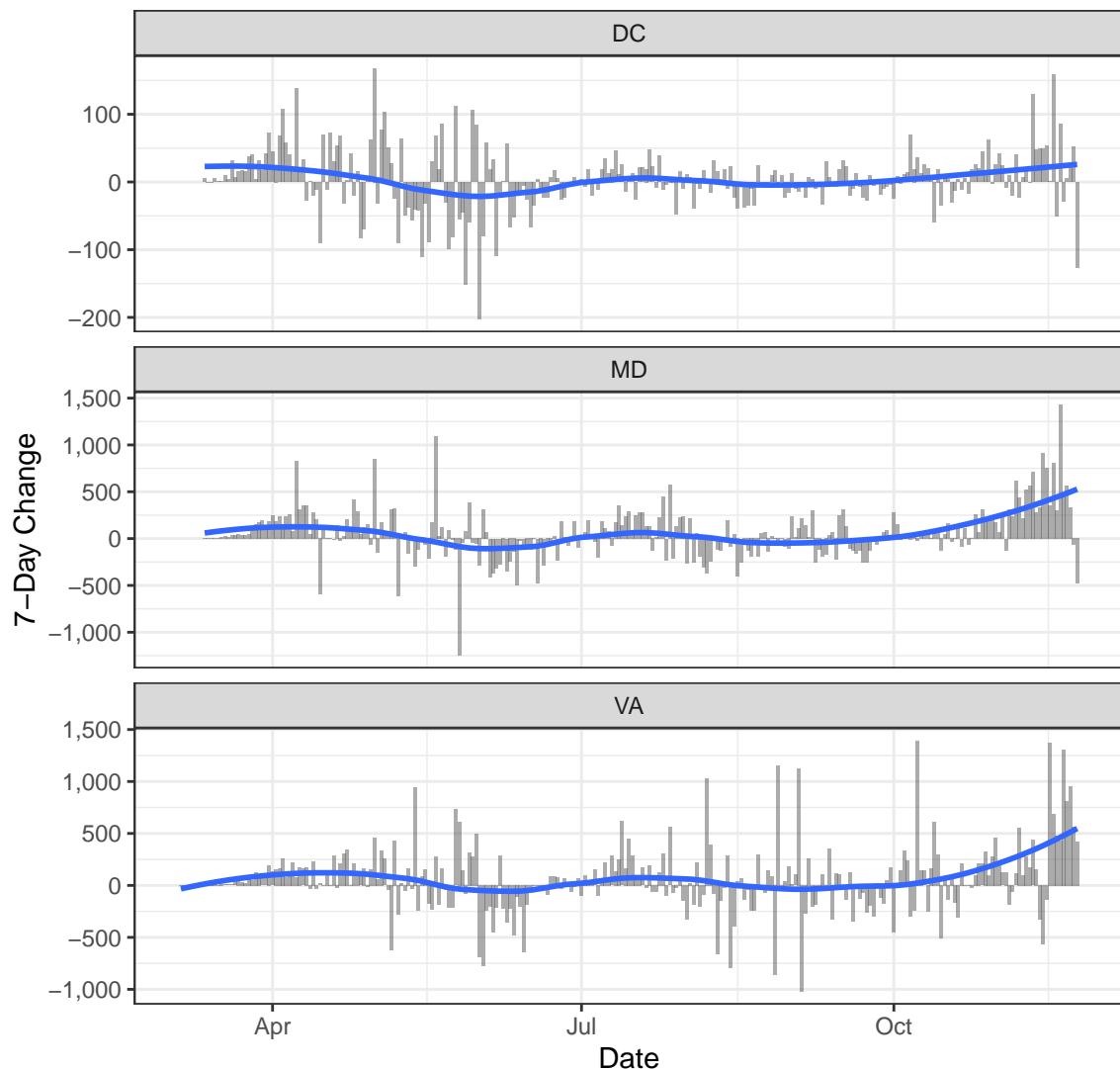
Cases

