

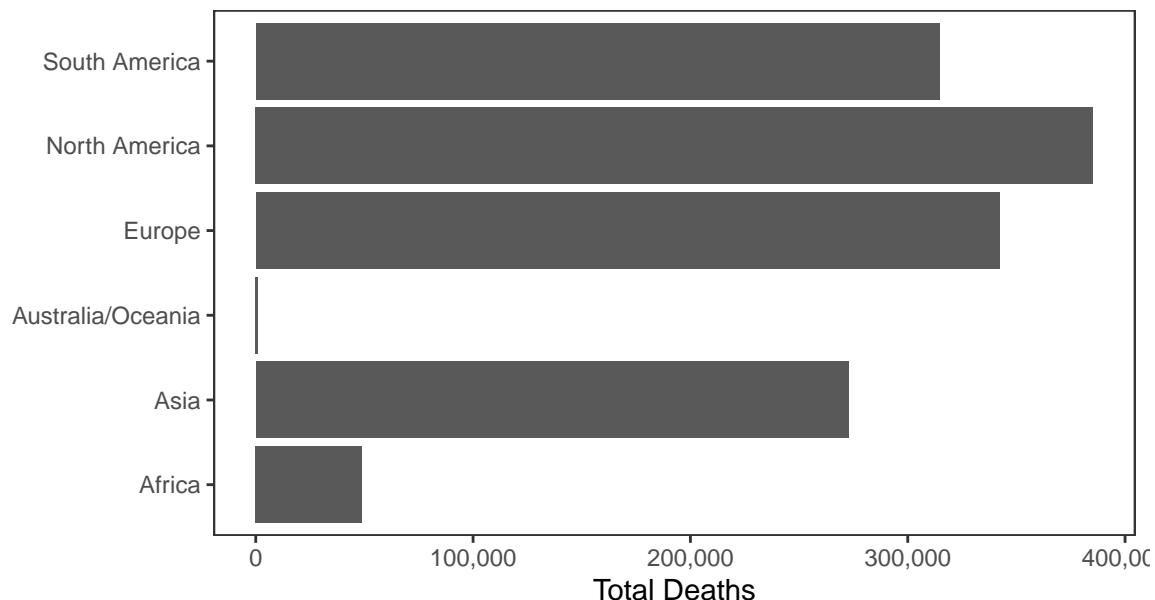
Erik's Covid-19 Chart Pack

Data updated 2020-11-20 07:25:32. 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 57,225,863 confirmed Covid-19 cases and 1,364,887 deaths worldwide.

Deaths



Cases

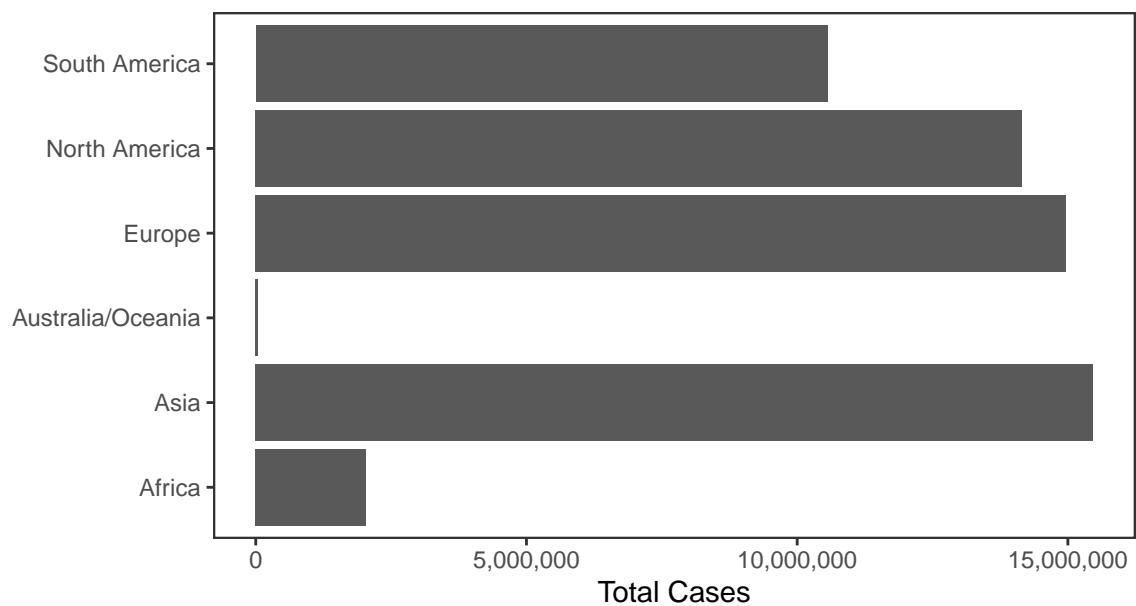
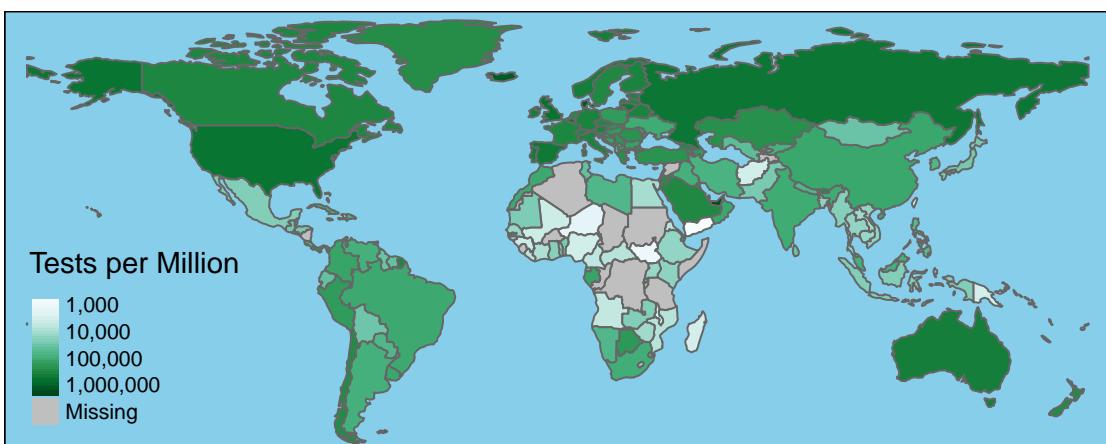
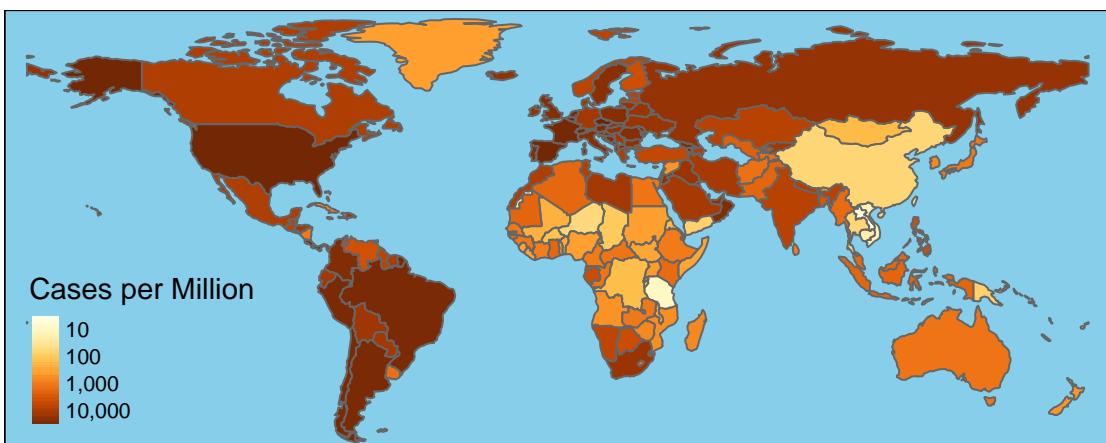
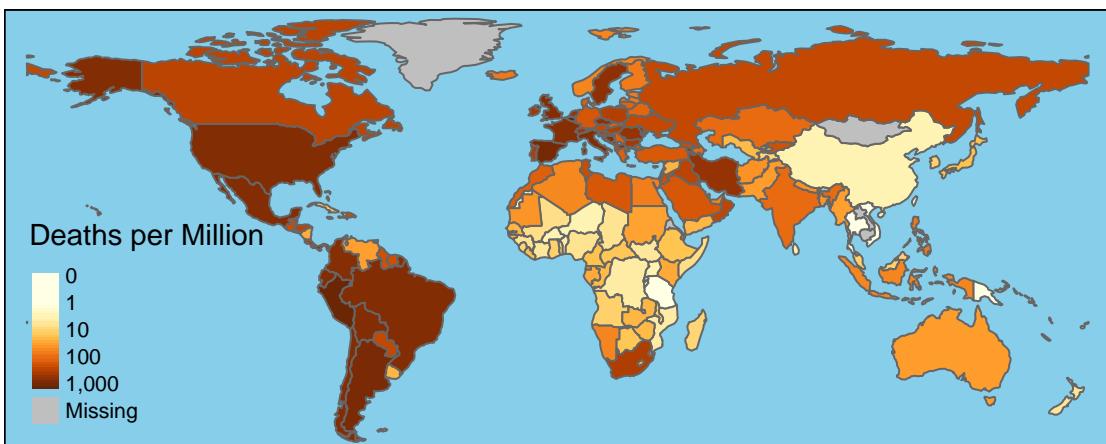


Table 1: Top Countries by Total Cases

Country	Cases	Deaths	New Cases	New Deaths
USA	12,070,712	258,333	192,186	2,065
India	9,004,325	132,202	46,182	584
Brazil	5,983,089	168,141	35,686	644
France	2,086,288	47,127	21,150	429
Russia	2,015,608	34,850	23,610	463
Spain	1,574,063	42,291	16,233	252
UK	1,453,256	53,775	22,915	501
Argentina	1,349,434	36,532	10,097	185
Italy	1,308,528	47,870	36,176	653
Colombia	1,225,490	34,761	7,487	198
Mexico	1,015,071	99,528	3,918	502
Peru	943,917	35,446	1,966	44
Germany	878,209	13,788	23,676	296
Iran	815,117	43,417	13,223	476
Poland	796,798	12,088	23,975	637
South Africa	759,658	20,671	2,514	115
Ukraine	583,510	10,369	13,357	257
Belgium	545,787	15,025	5,182	186
Chile	536,012	14,955	1,454	58
Iraq	529,226	11,834	2,374	39



National Data

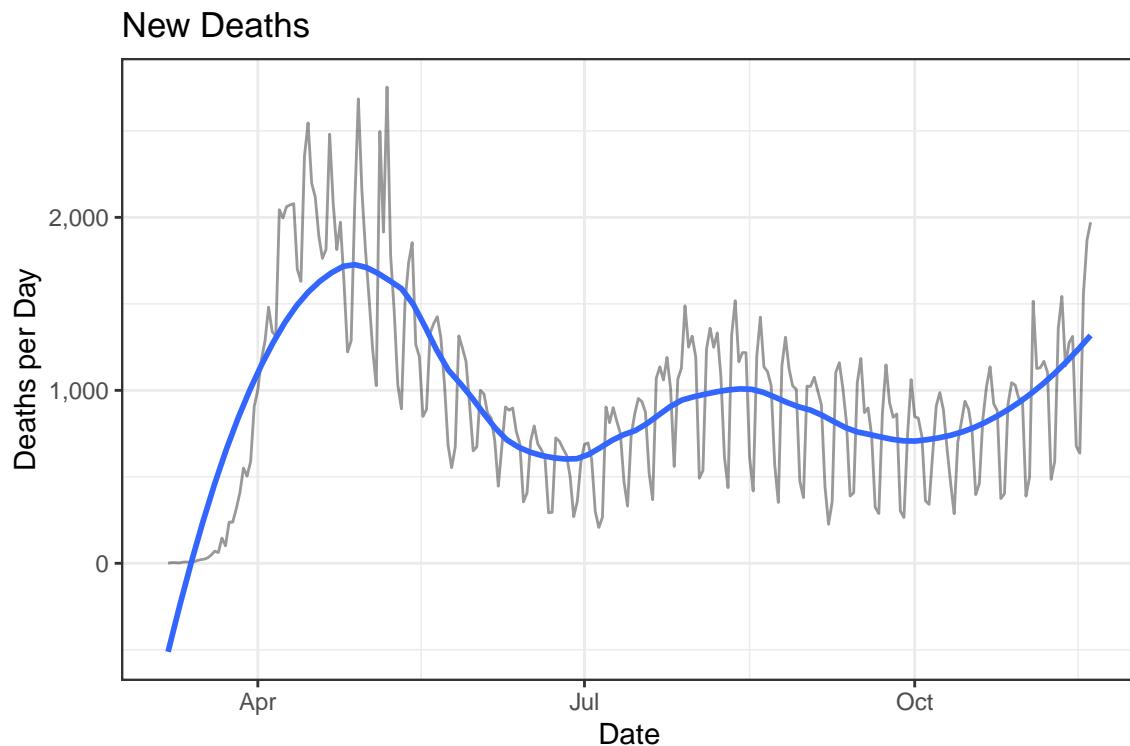
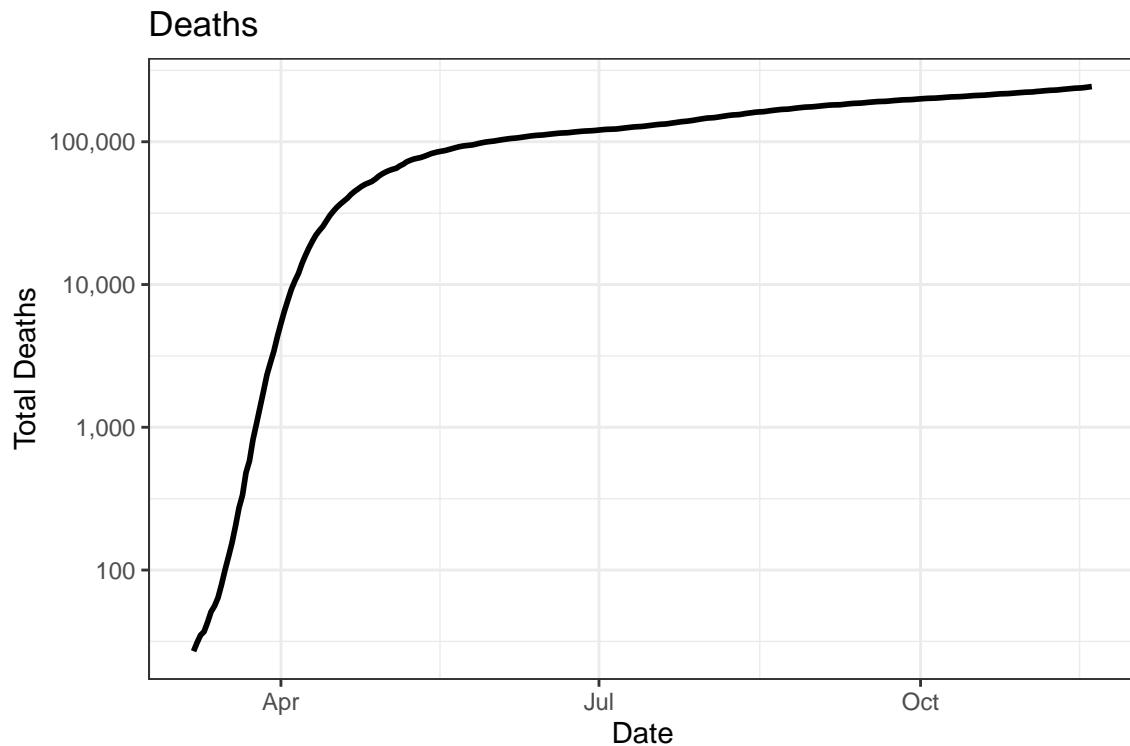
There have been 11,556,142 confirmed Covid-19 cases and 243,675 deaths in the United States.

