

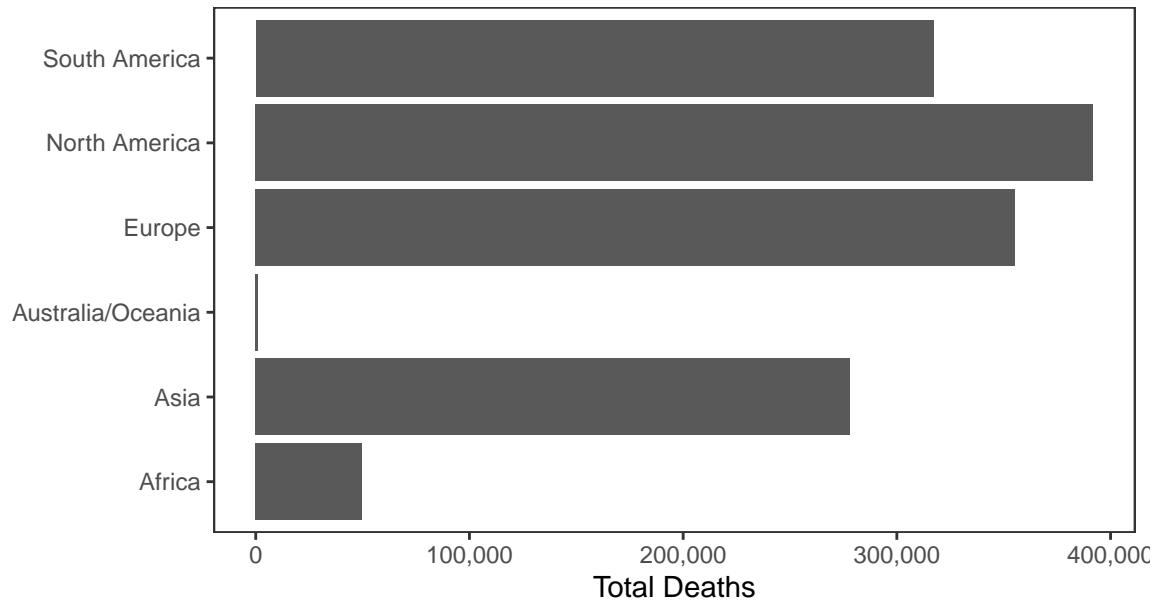
Erik's Covid-19 Chart Pack

Data updated 2020-11-23 08:14:42. 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 58,970,936 confirmed Covid-19 cases and 1,393,233 deaths worldwide.

Deaths



Cases

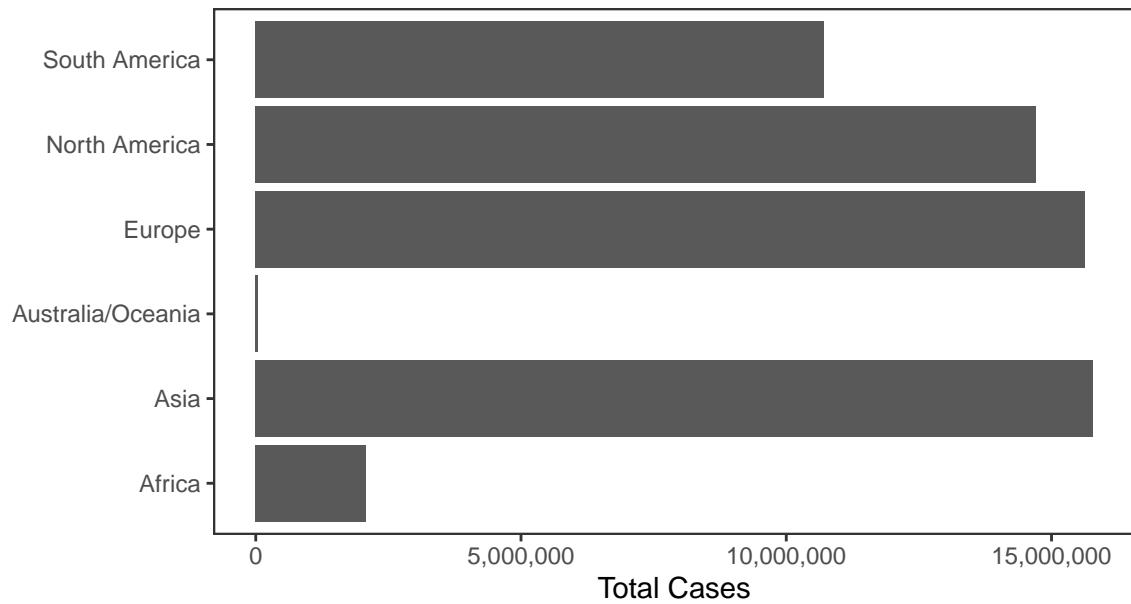
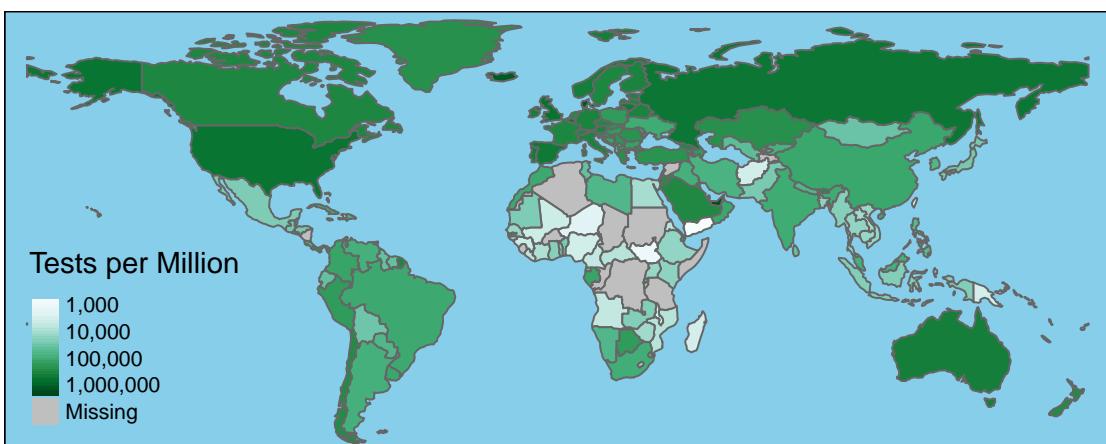
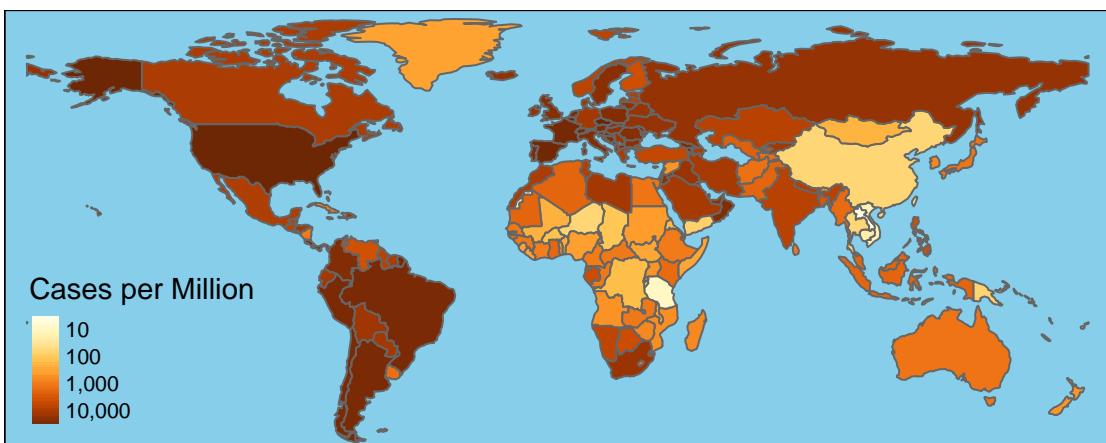
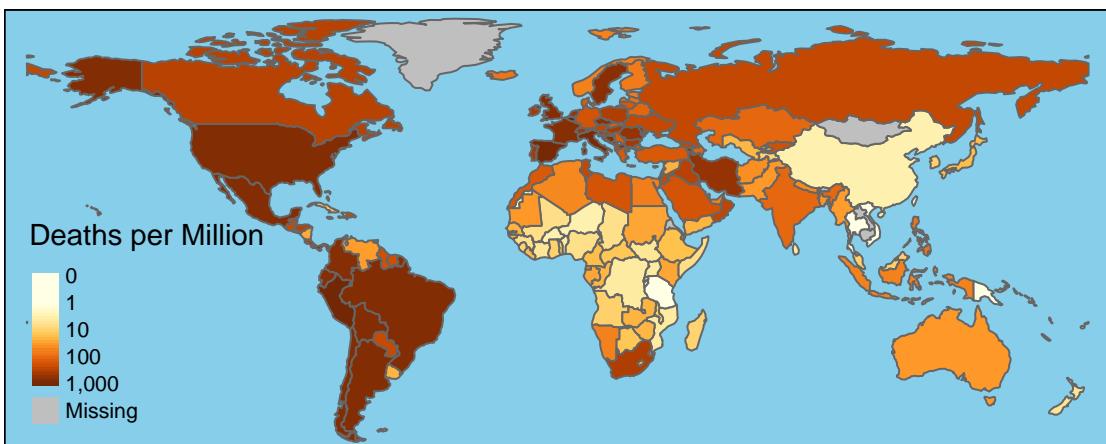