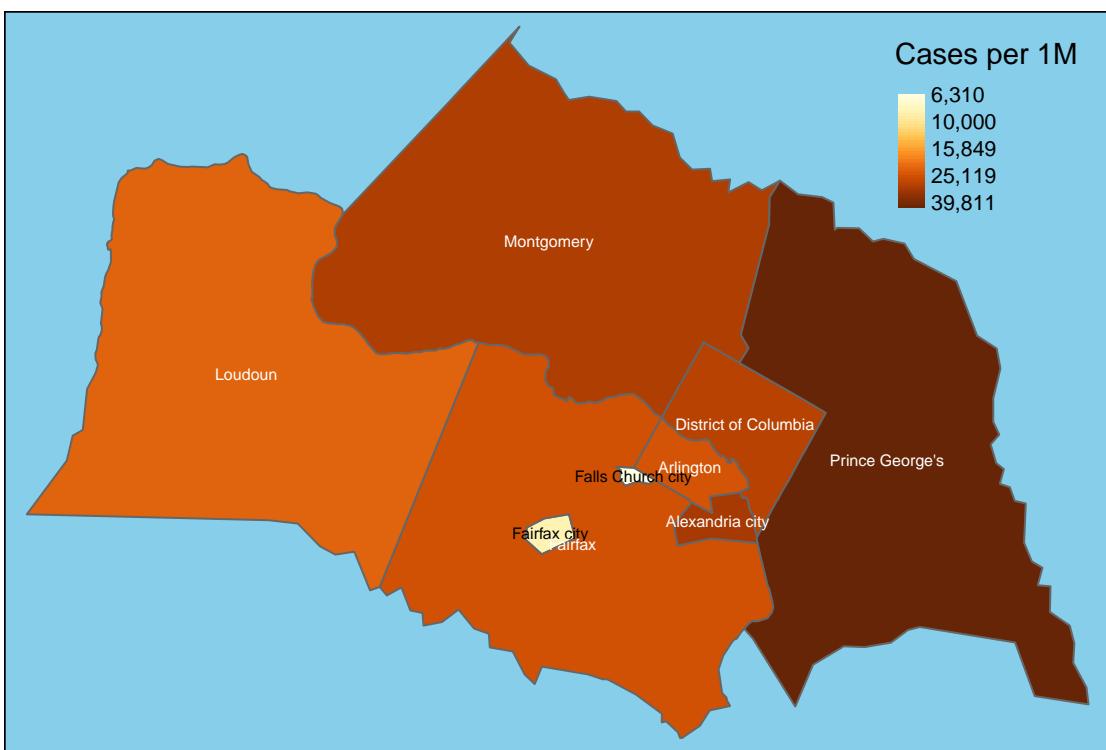
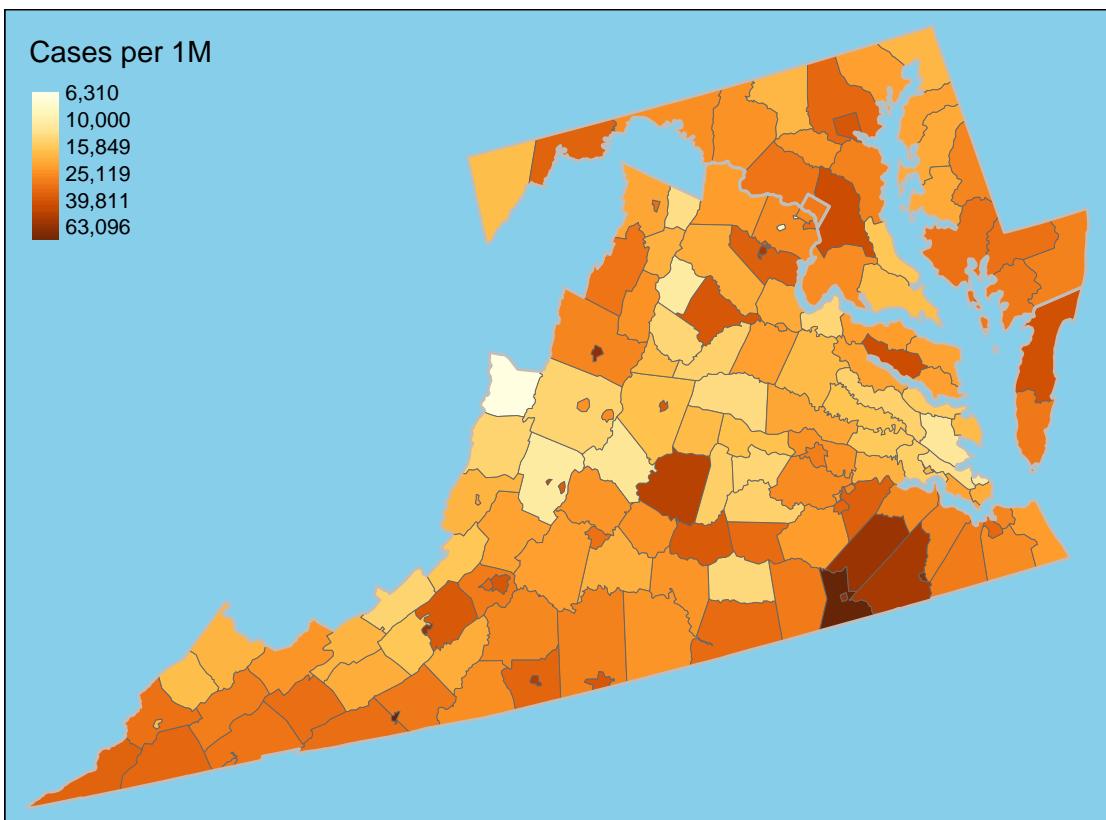