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

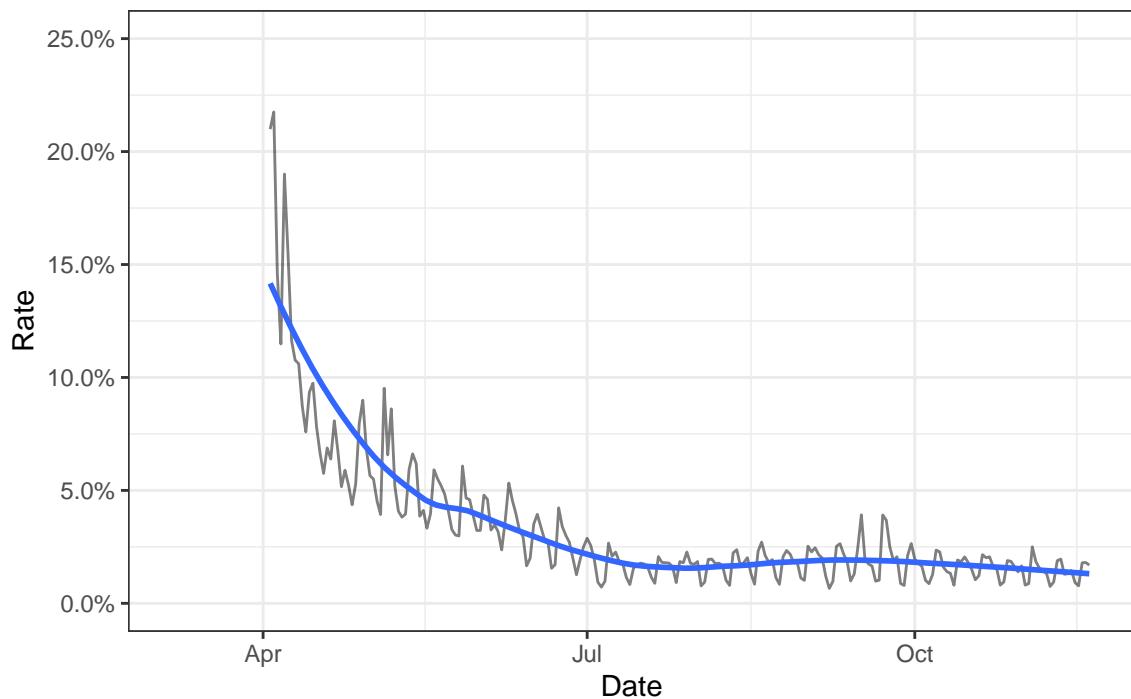
Date	Cases	Deaths	New Cases	New Deaths
2020-11-19	11,556,142	243,675	182,832	1,971
2020-11-18	11,373,310	241,704	163,975	1,869
2020-11-17	11,209,335	239,835	156,722	1,555
2020-11-16	11,052,613	238,280	148,868	637
2020-11-15	10,903,745	237,643	144,434	677
2020-11-14	10,759,311	236,966	163,540	1,312
2020-11-13	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
2020-11-10	10,126,861	231,695	131,182	1,360
2020-11-09	9,995,679	230,335	119,432	589
2020-11-08	9,876,247	229,746	110,281	485
2020-11-07	9,765,966	229,261	129,215	1,104
2020-11-06	9,636,751	228,157	125,753	1,168

Deaths

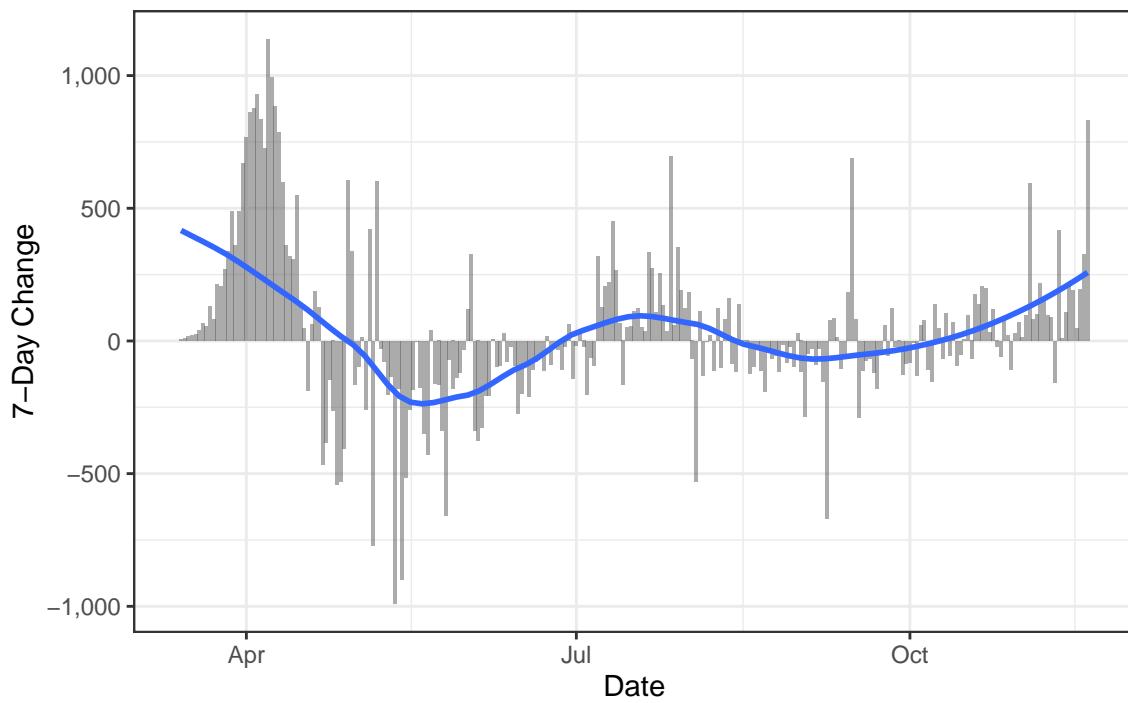
Because the effects of the virus can take several weeks to manifest in patients, deaths are a lagging indicator of contagion, but they may be a more reliable than case counts, which are a function of both the prevalence of the disease and the rate of testing. The case mortality rate is a very crude indicator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