Table 1: Top Countries by Total Cases

Country	Cases	Deaths	New Cases	New Deaths
USA	12,589,088	262,701	137,010	871
India	9,140,312	133,773	44,404	510
Brazil	6,071,401	169,197	18,615	181
France	2,140,208	48,732	13,157	214
Russia	2,089,329	36,179	24,581	401
Spain	1,589,219	42,619	0	0
UK	1,512,045	55,024	18,662	398
Italy	1,408,868	49,823	28,337	562
Argentina	1,370,366	37,002	4,184	100
Colombia	1,248,417	35,287	7,924	183
Mexico	1,032,688	101,373	6,719	550
Peru	949,670	35,595	1,589	46
Germany	932,111	14,343	13,840	104
Poland	861,331	13,618	18,467	330
Iran	854,361	44,802	13,053	475
South Africa	767,679	20,903	2,270	58
Ukraine	624,744	10,951	12,079	138
Belgium	556,904	15,522	3,224	170
Chile	540,640	15,069	1,497	39
Iraq	535,321	11,958	1,766	33



National Data

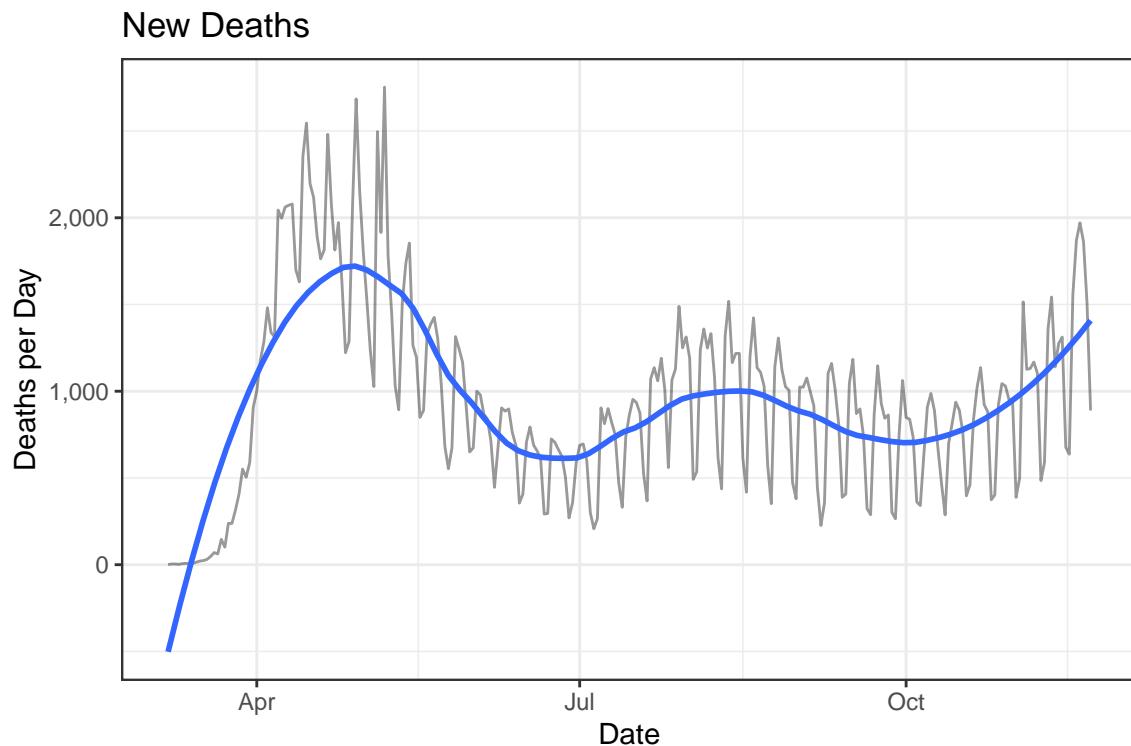
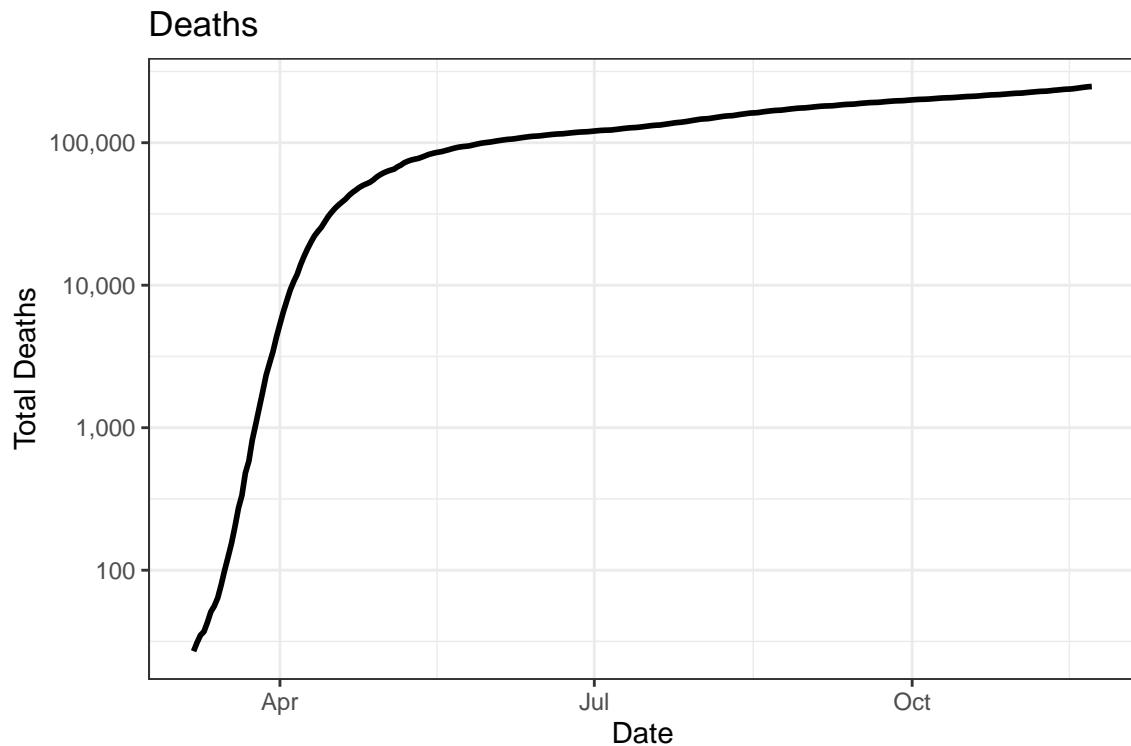
There have been 12,077,354 confirmed Covid-19 cases and 247,932 deaths in the United States.

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

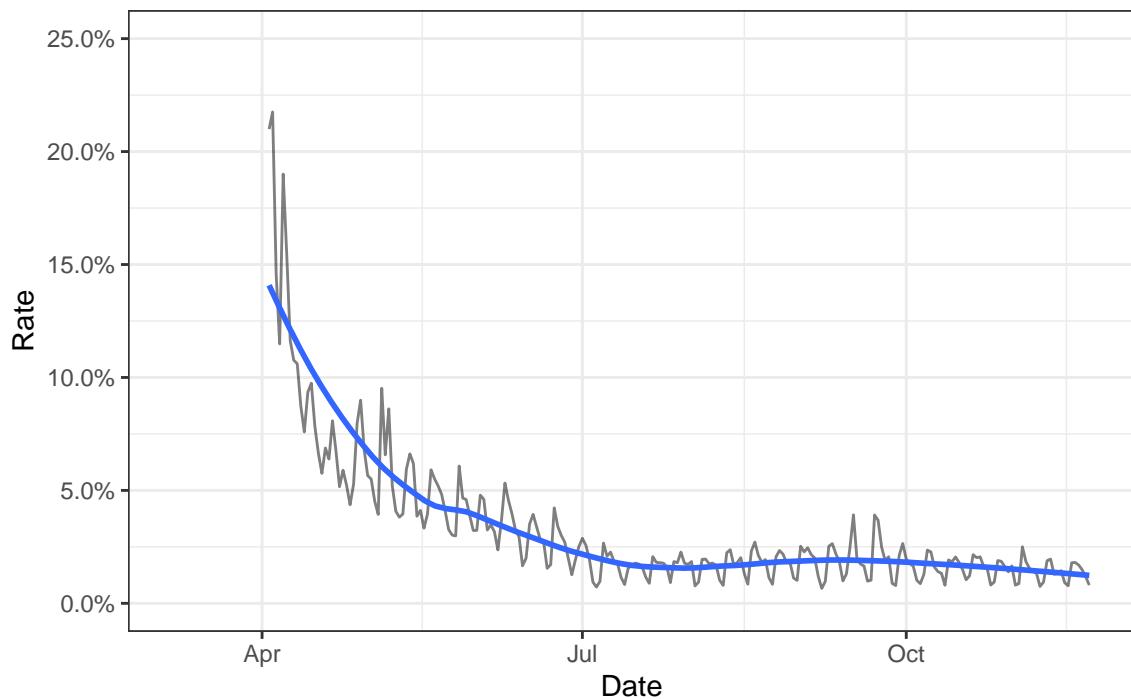
Date	Cases	Deaths	New Cases	New Deaths
2020-11-22	12,077,354	247,932	150,098	889
2020-11-21	11,927,256	247,043	178,309	1,506
2020-11-20	11,748,947	245,537	192,805	1,862
2020-11-19	11,556,142	243,675	182,832	1,971
2020-11-18	11,373,310	241,704	163,975	1,869
2020-11-17	11,209,335	239,835	156,722	1,555
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
2020-11-10	10,126,861	231,695	131,182	1,360
2020-11-09	9,995,679	230,335	119,432	589