New Cases

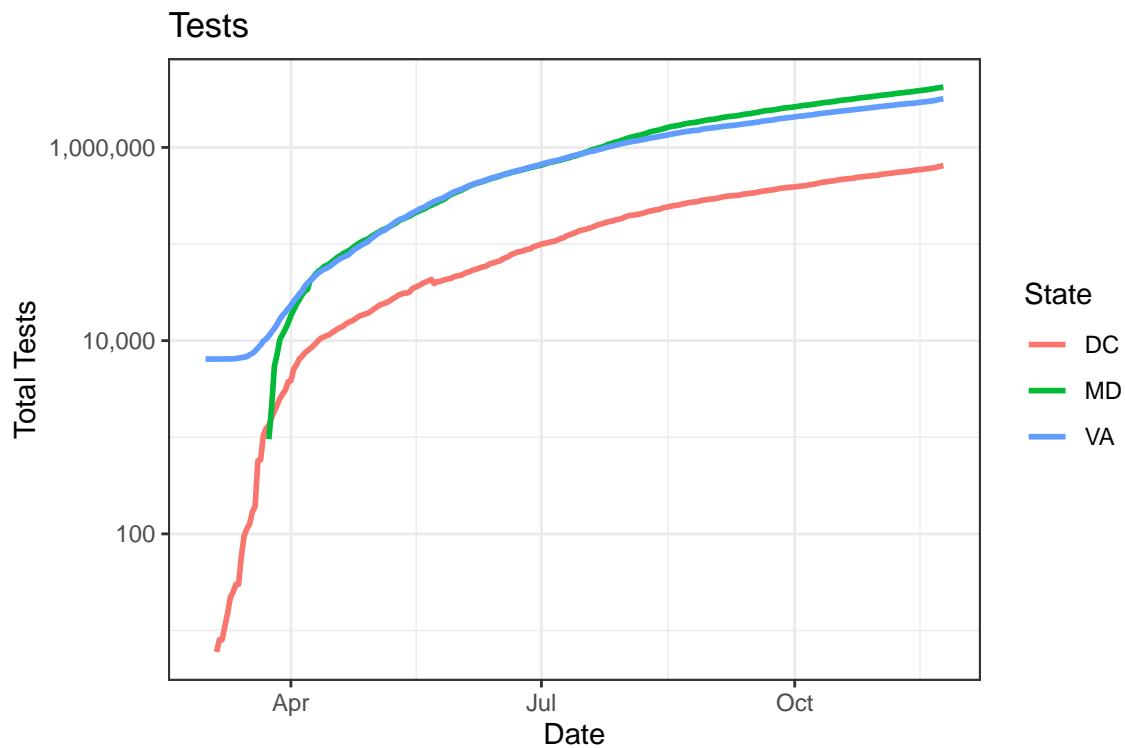


One-Week Change in Daily Cases