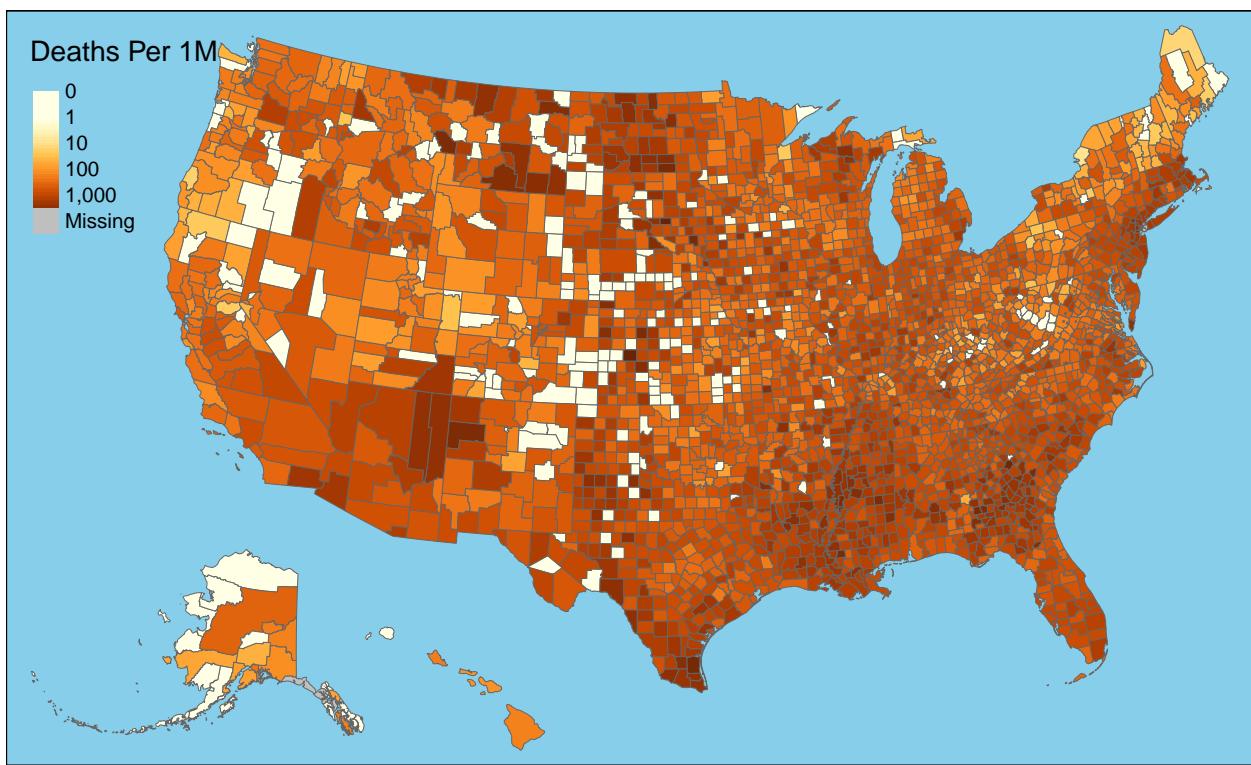


Daily Case Mortality Rate



One-Week Change in Daily Deaths

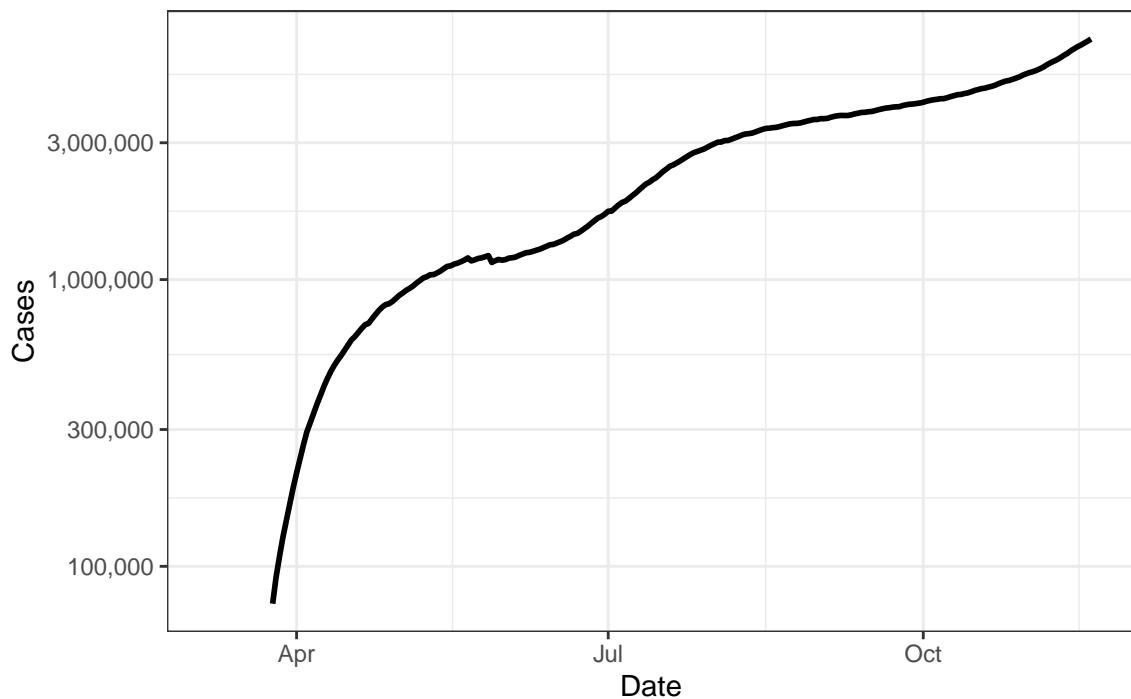




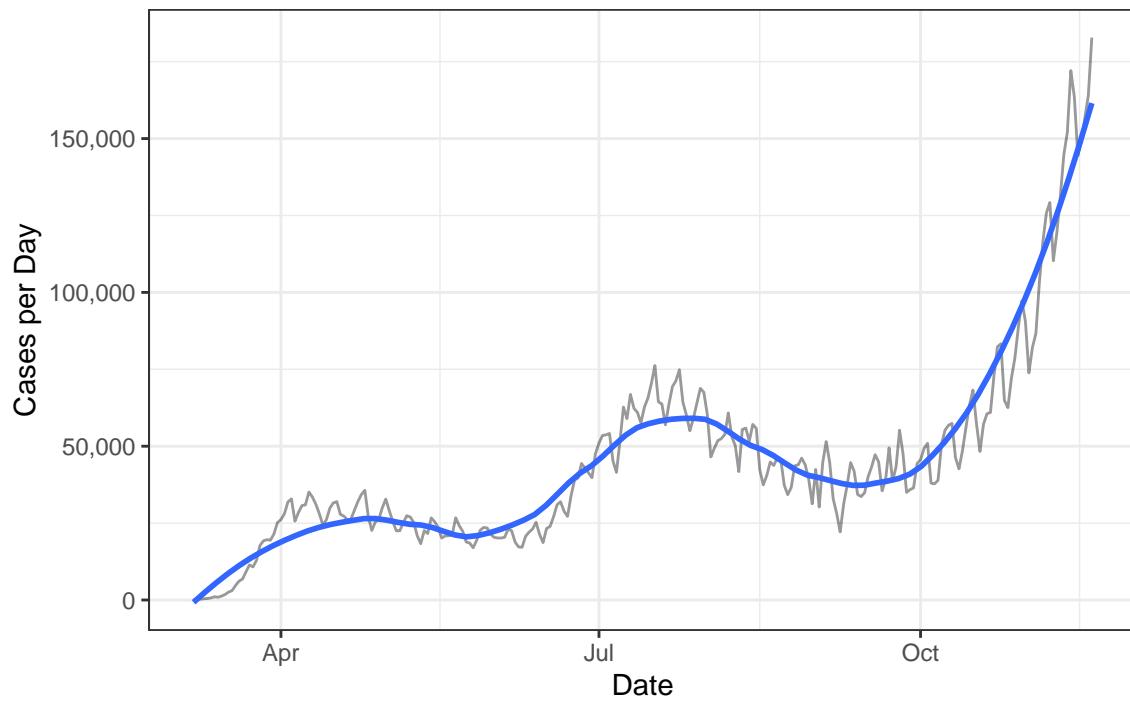
Cases

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

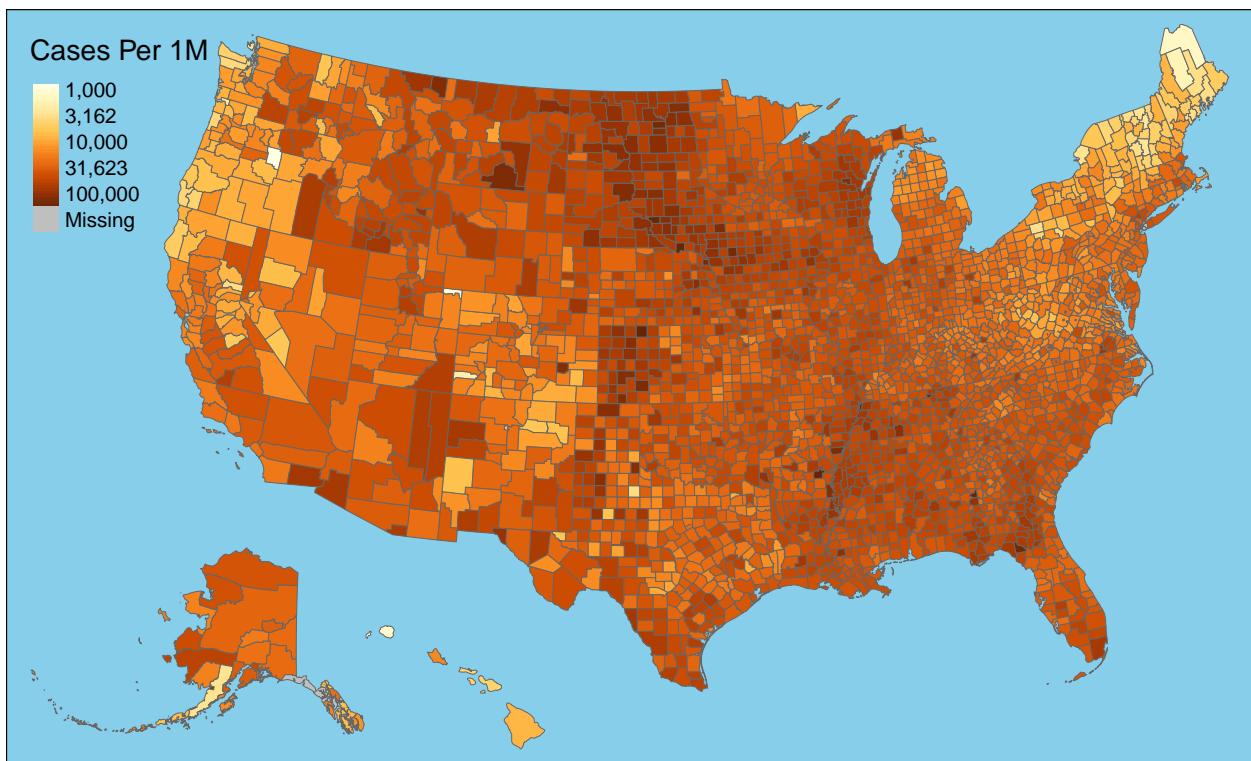
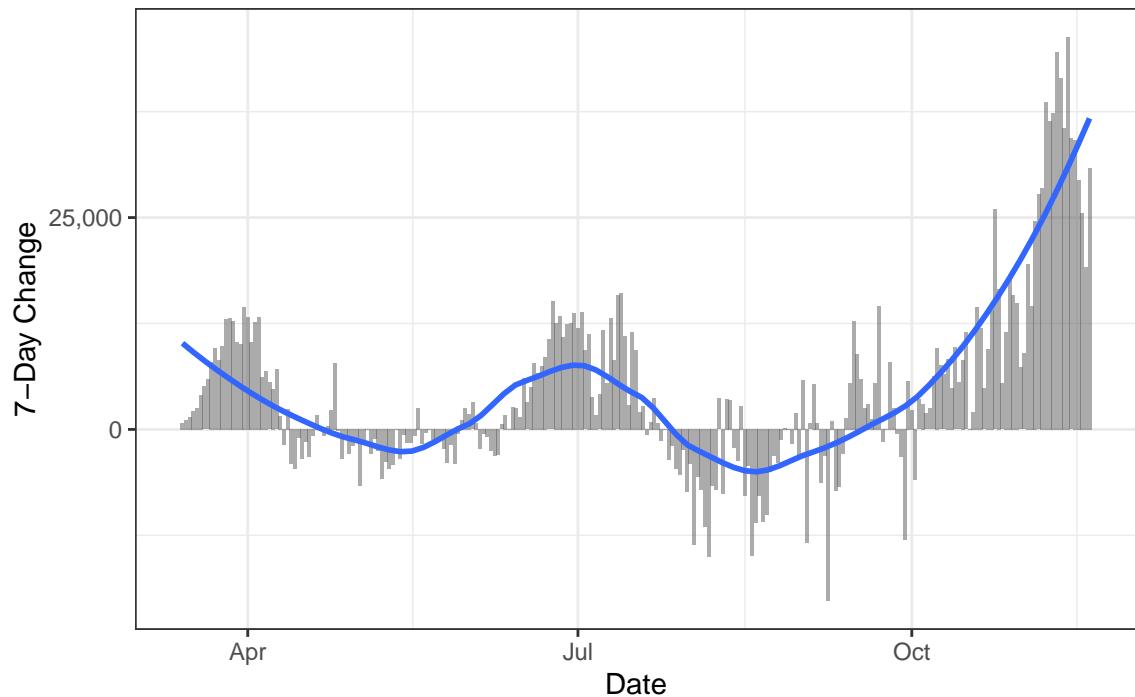
Active Cases



New Cases

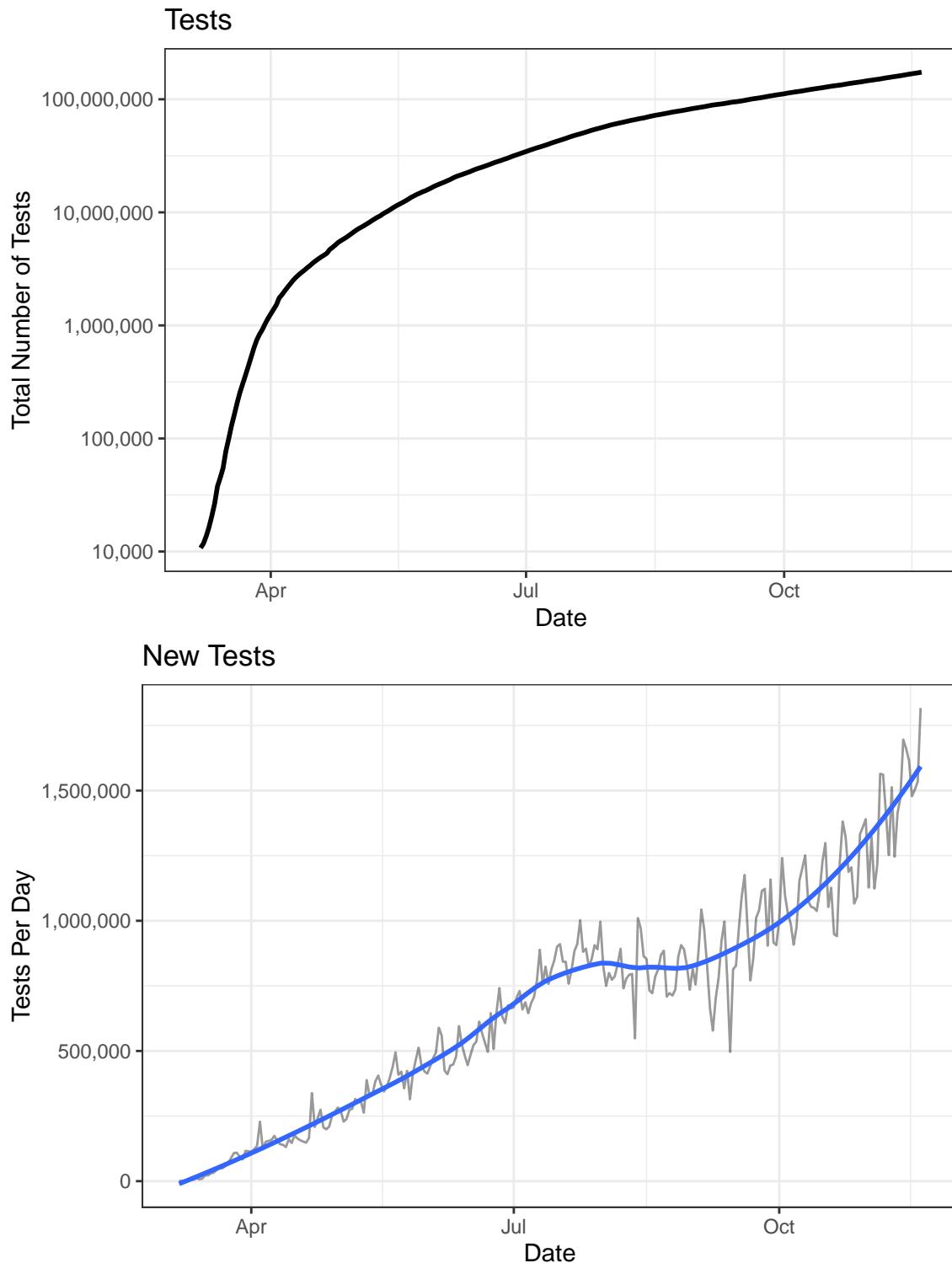


One-Week Change in Daily Cases

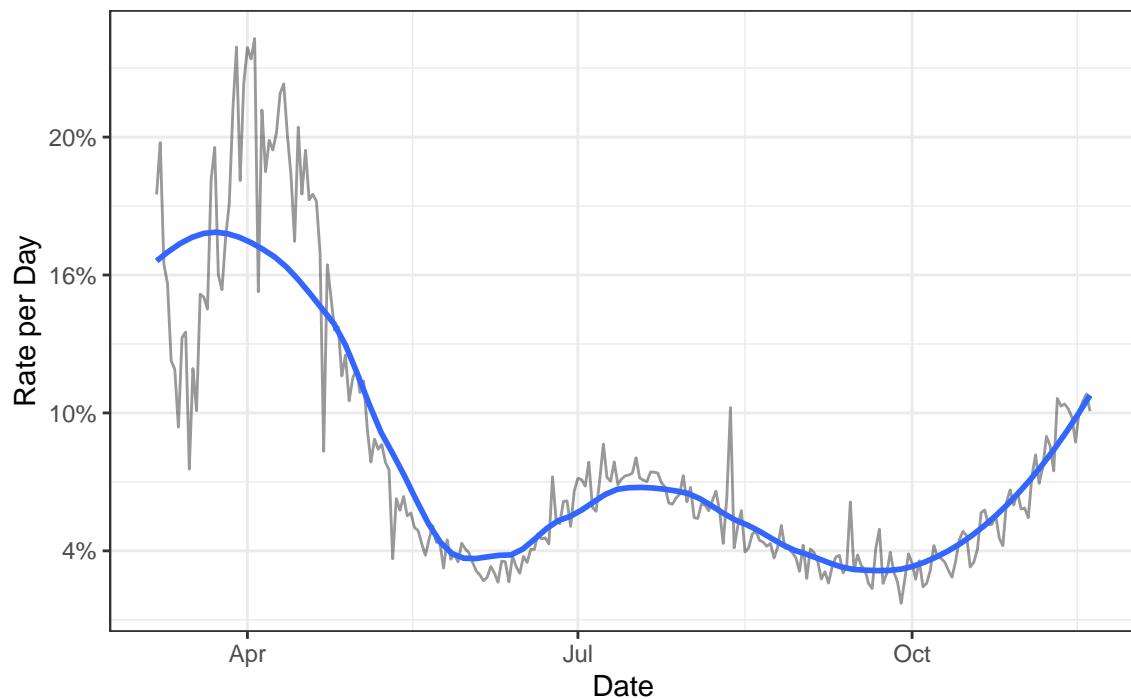


Testing

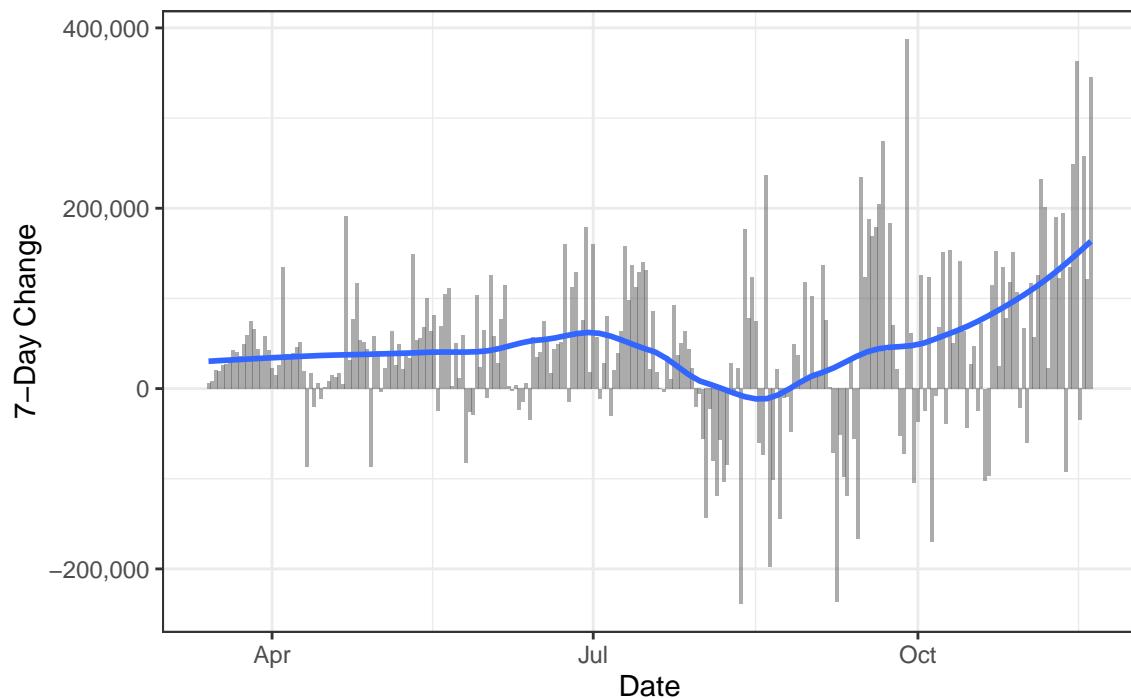
Widespread testing is necessary for managing the spread of the disease. The following charts show how testing in the United States has changed over time. When the supply of available tests is limited, they are typically only used for patients whose symptoms suggest they are likely to have contracted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