Deaths

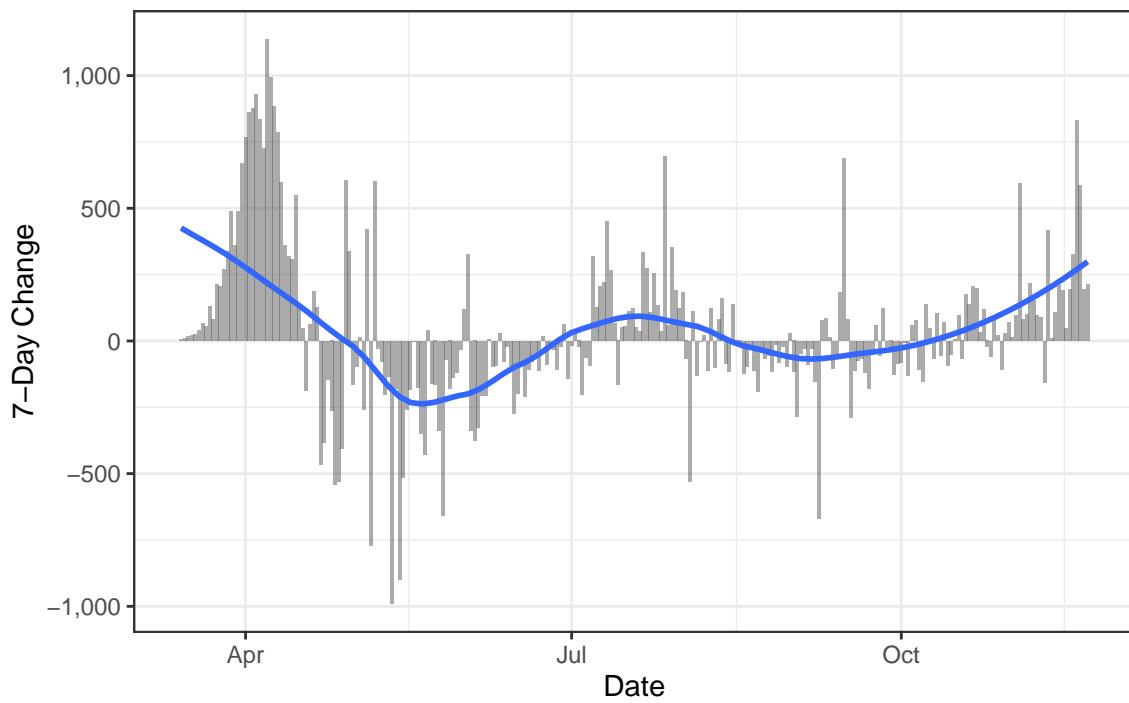
Because the effects of the virus can take several weeks to manifest in patients, deaths are a lagging indicator of contagion, but they may be a more reliable than case counts, which are a function of both the prevalence of the disease and the rate of testing. The case mortality rate is a very crude indicator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