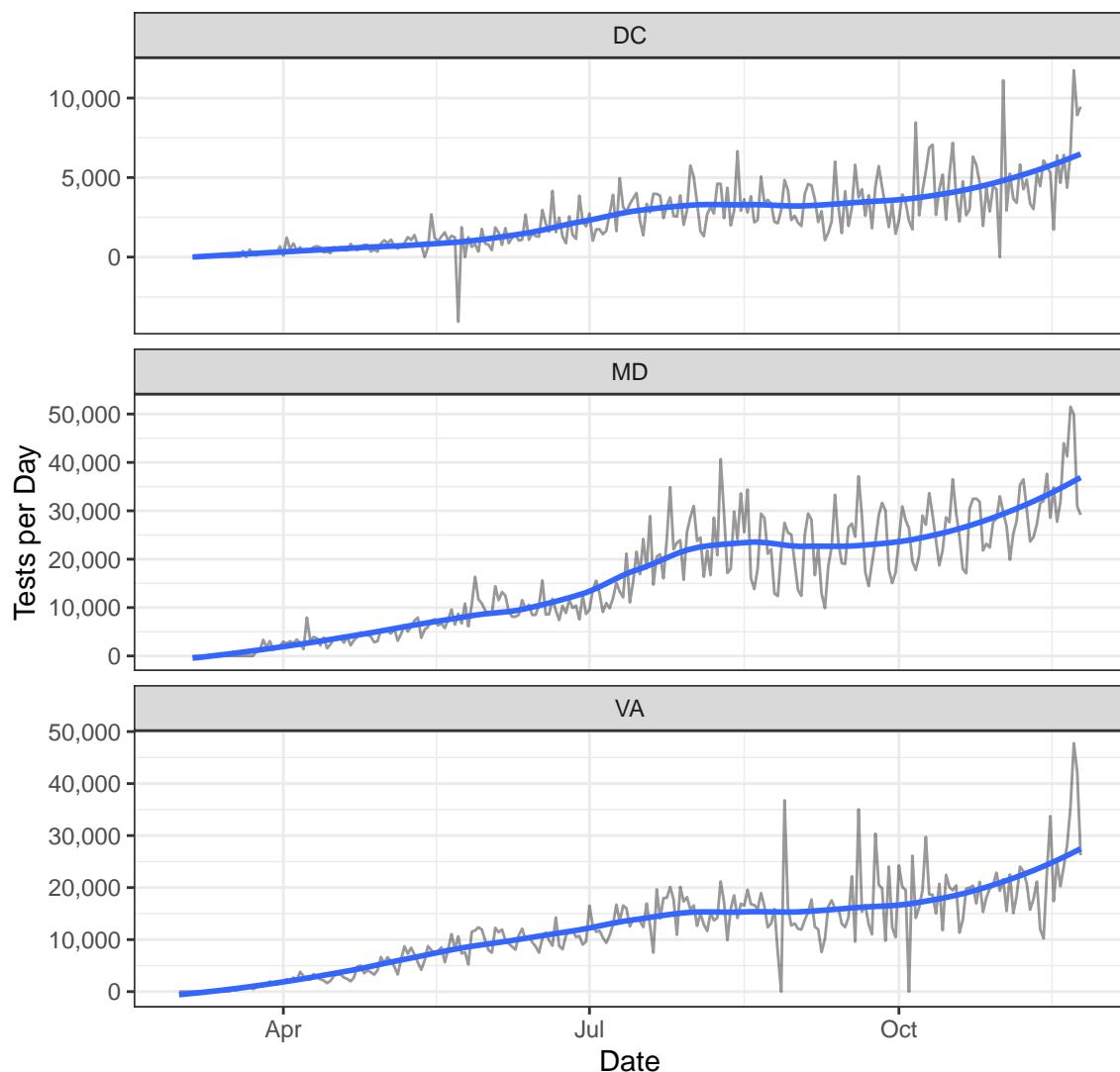




Testing



New Tests



Positive Test Rate