Positive Test Rate



One-Week Change in Daily Tests

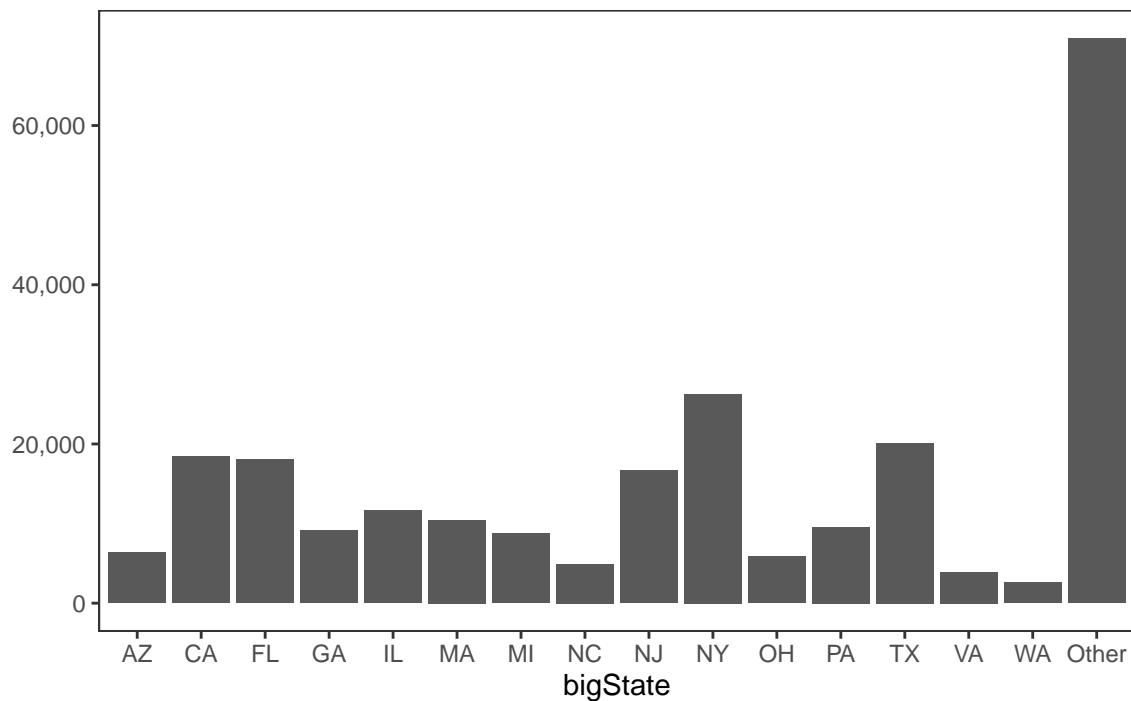


State Data

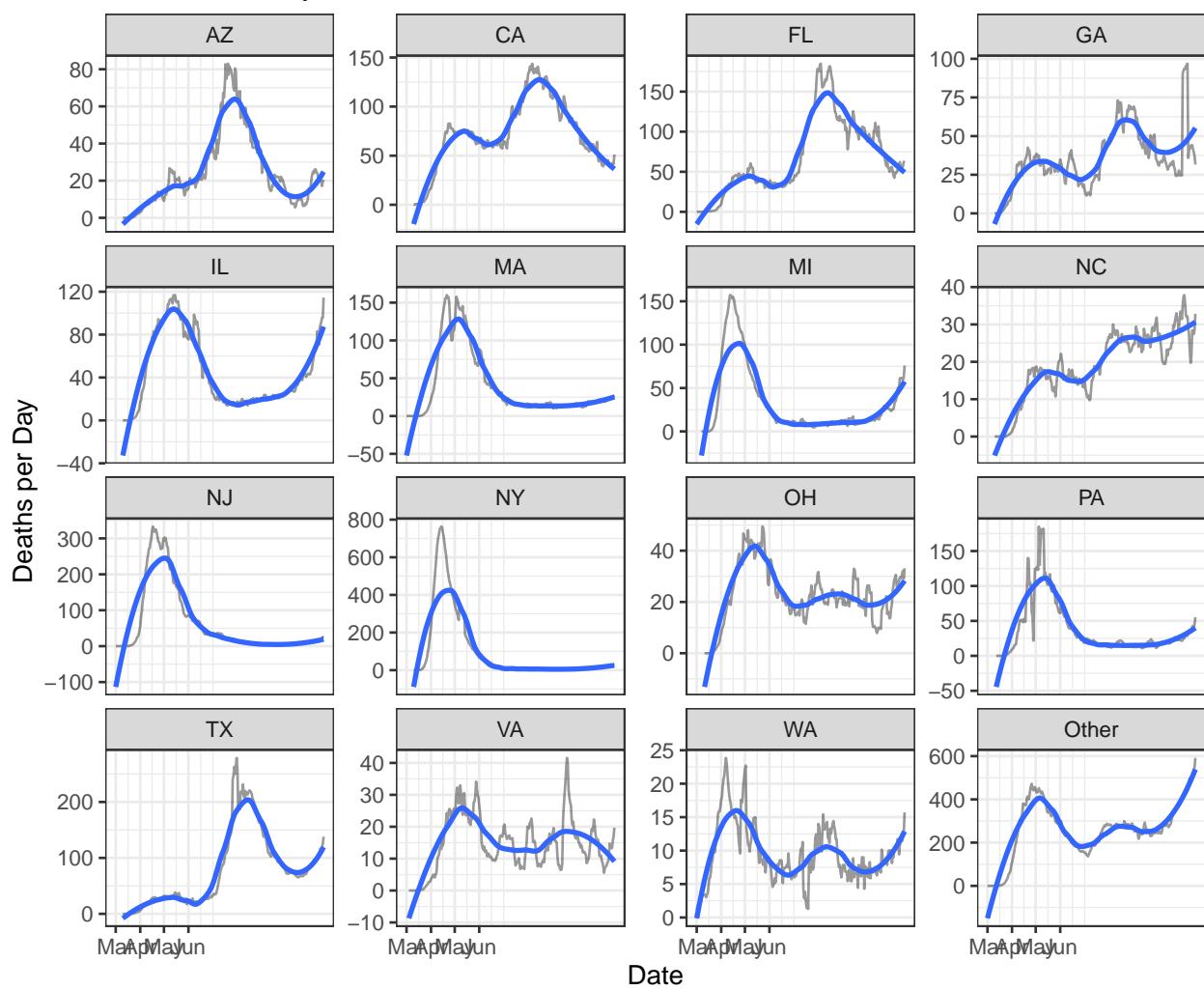
This section summarizes state-level data. Most data are reported for the largest 15 states by population, which account for NaN percent of the total U.S. population.

Deaths

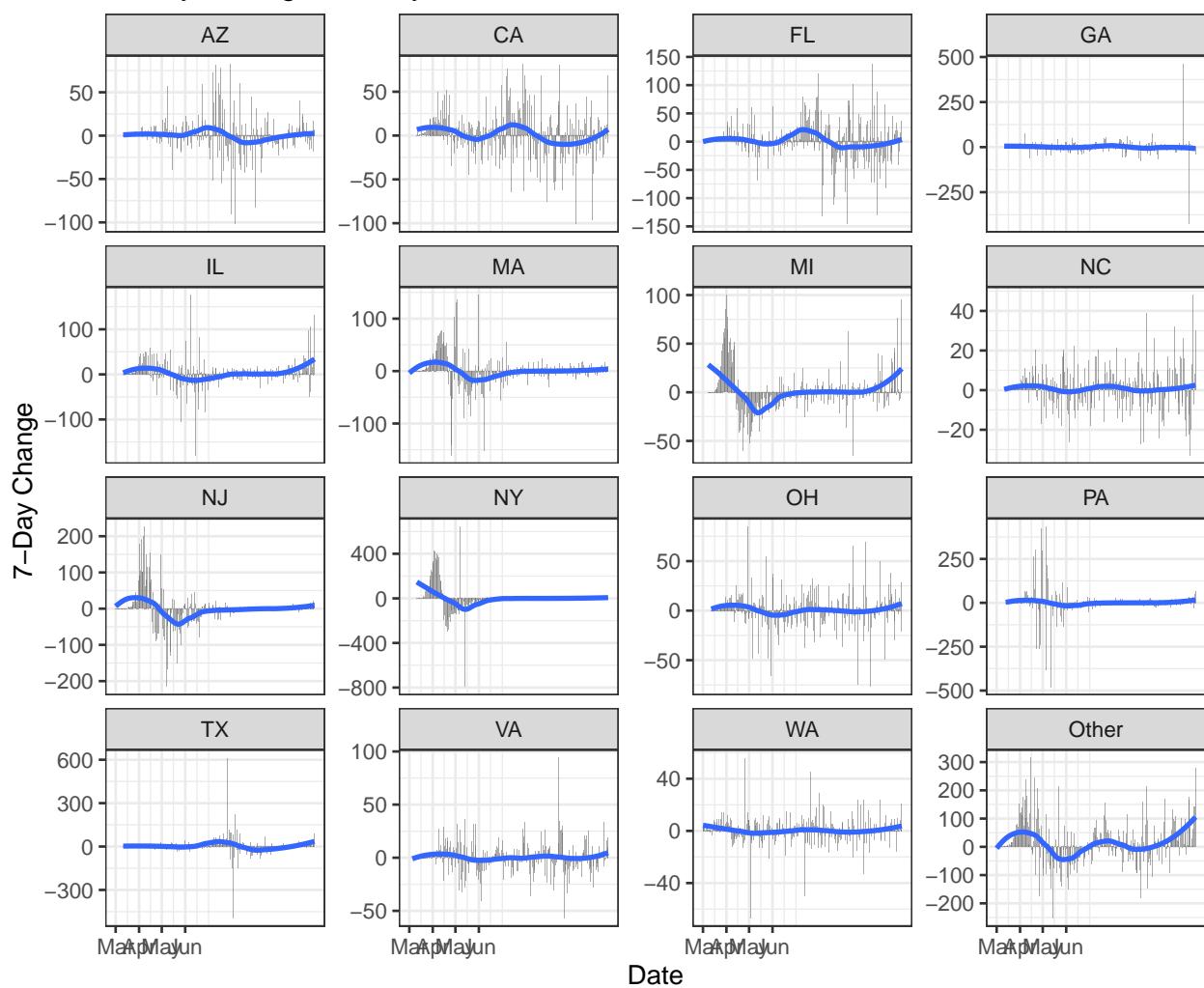
Deaths by State

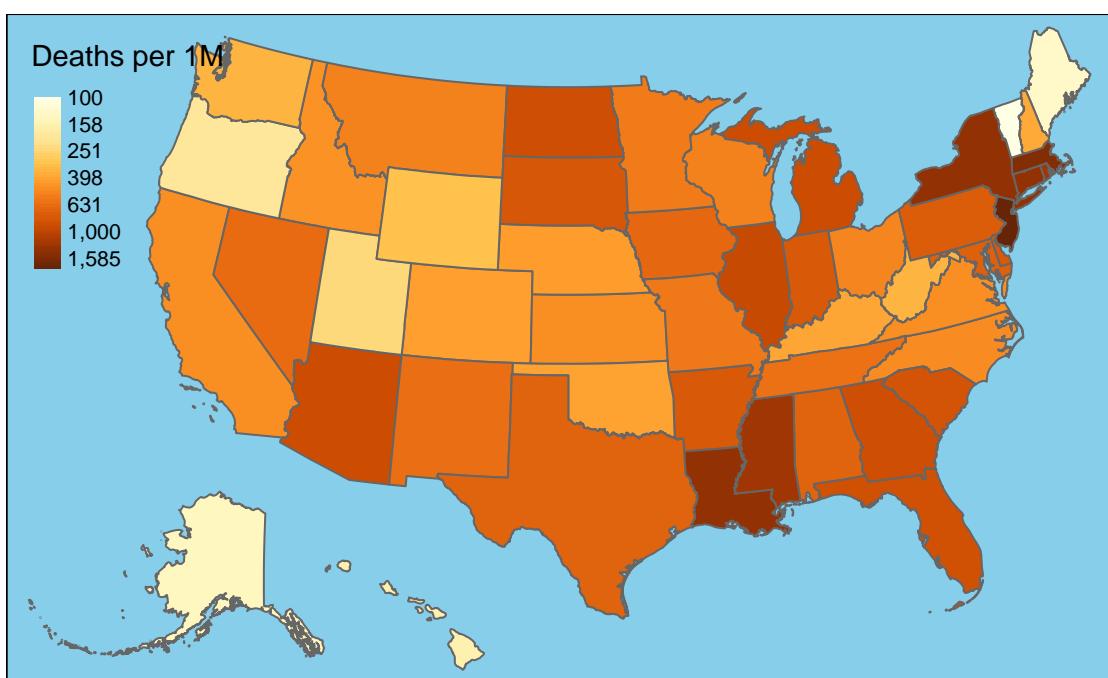
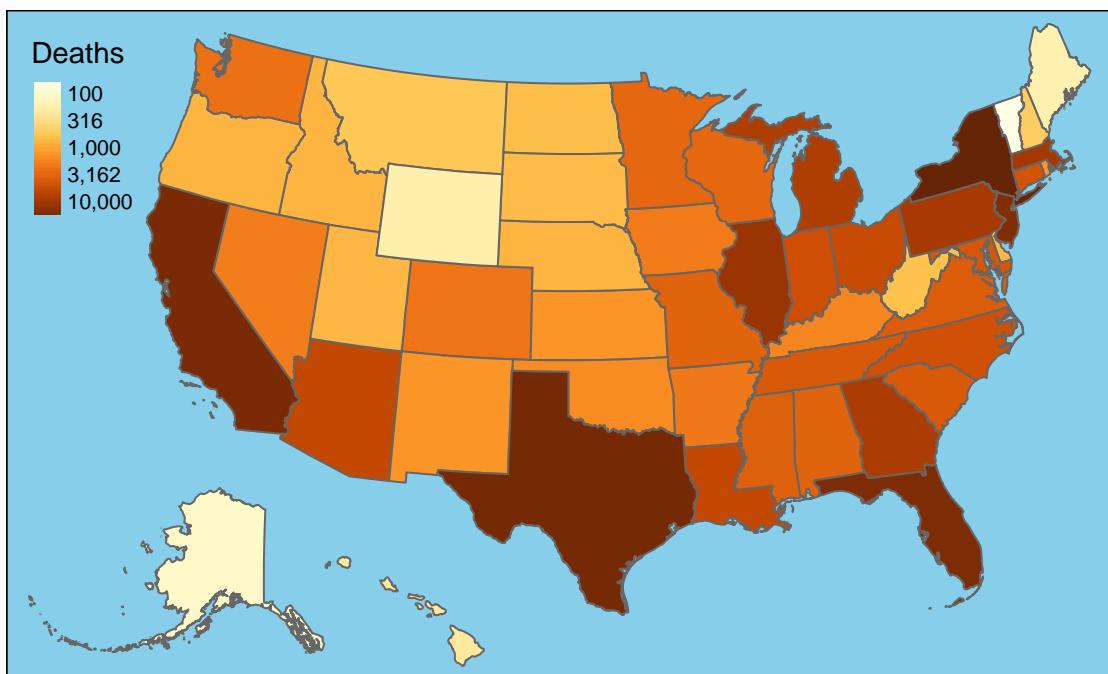