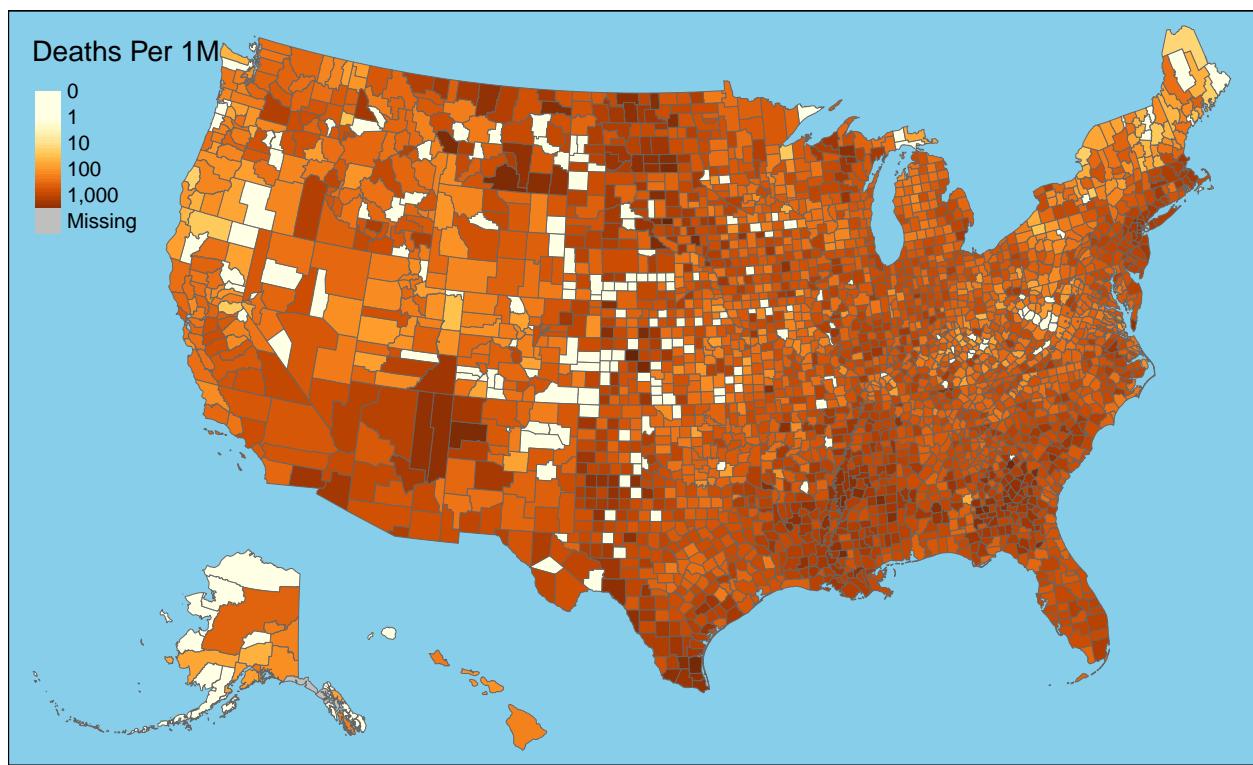


Daily Case Mortality Rate



One-Week Change in Daily Deaths

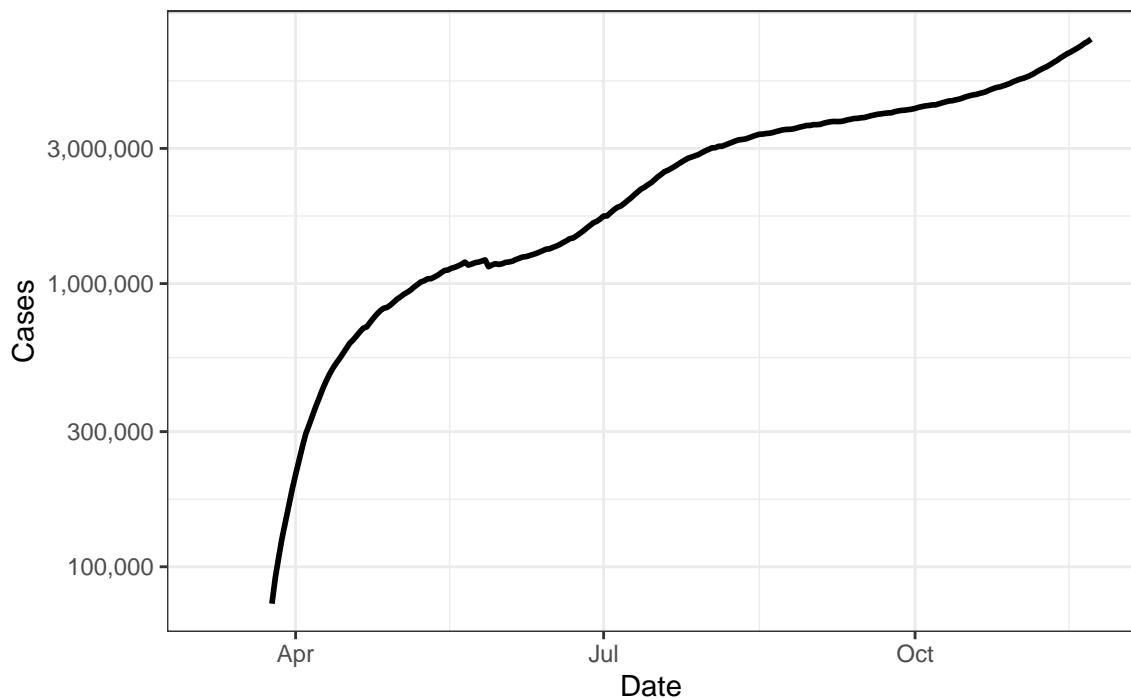




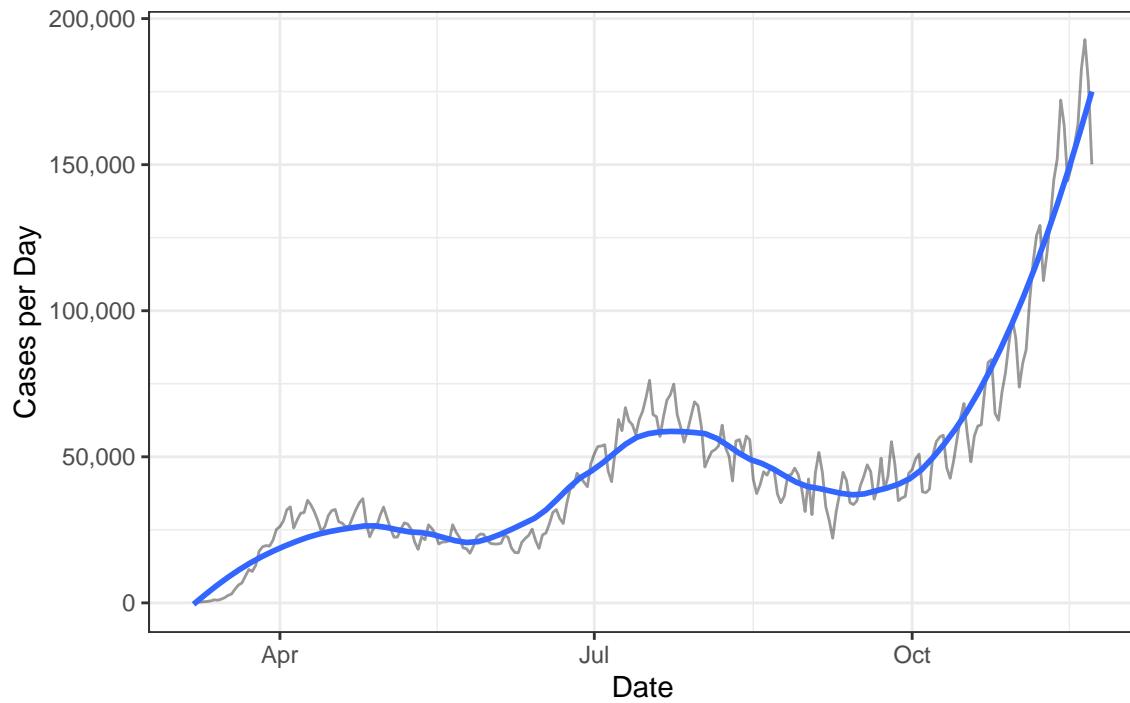
Cases

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

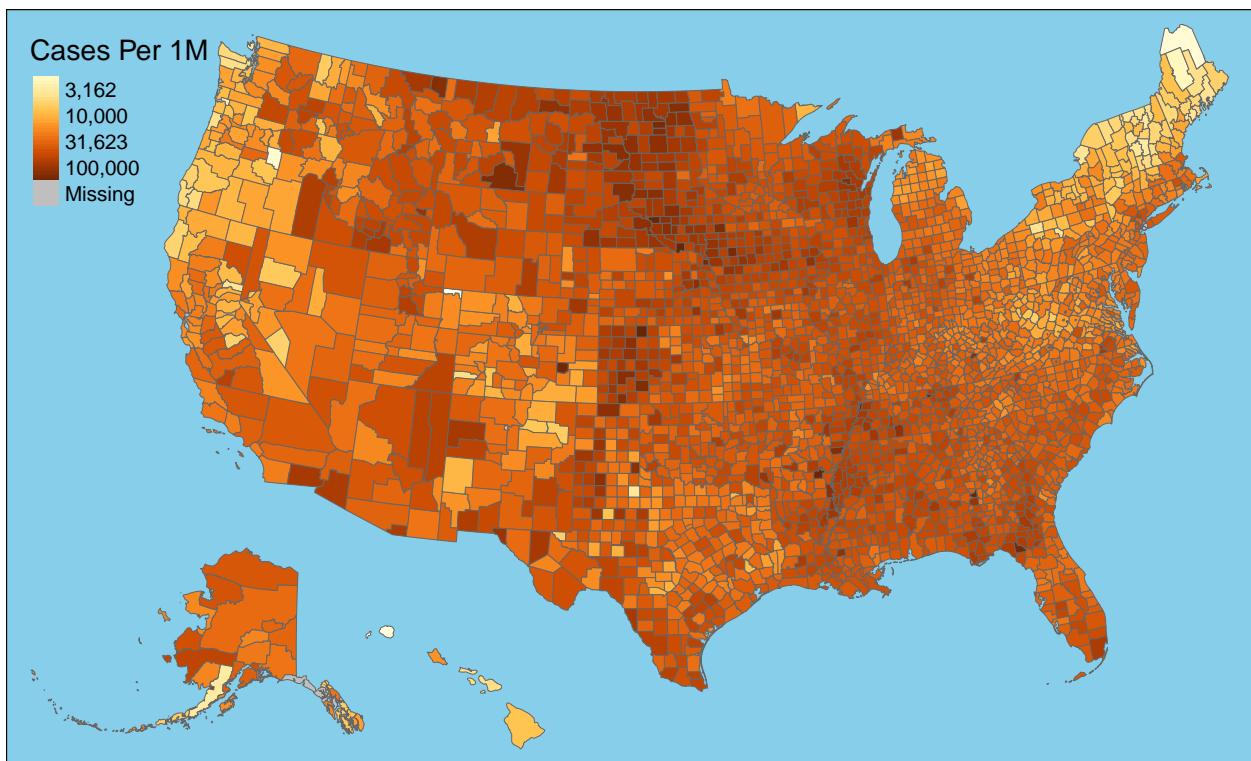
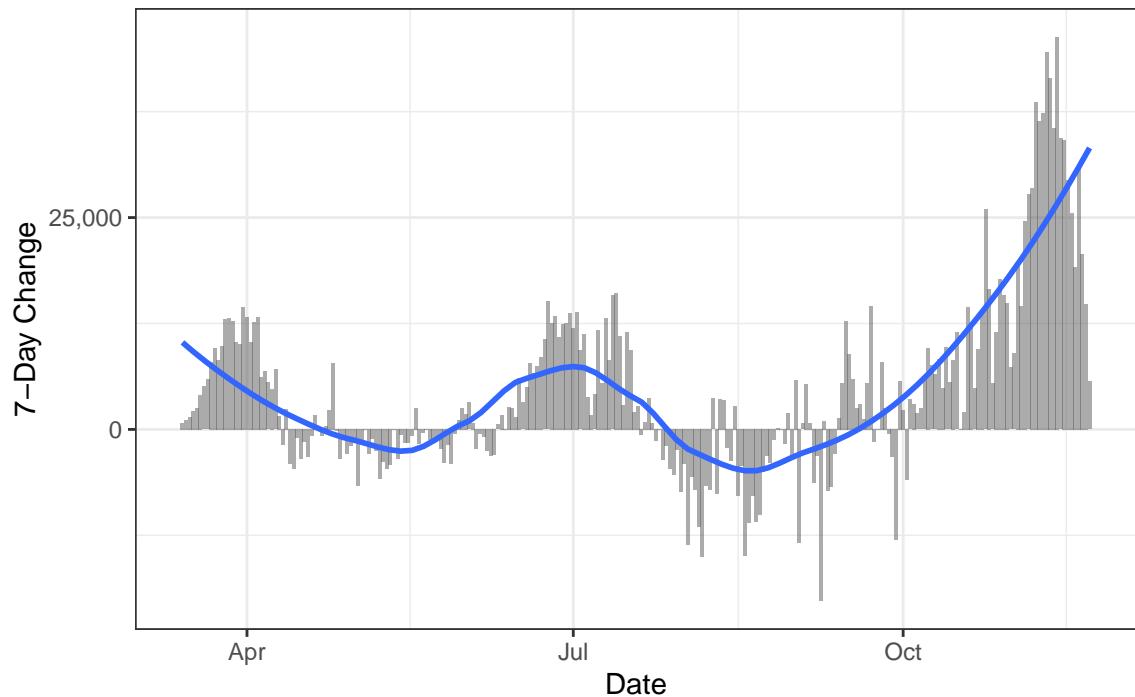
Active Cases