New Deaths by State



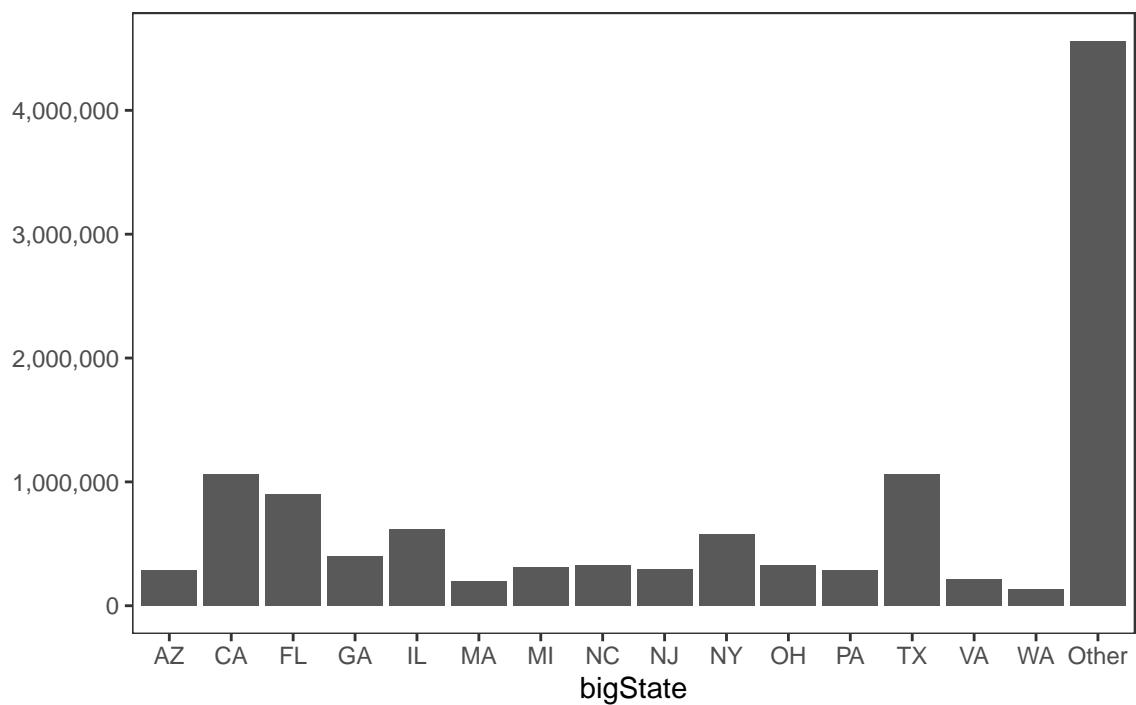
7-Day Change in Daily Deaths



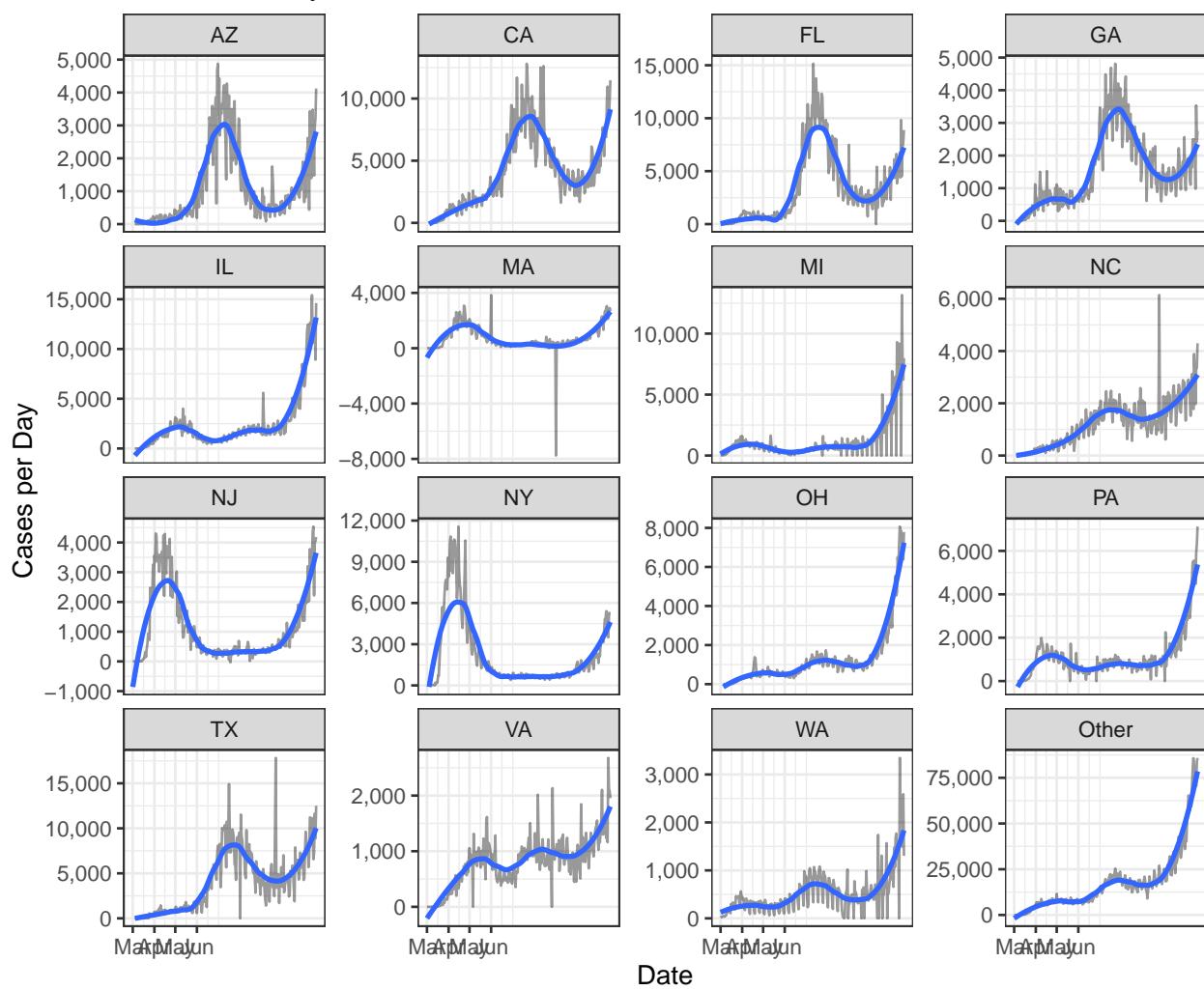


Cases

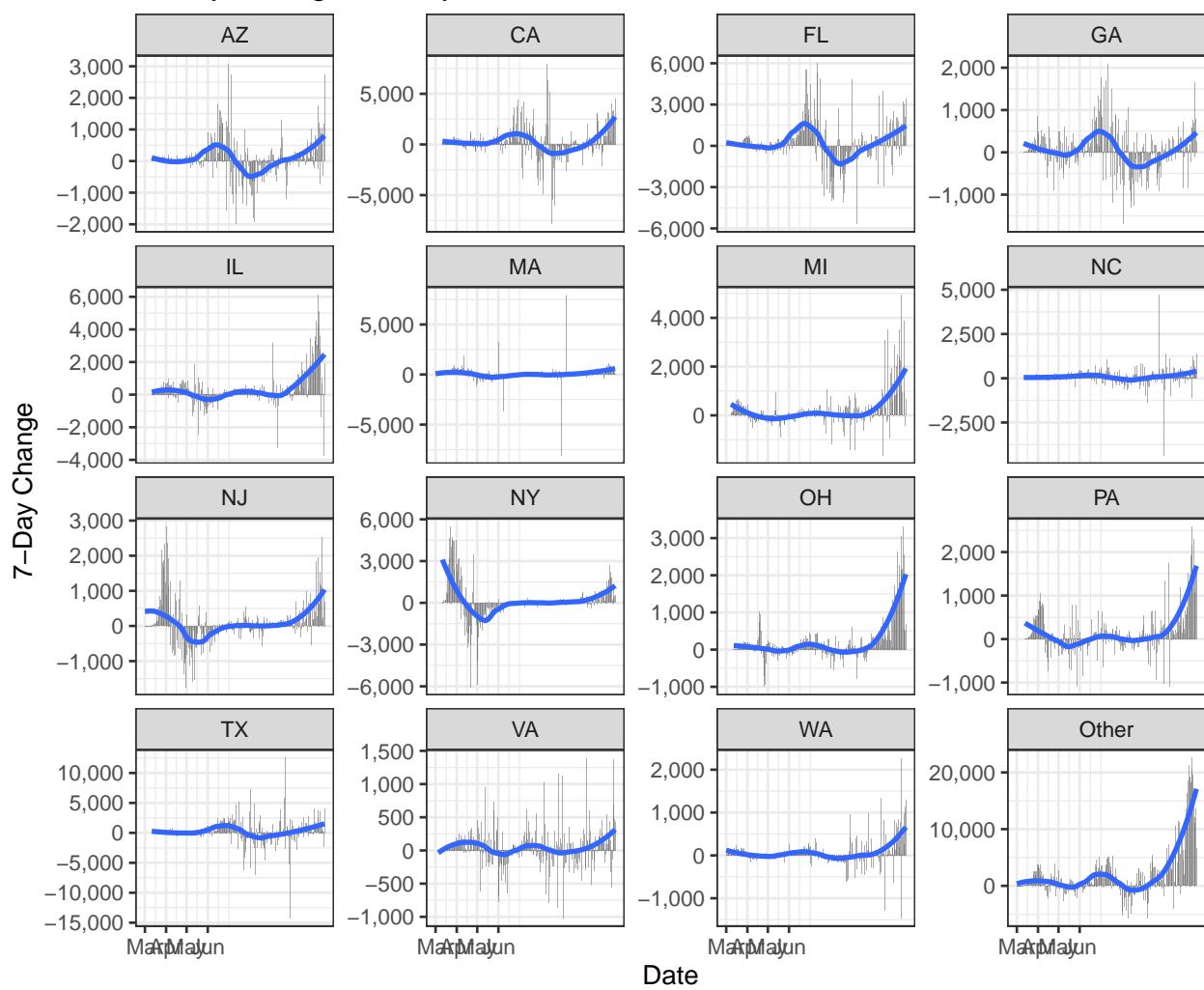
Cases by State

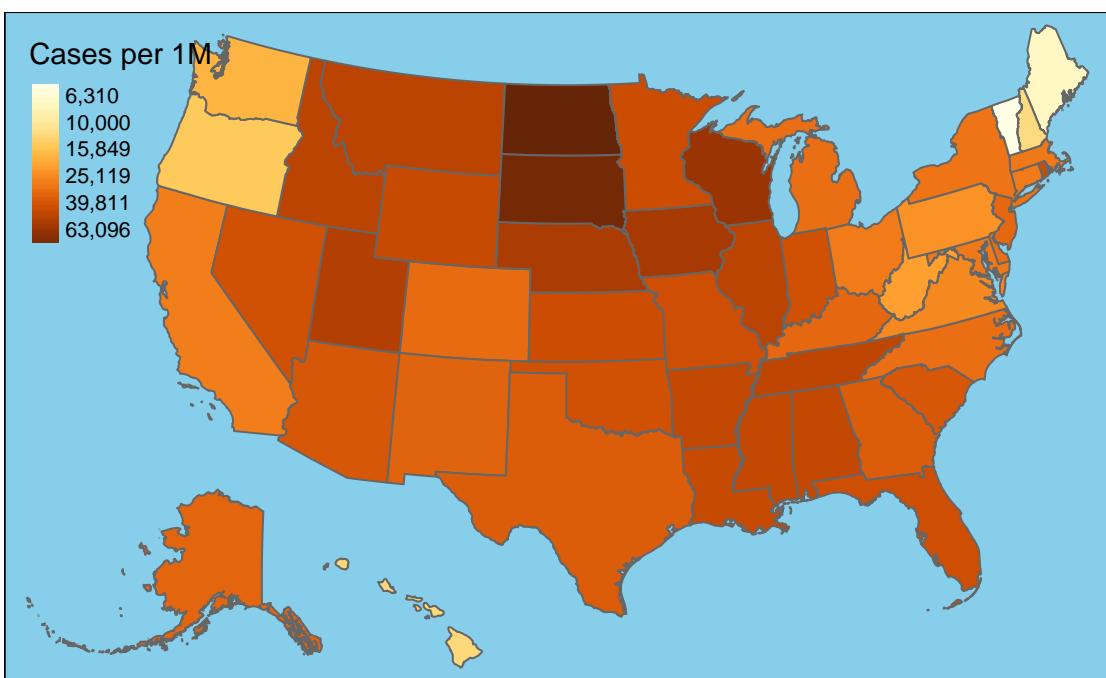
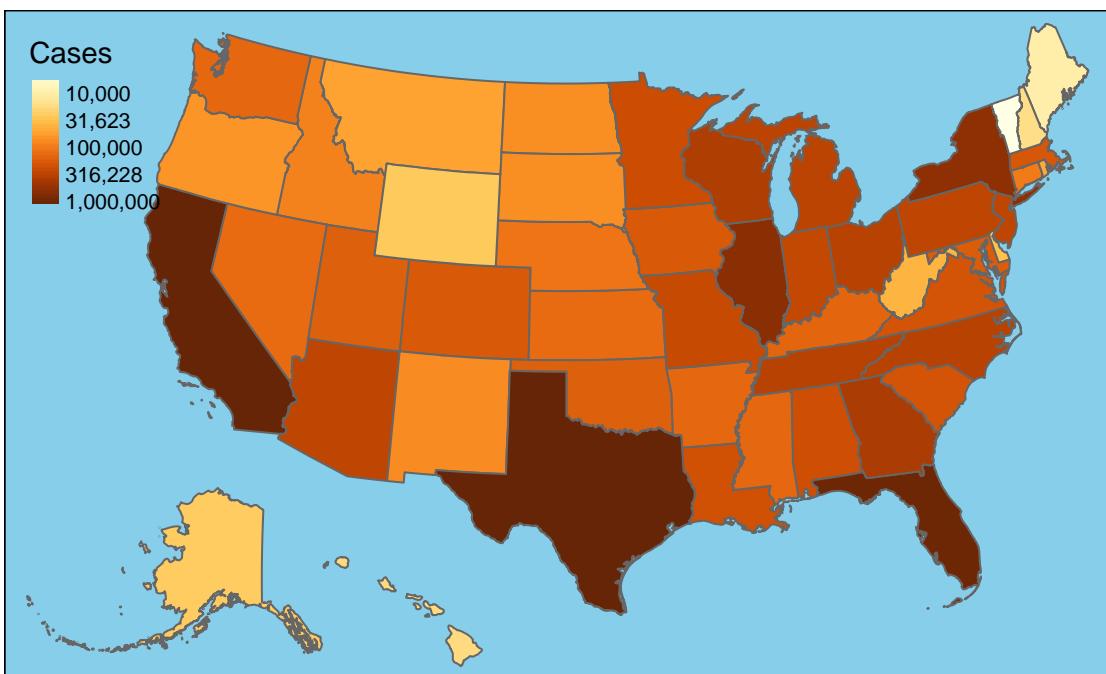