New Cases

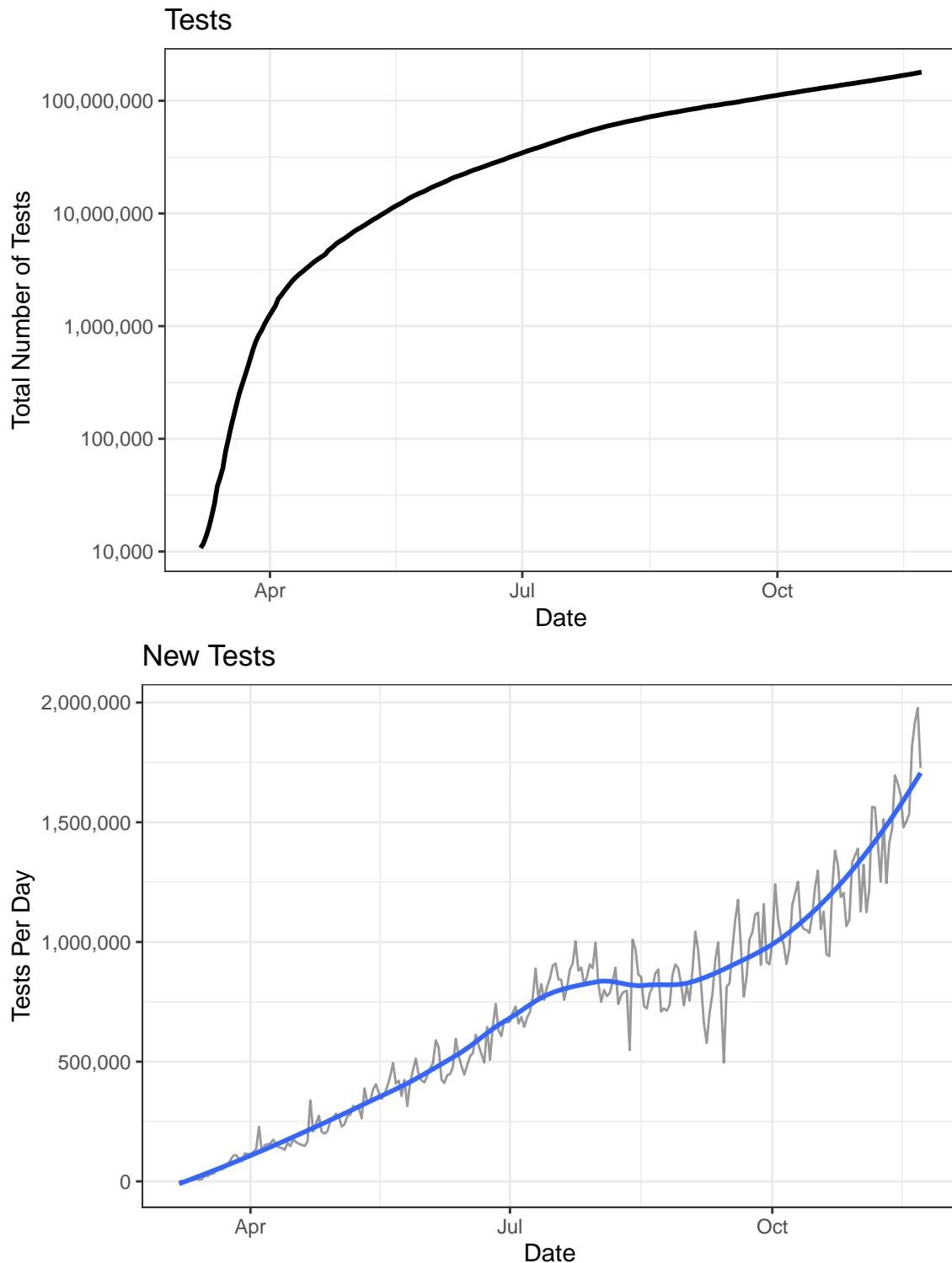


One-Week Change in Daily Cases

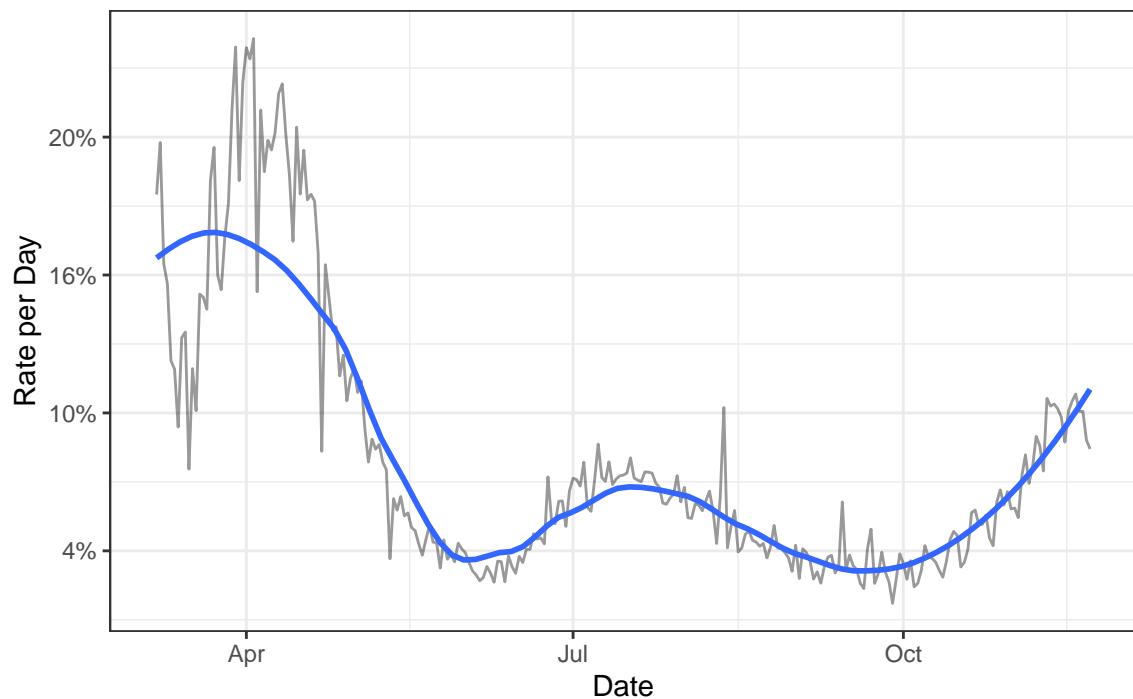


Testing

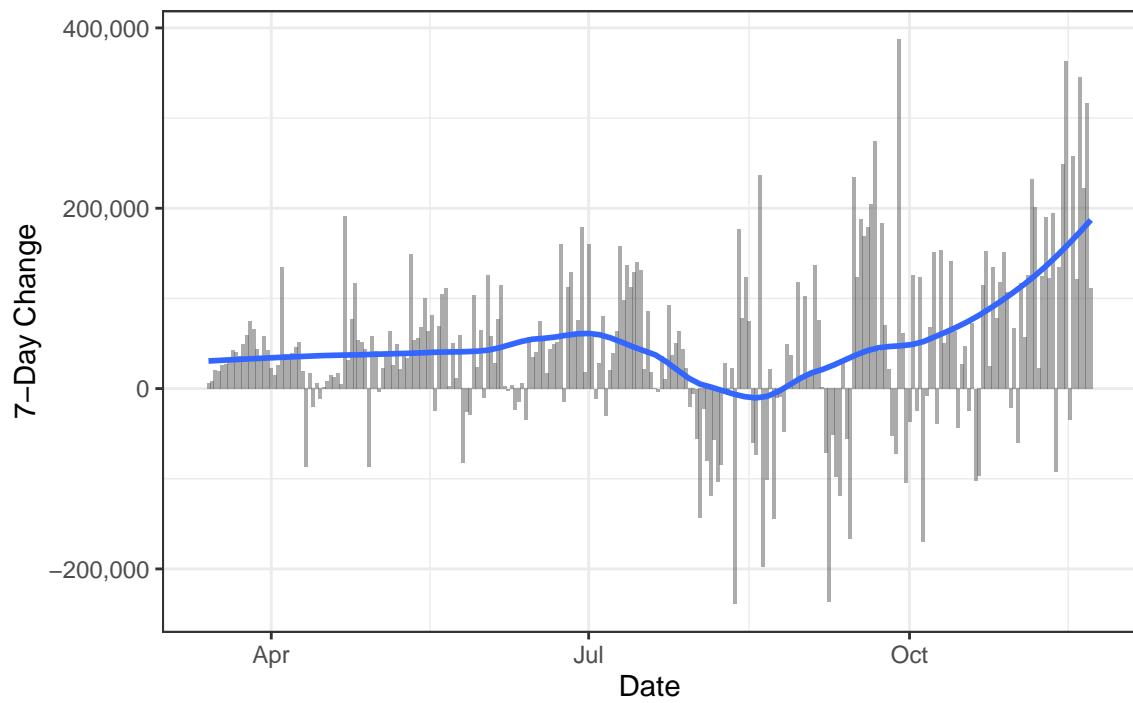
Widespread testing is necessary for managing the spread of the disease. The following charts show how testing in the United States has changed over time. When the supply of available tests is limited, they are typically only used for patients whose symptoms suggest they are likely to have contracted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



Positive Test Rate



One-Week Change in Daily Tests

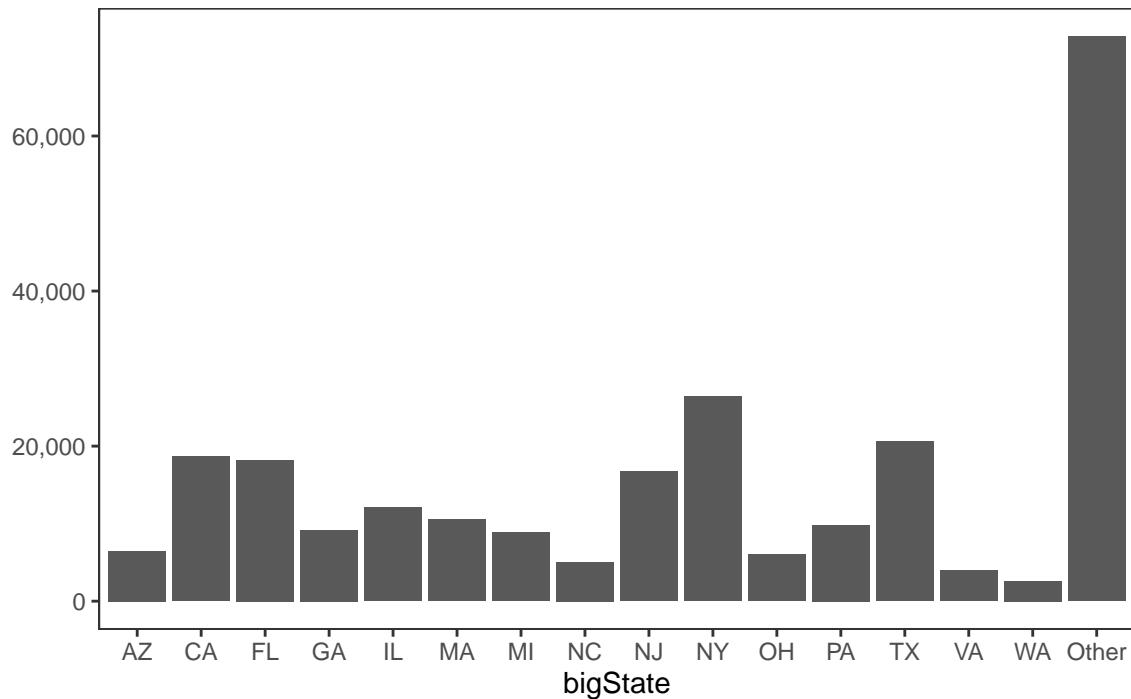


State Data

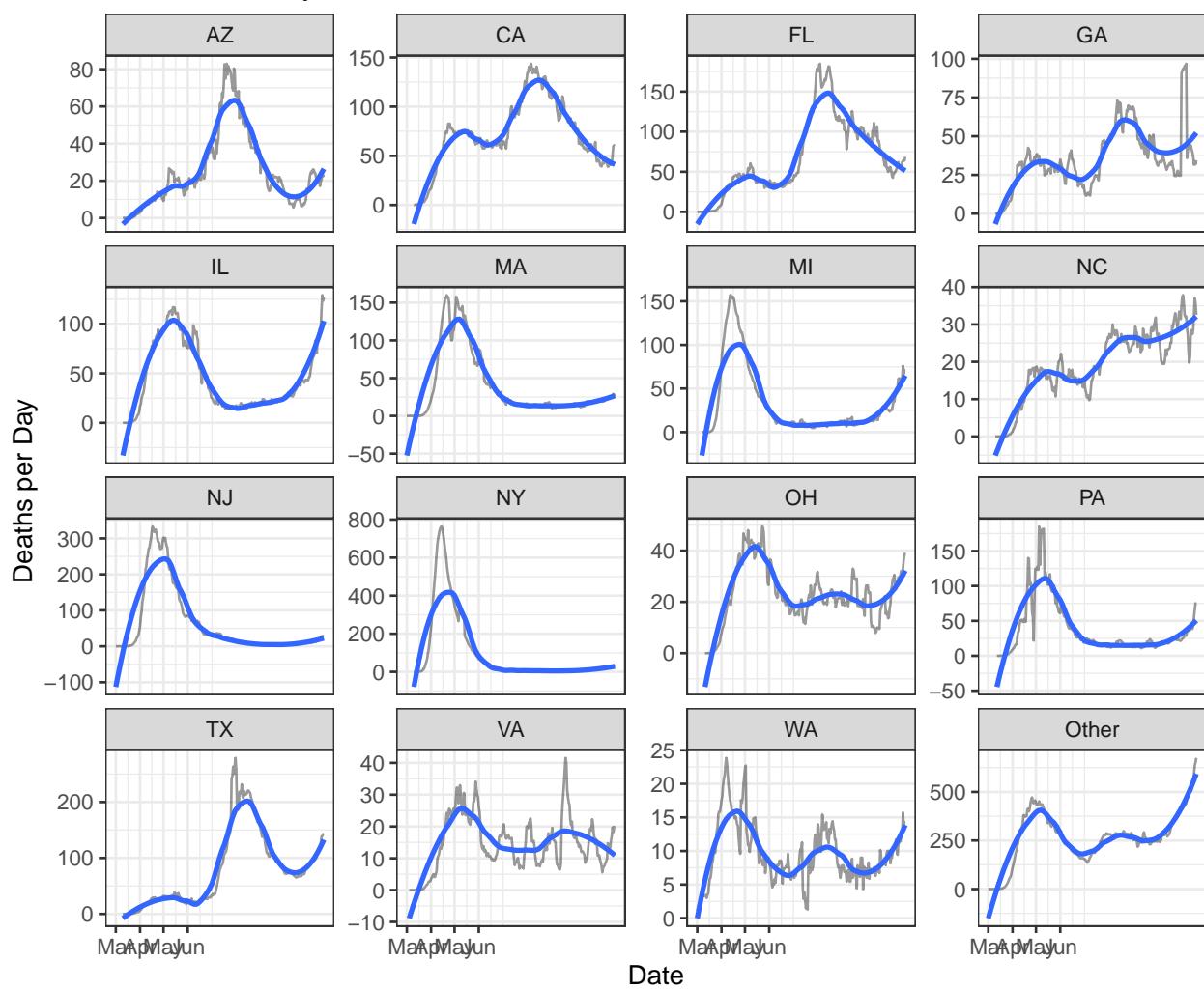
This section summarizes state-level data. Most data are reported for the largest 15 states by population, which account for NaN percent of the total U.S. population.