New Cases by State

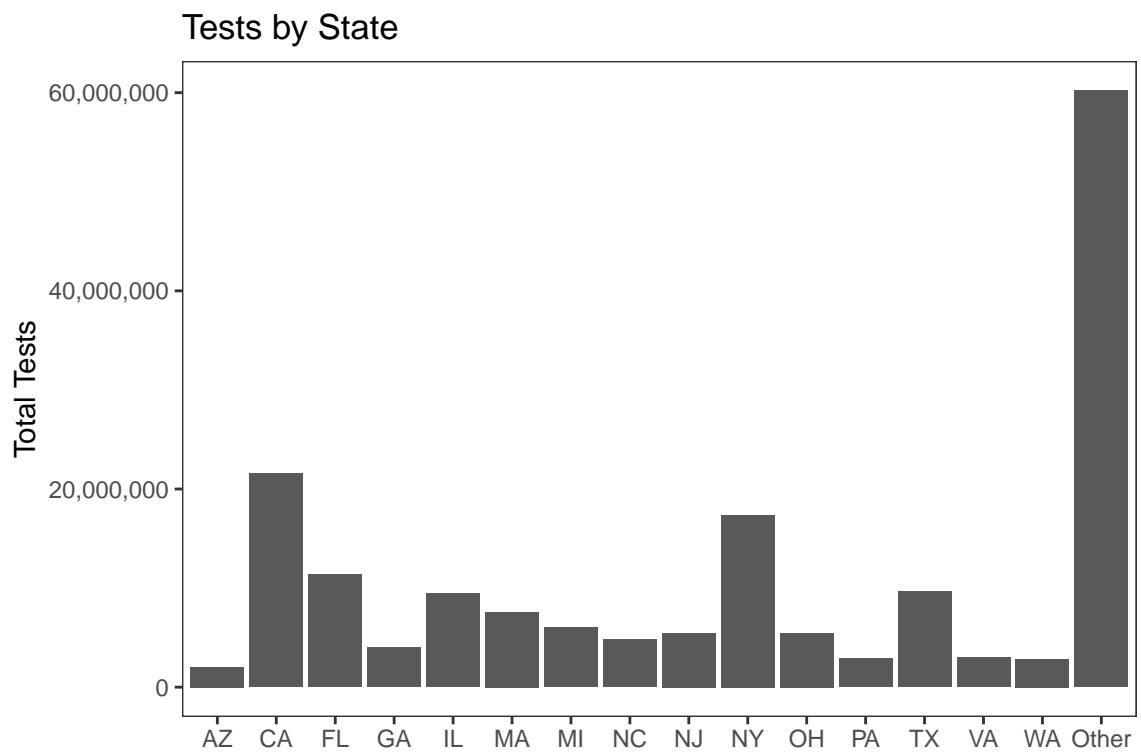


7-Day Change in Daily Cases

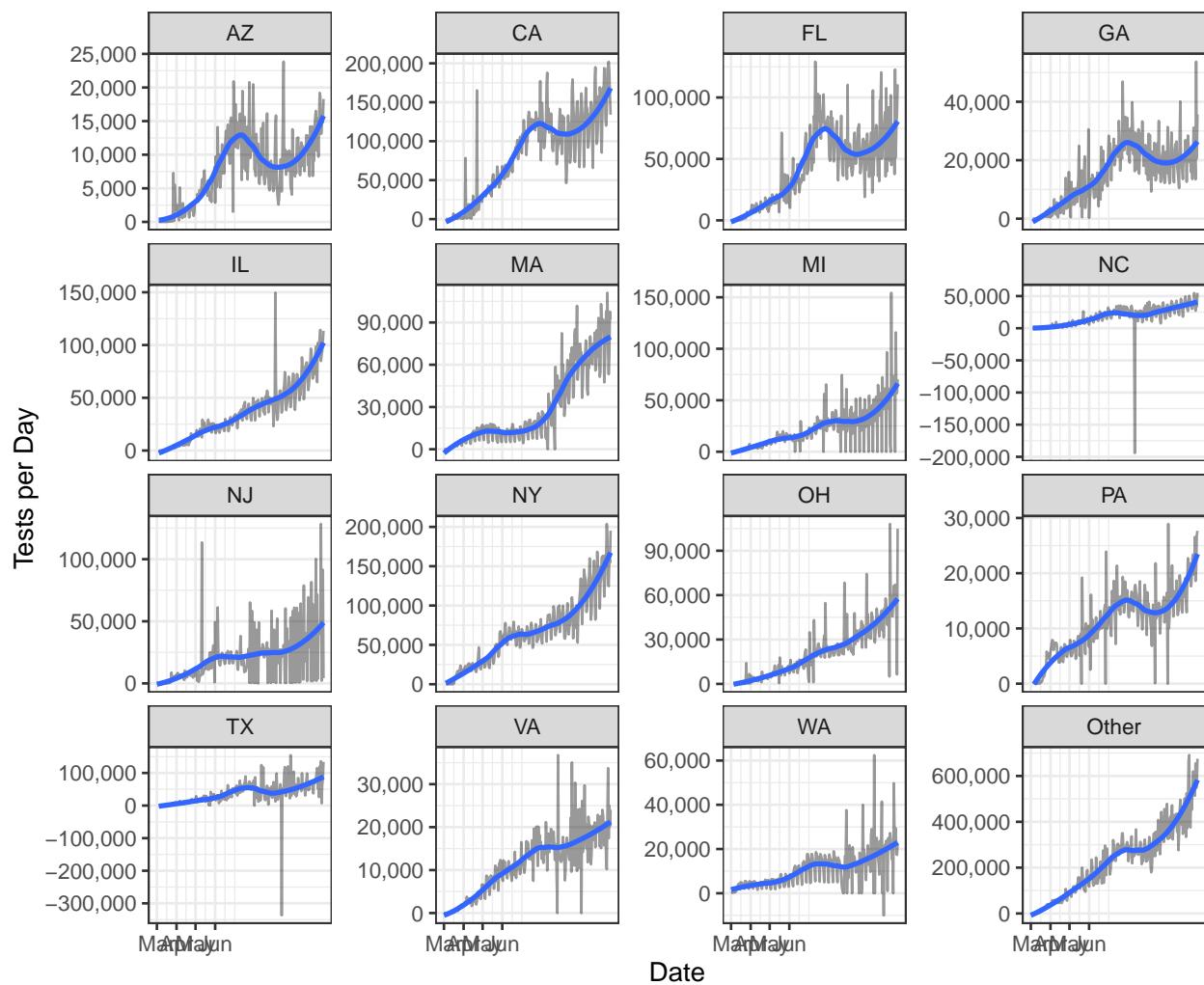


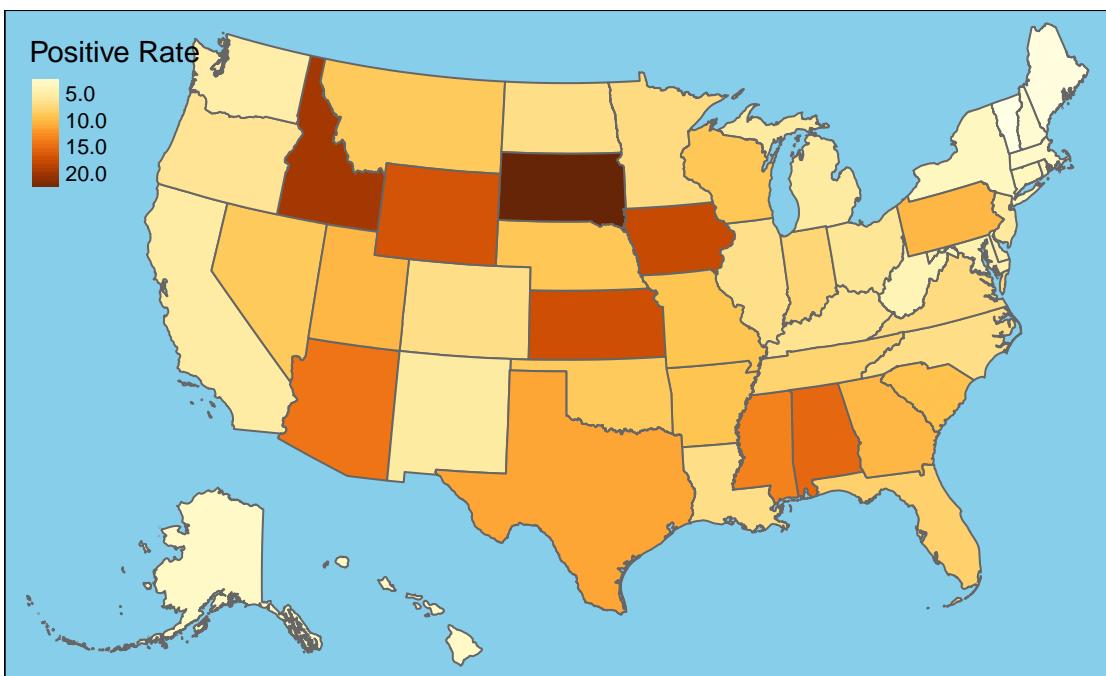
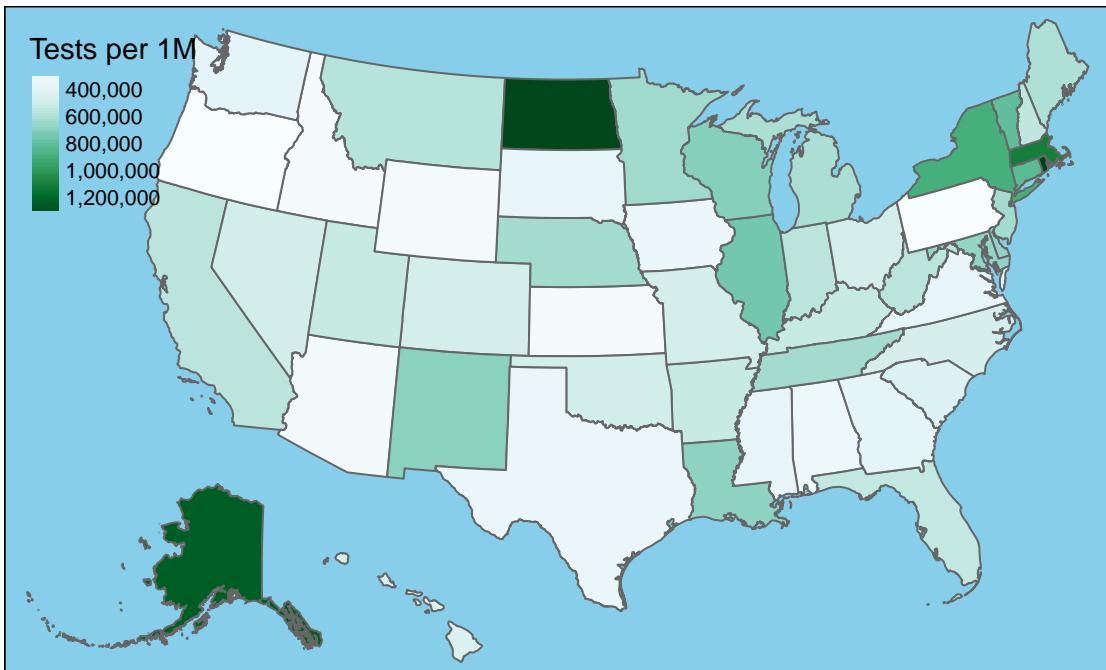


Testing

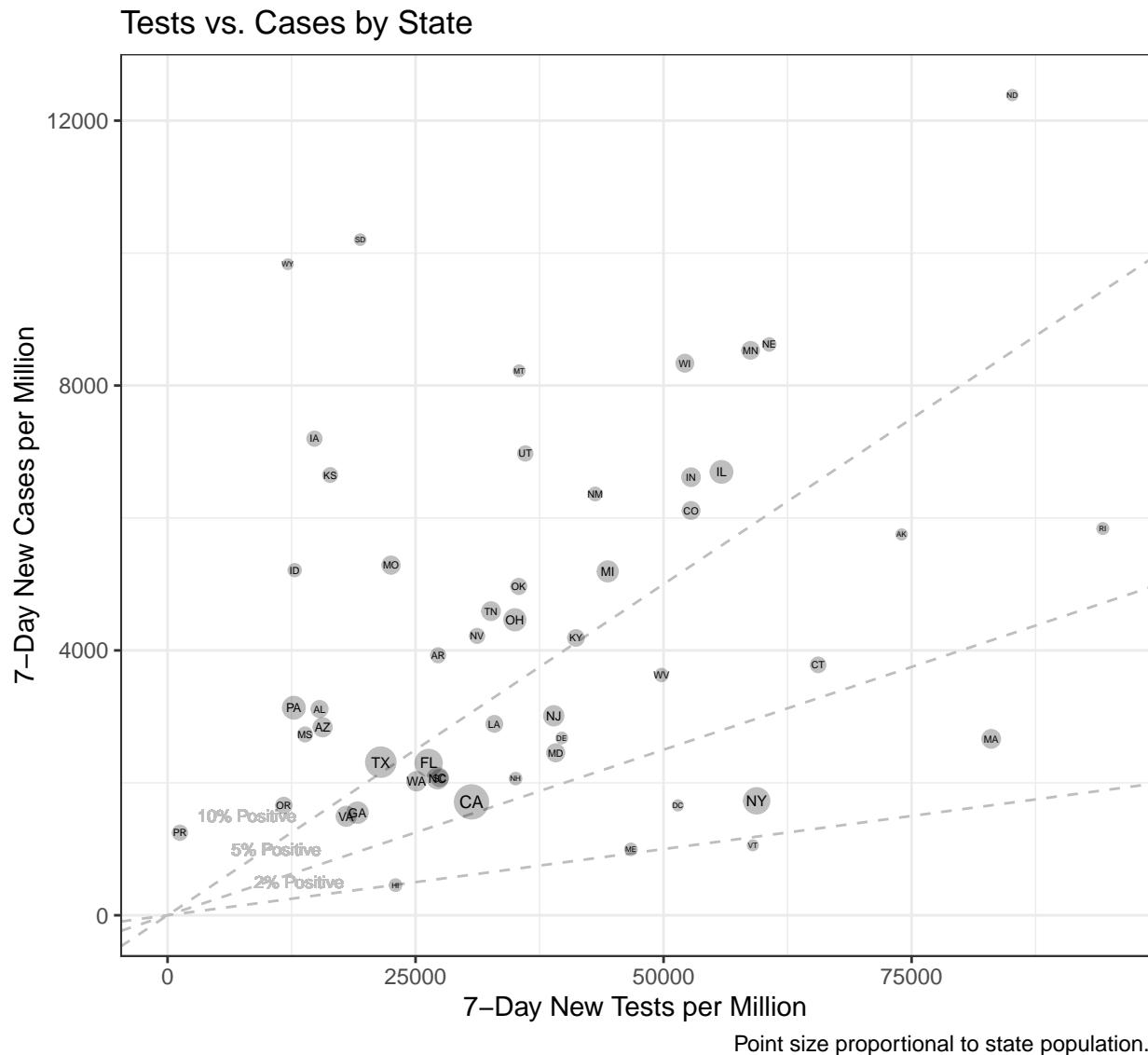


New Tests by State





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.



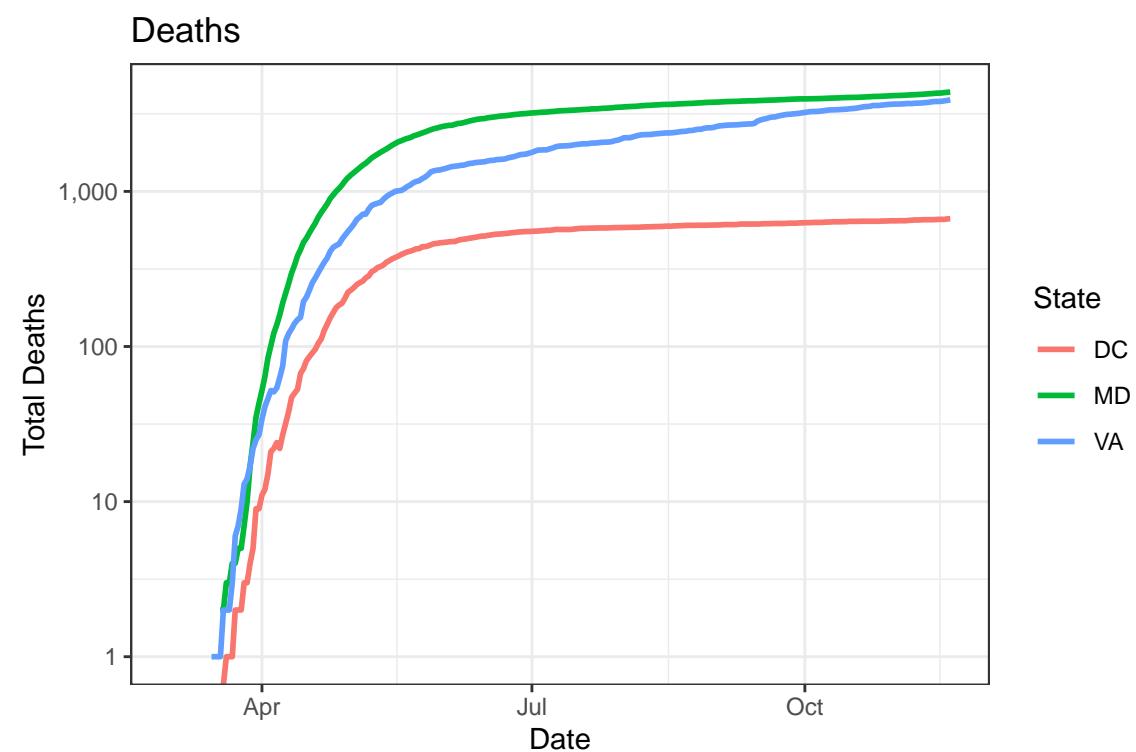
Local Data

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

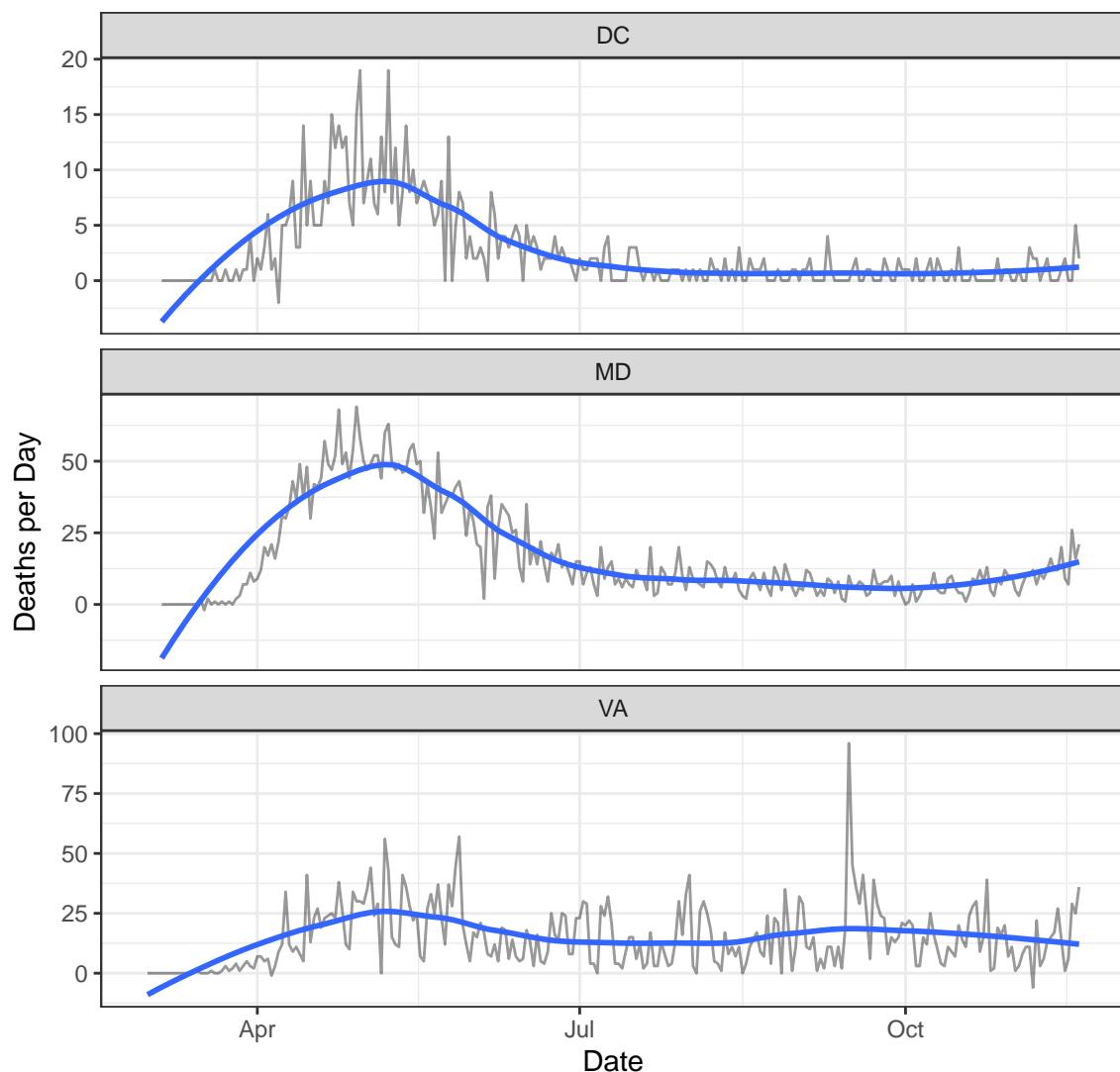
Table 3: Latest Local Data

State	Cases	Deaths	New Cases	New Deaths
DC	19,678	667	213	2
MD	174,733	4,372	2,910	21
VA	210,787	3,896	1,954	36