Deaths

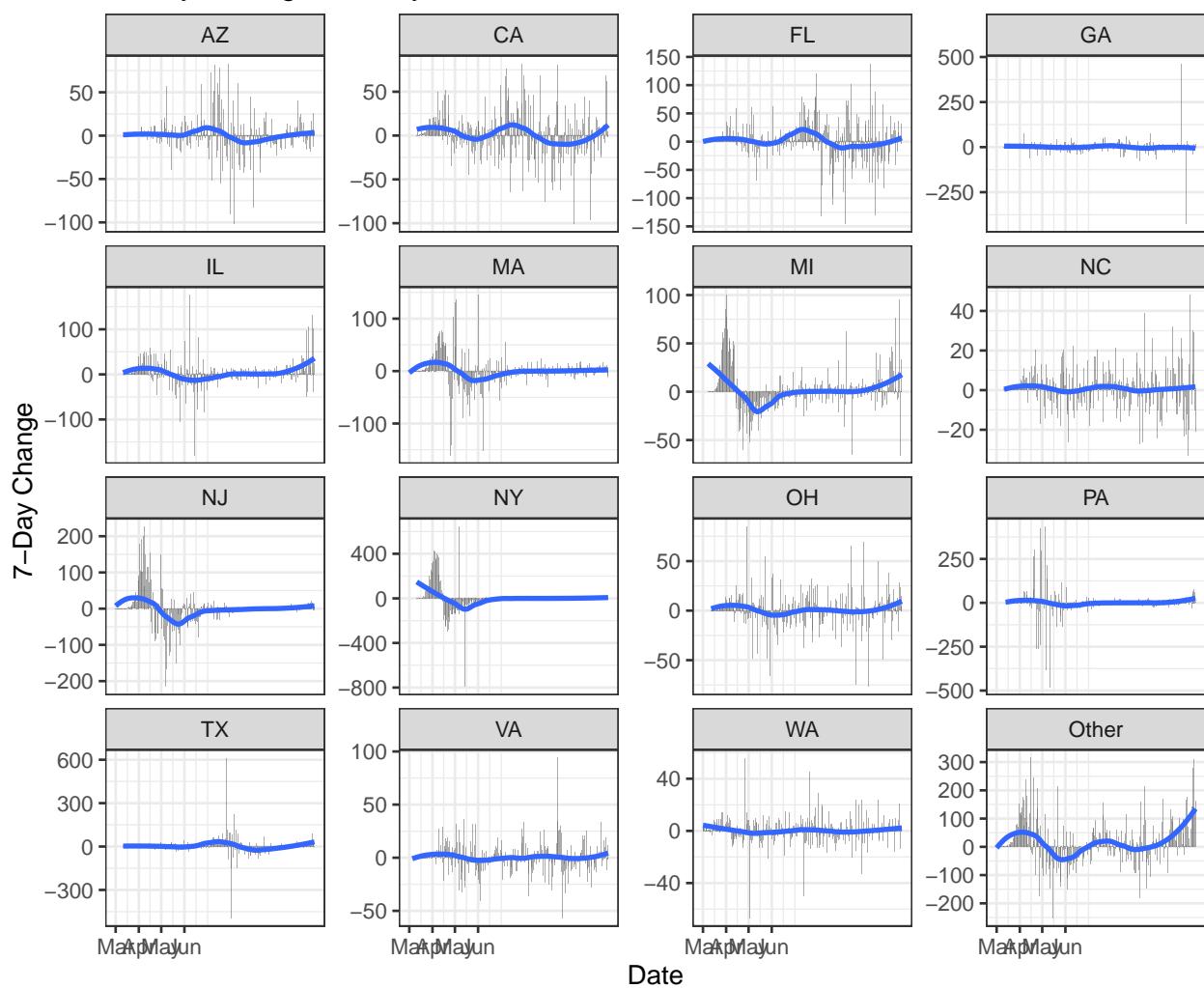
Deaths by State

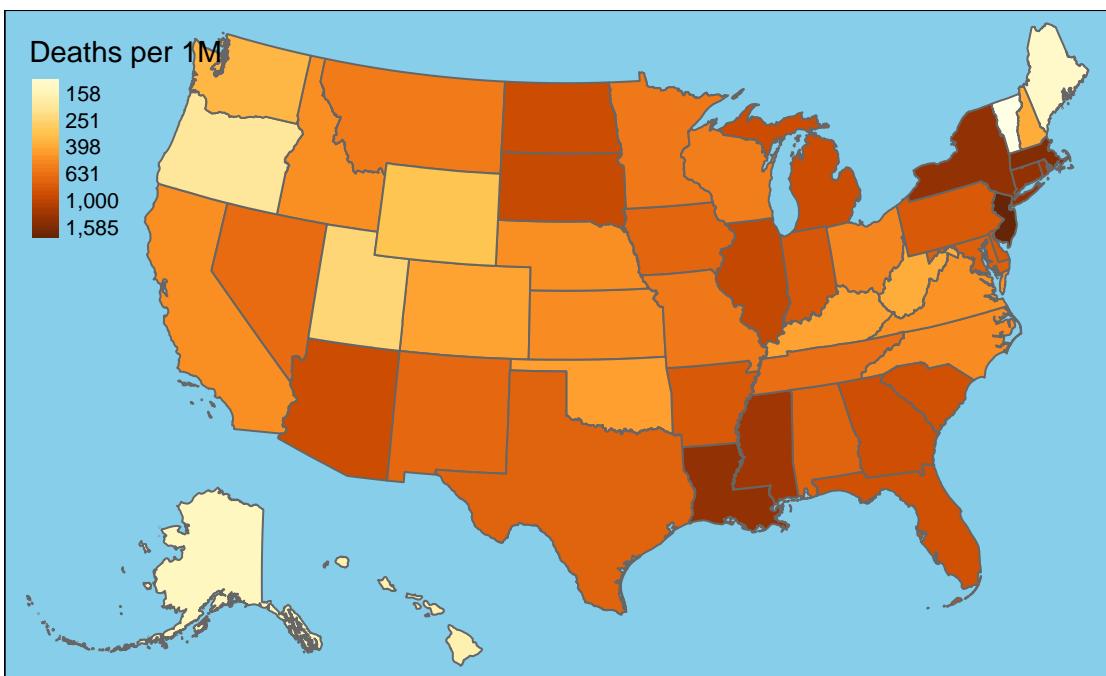
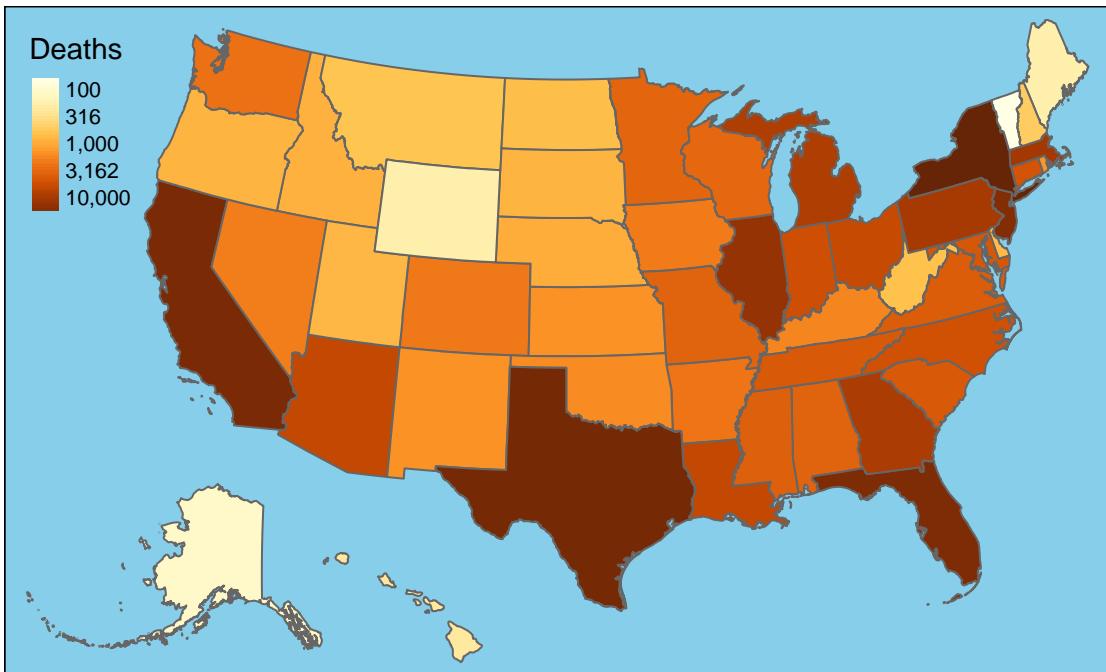