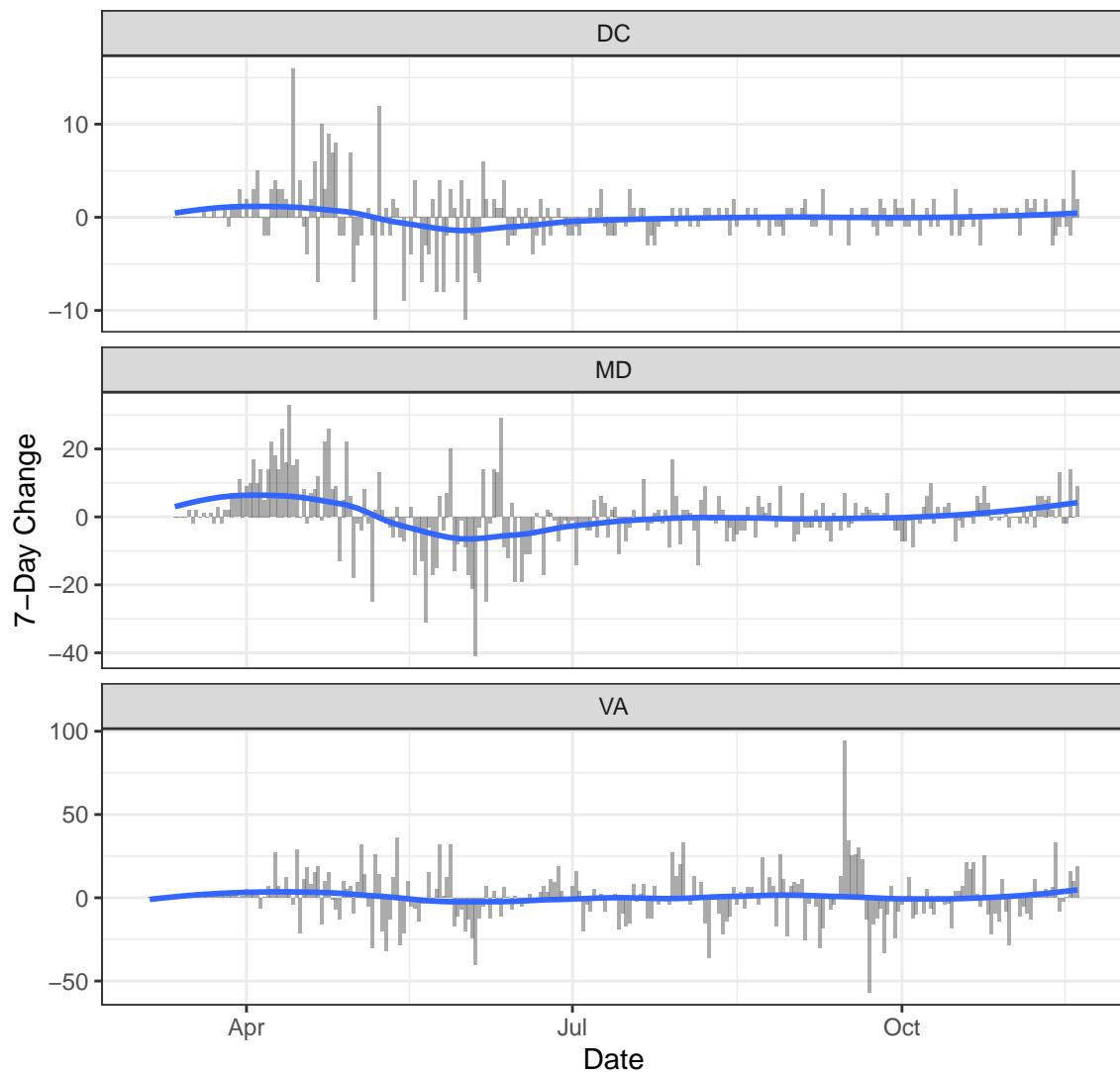
Deaths

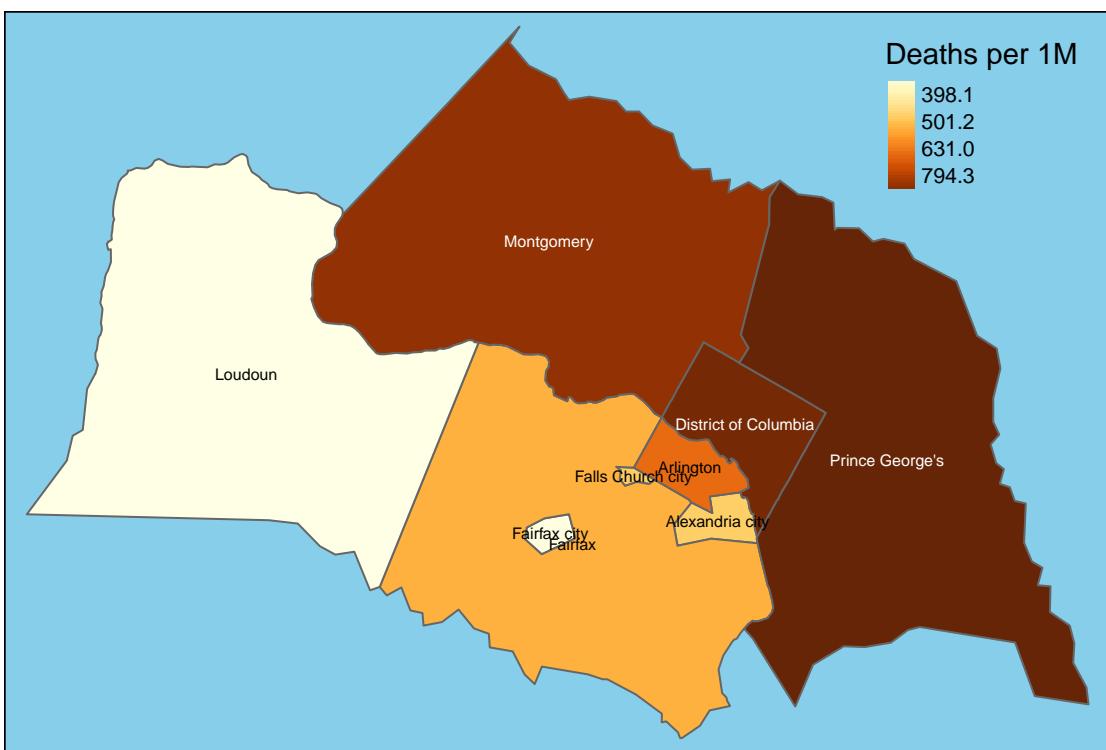
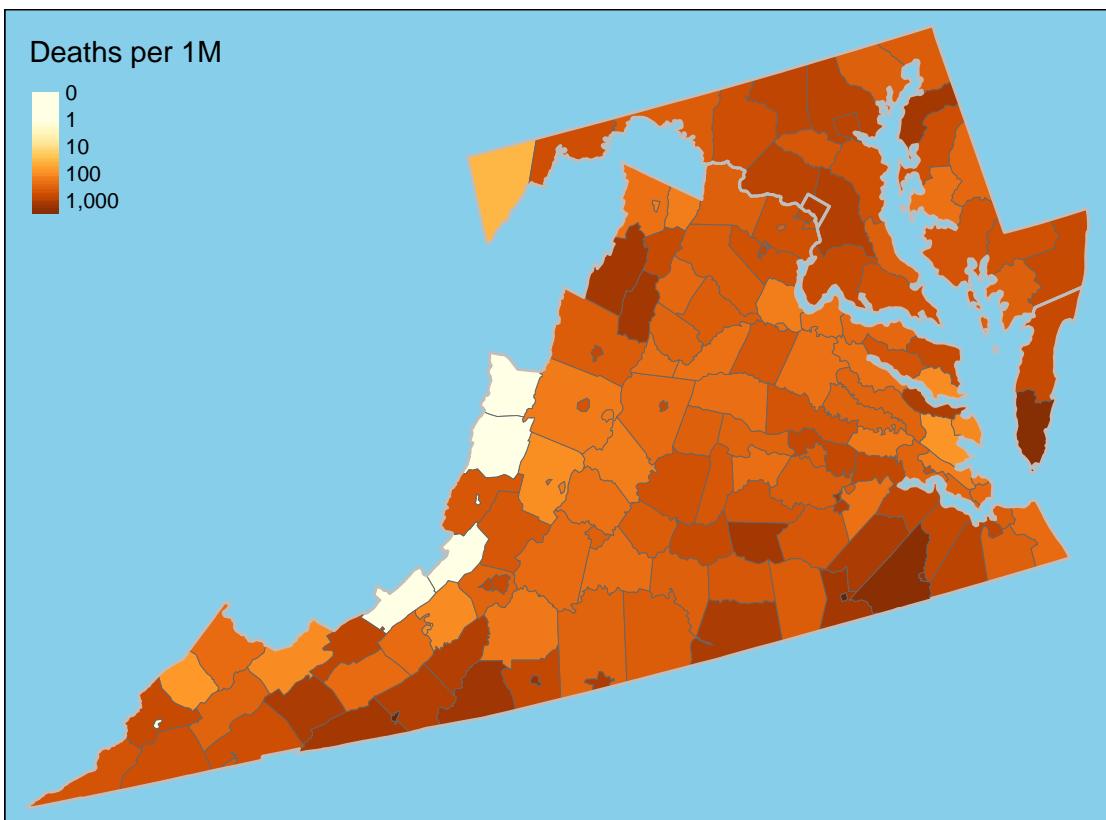


New Deaths

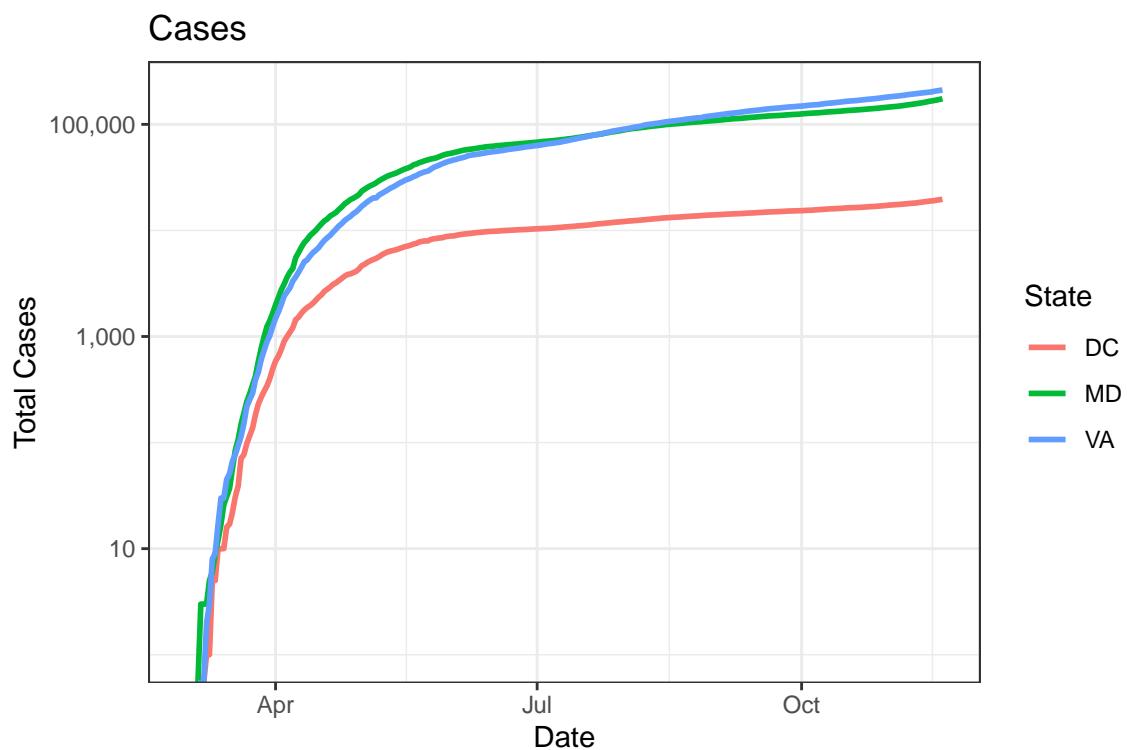


One-Week Change in Daily Deaths

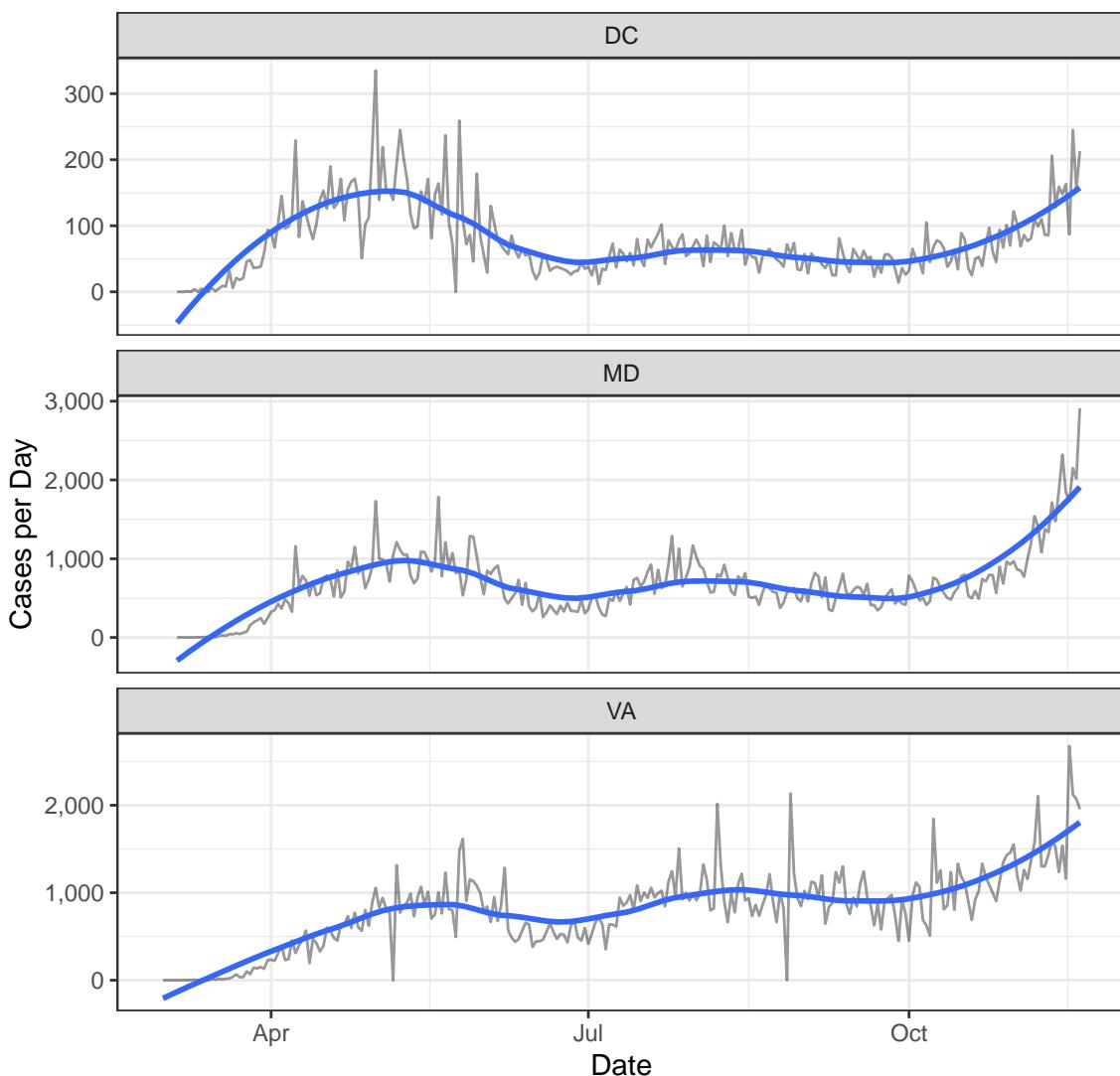




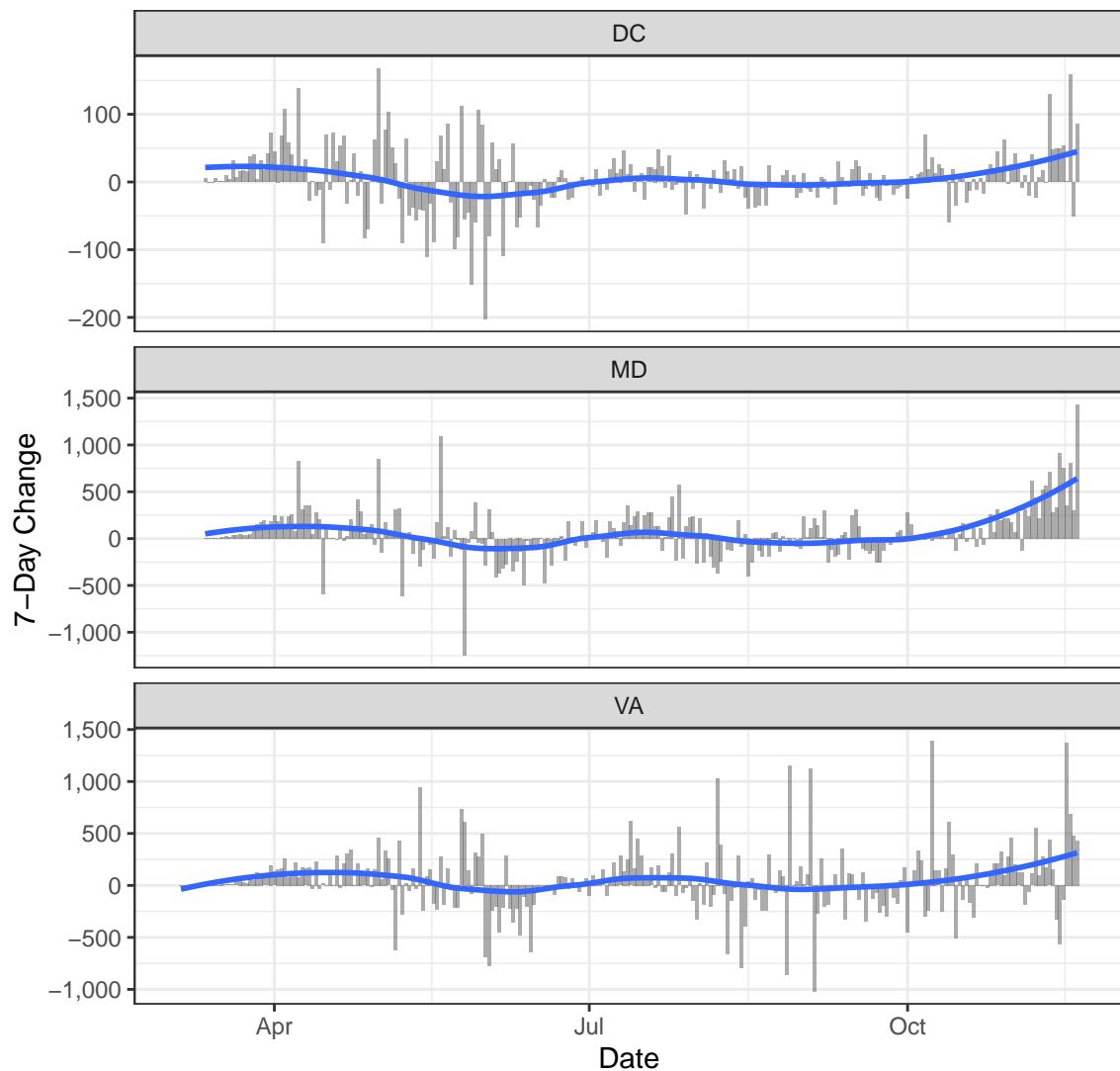
Cases

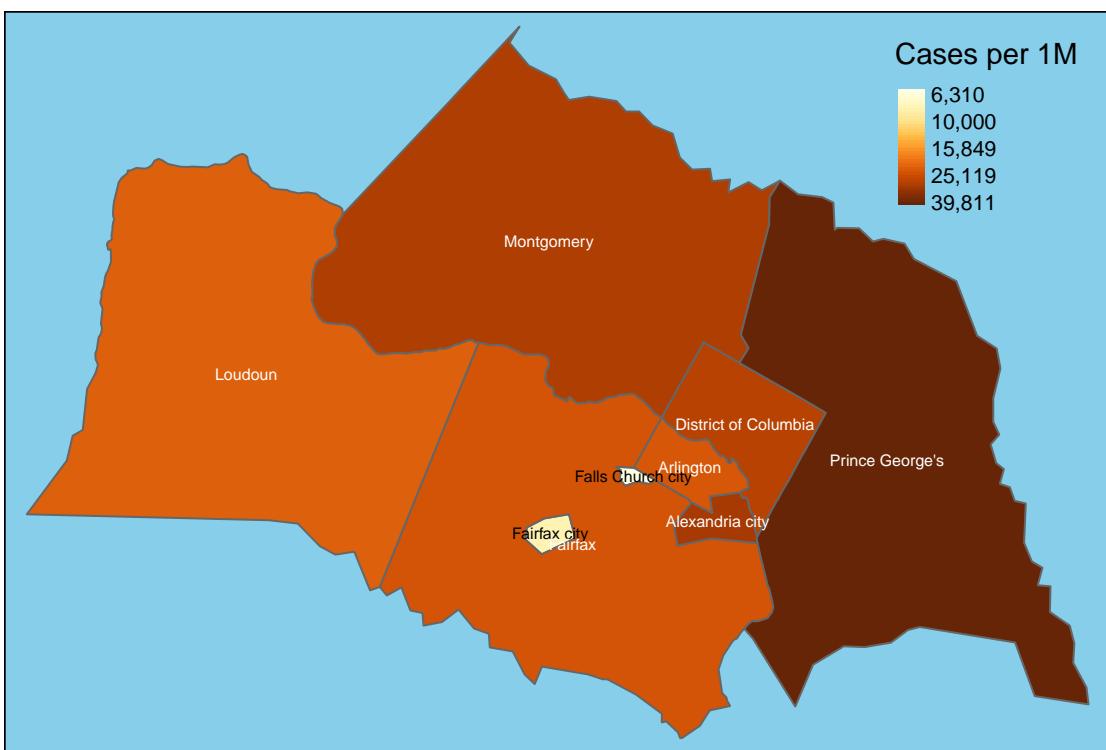
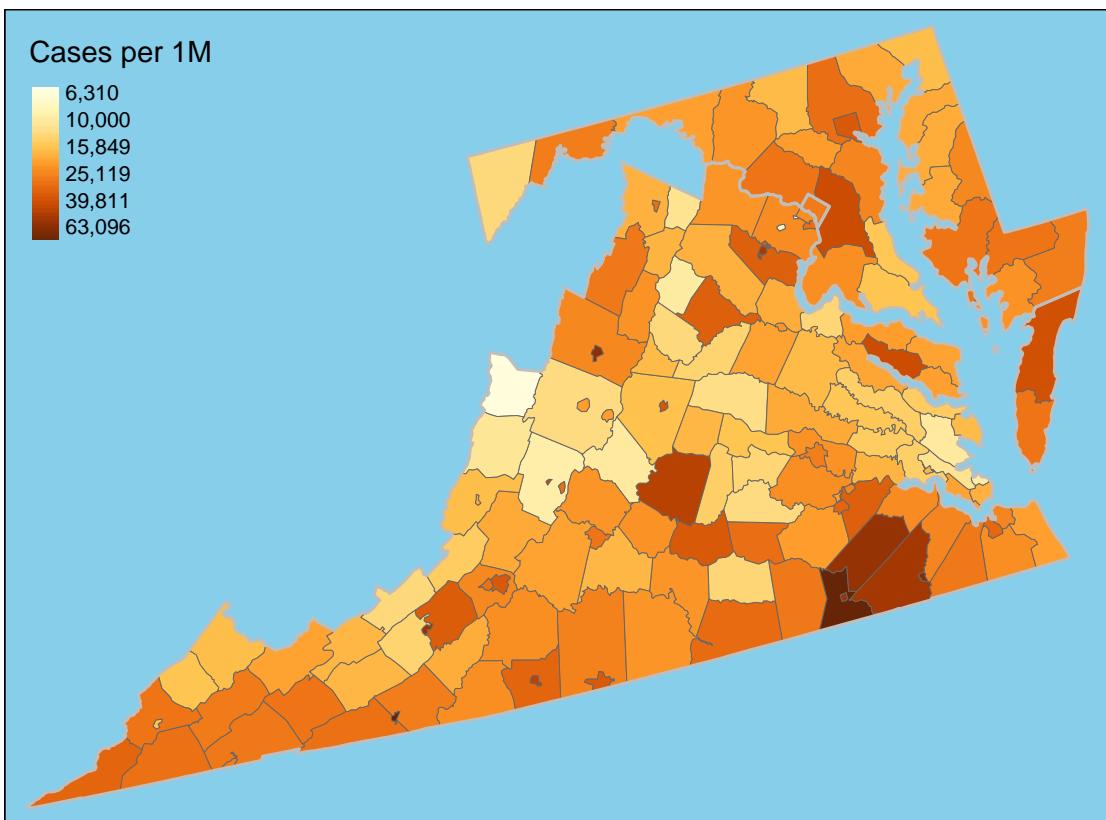


New Cases

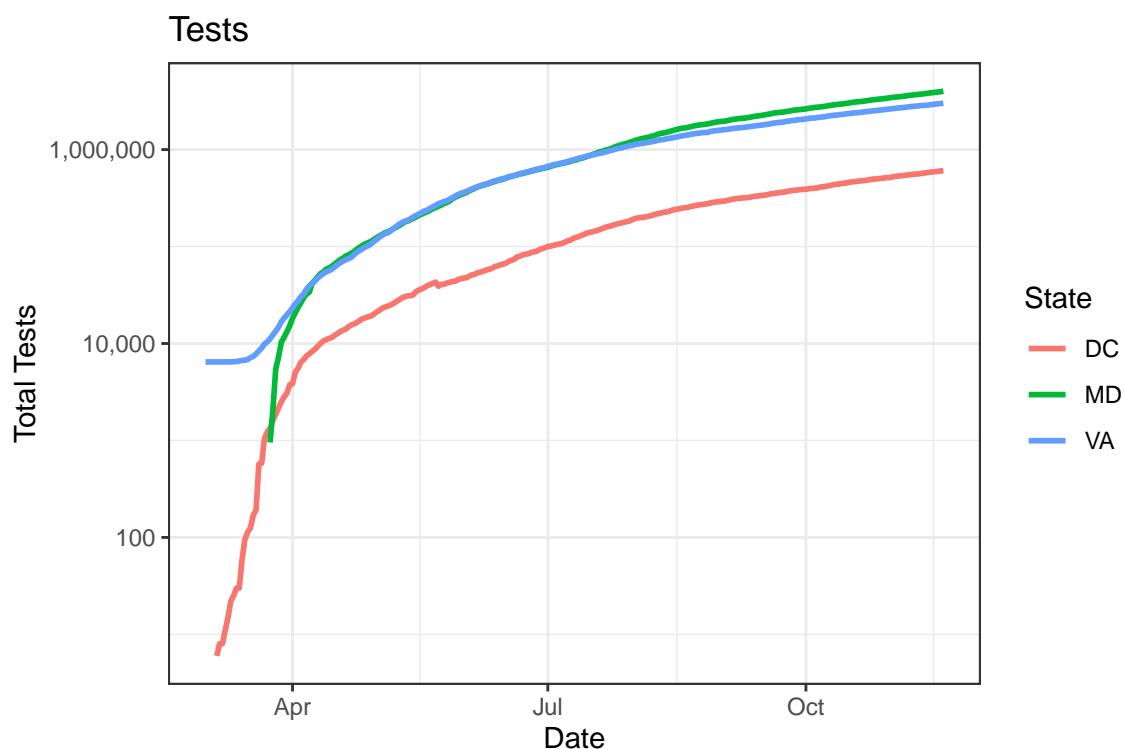


One-Week Change in Daily Cases

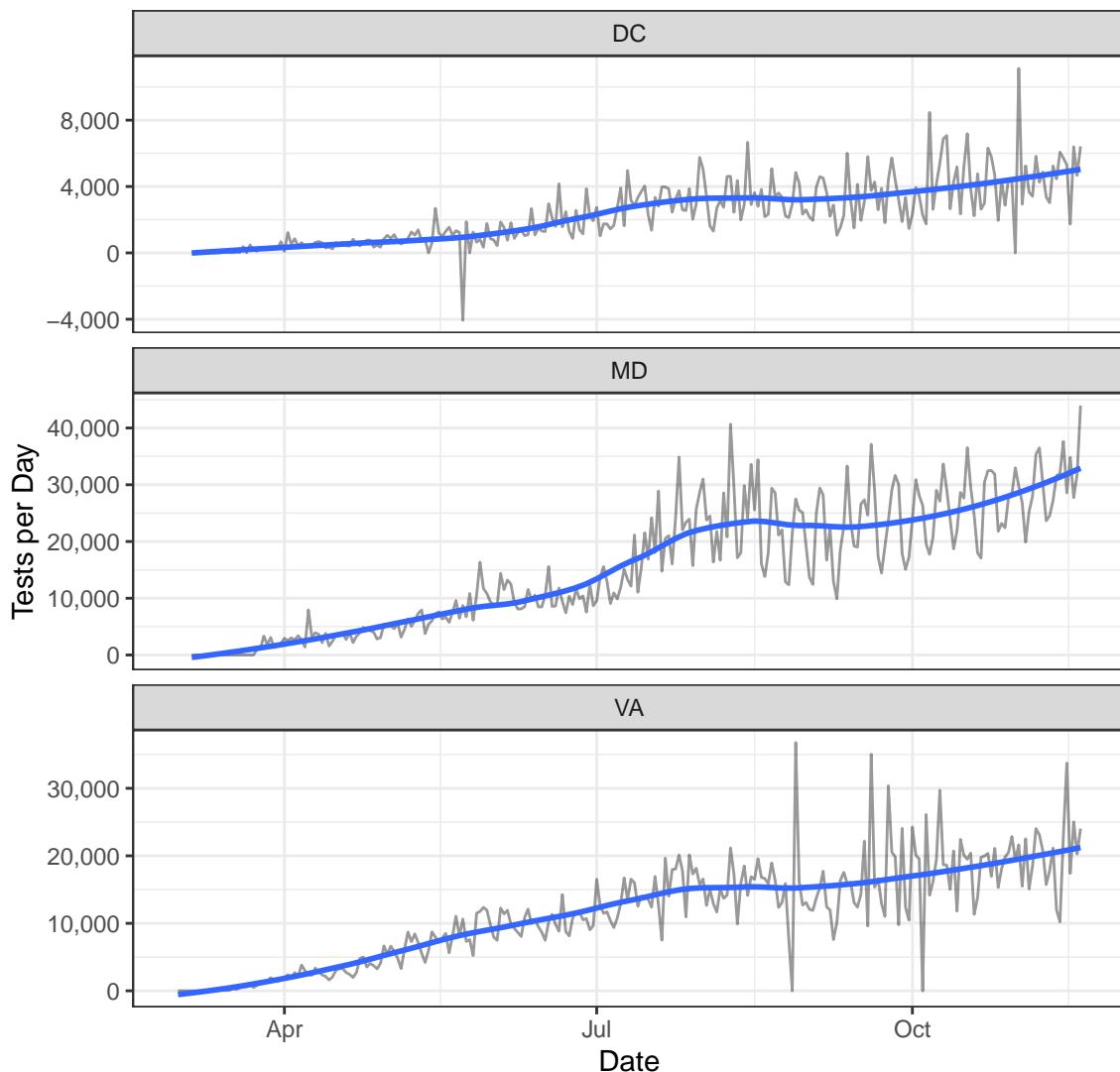




Testing



New Tests



Positive Test Rate