New Deaths by State



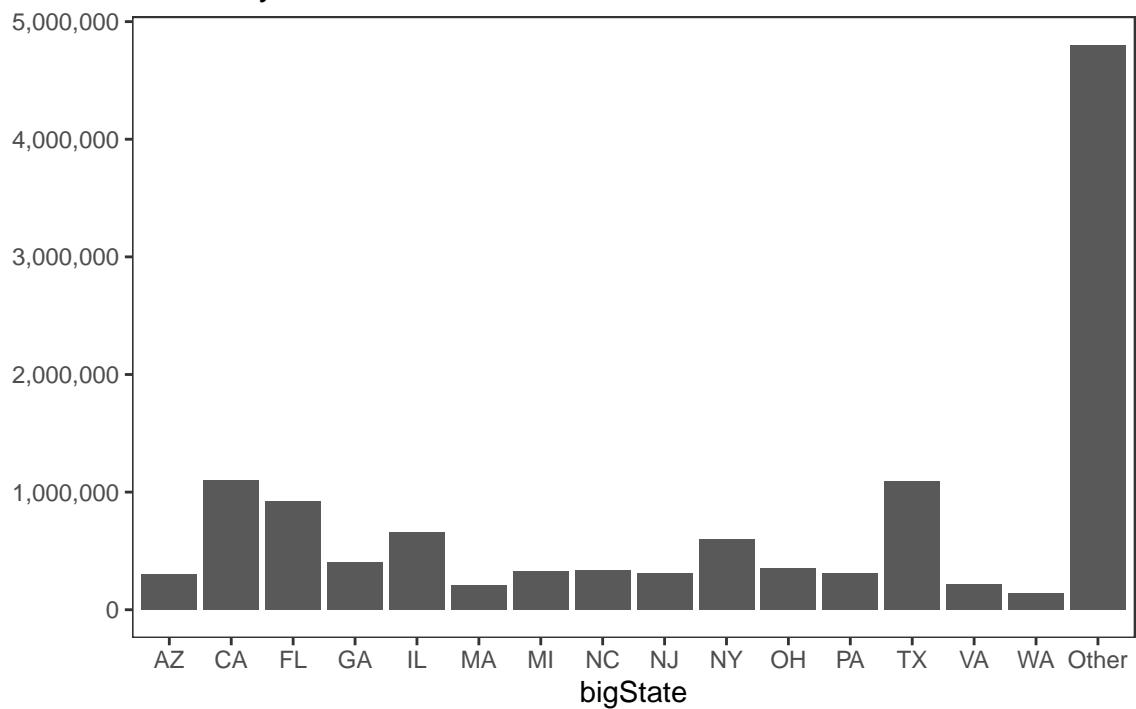
7-Day Change in Daily Deaths



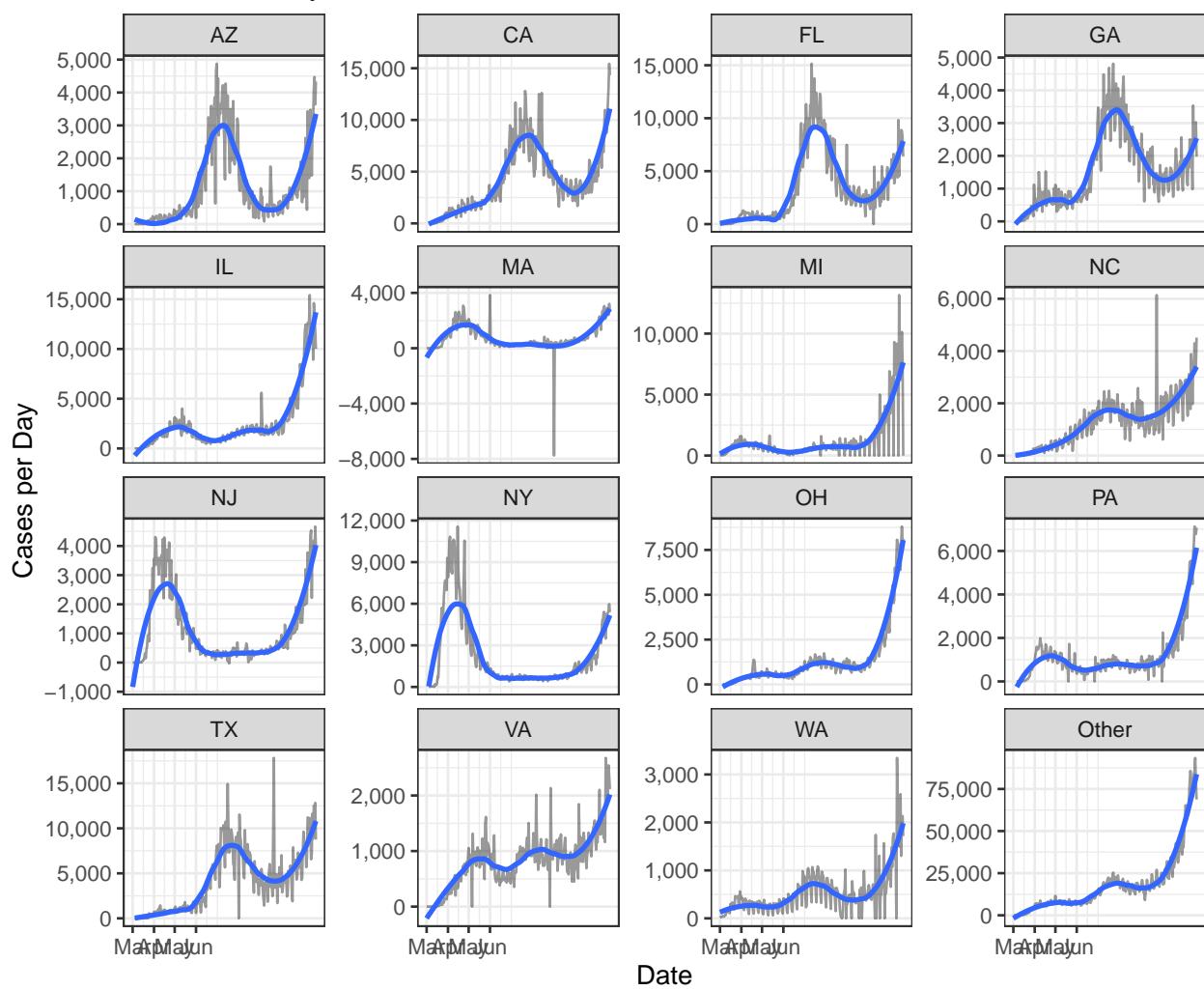


Cases

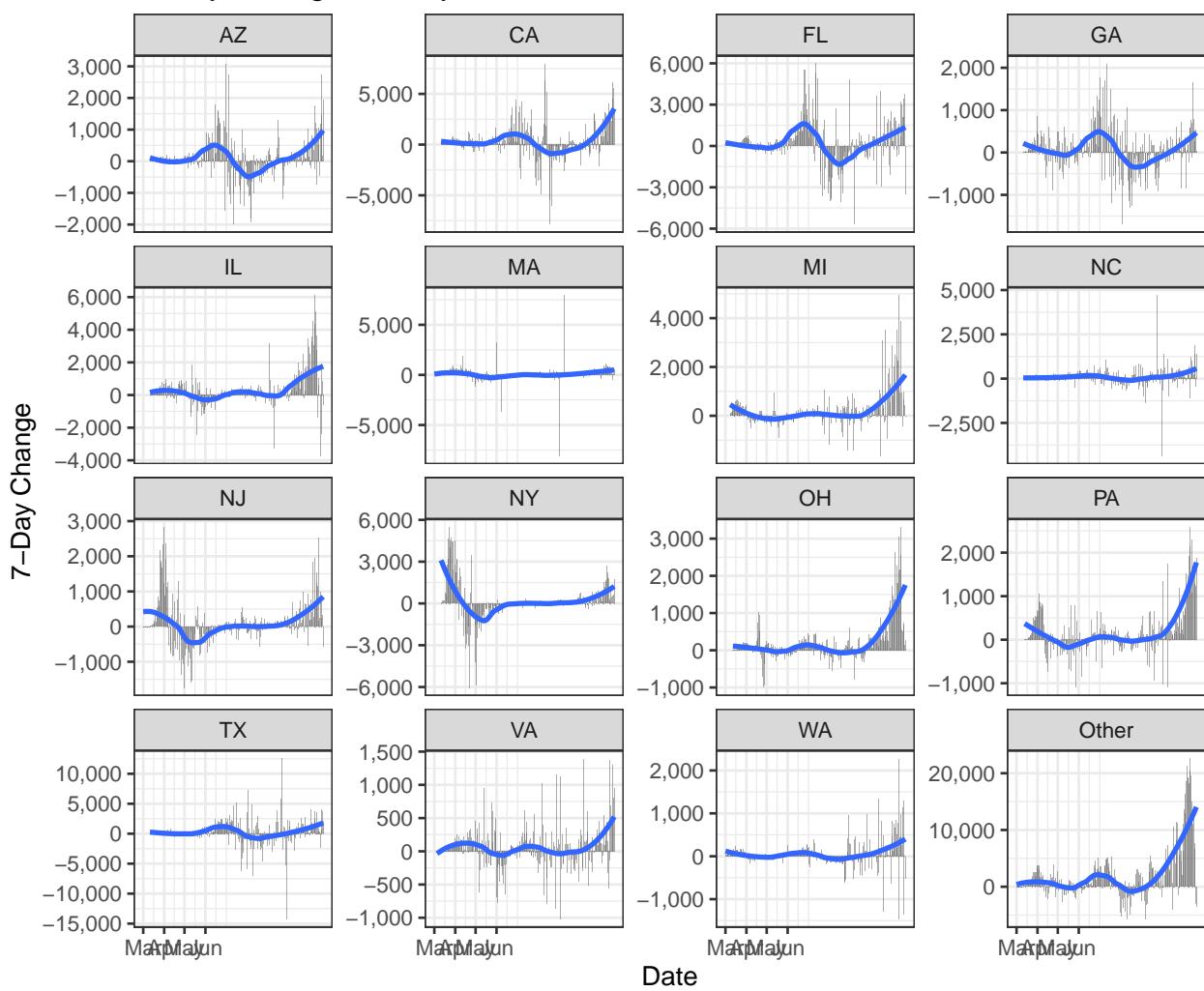
Cases by State

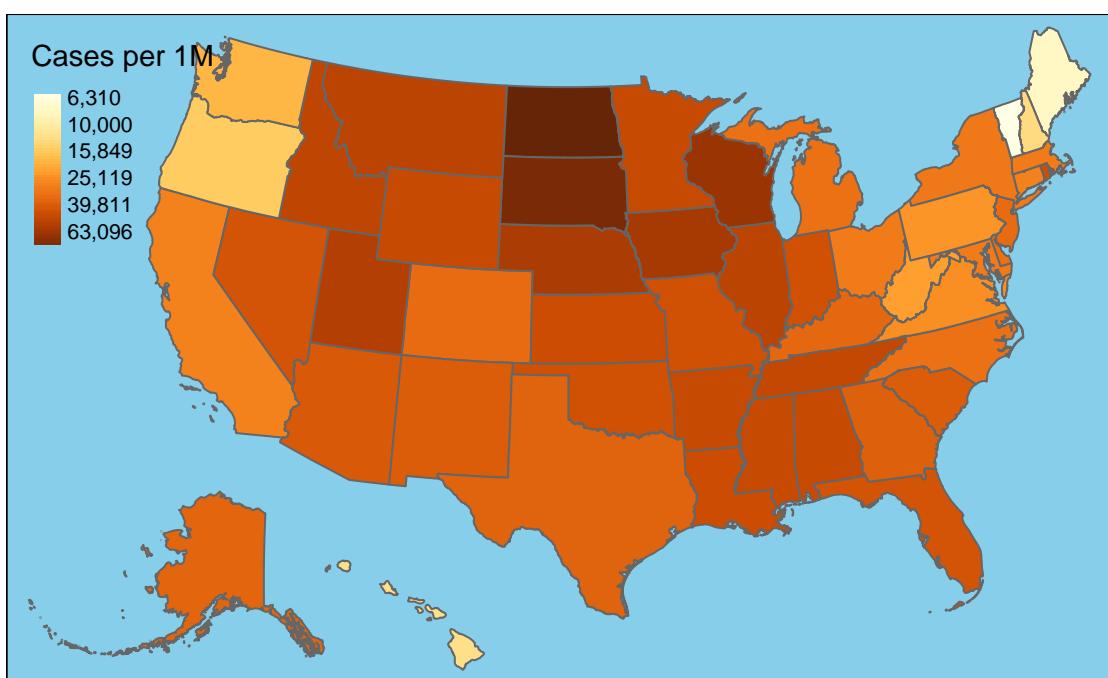
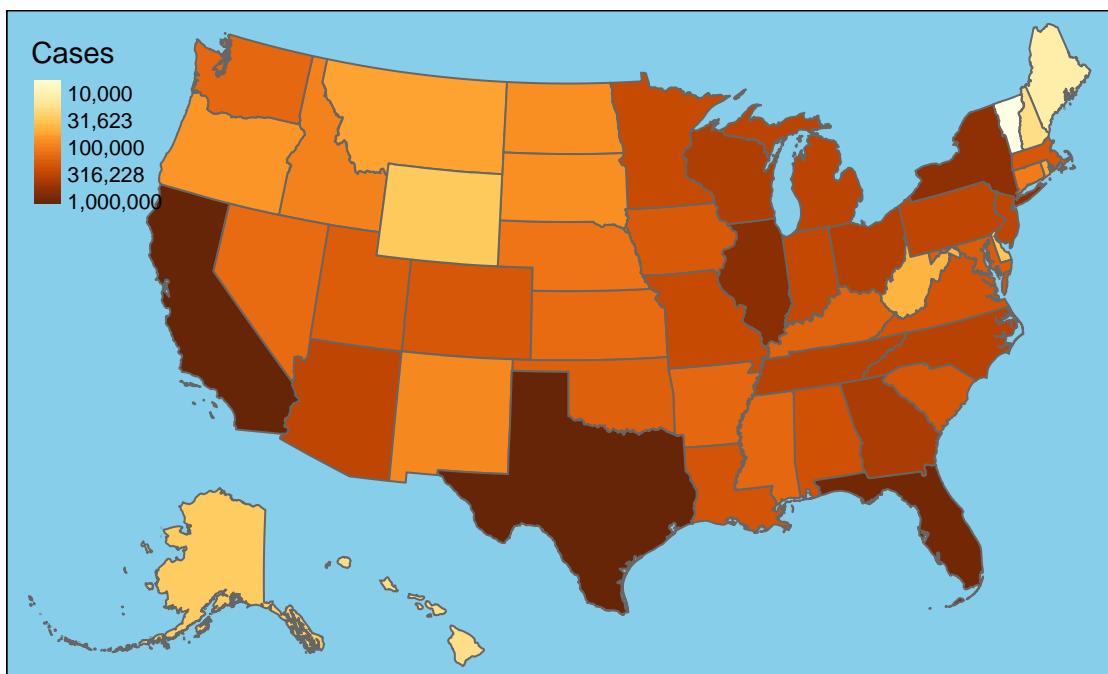


New Cases by State

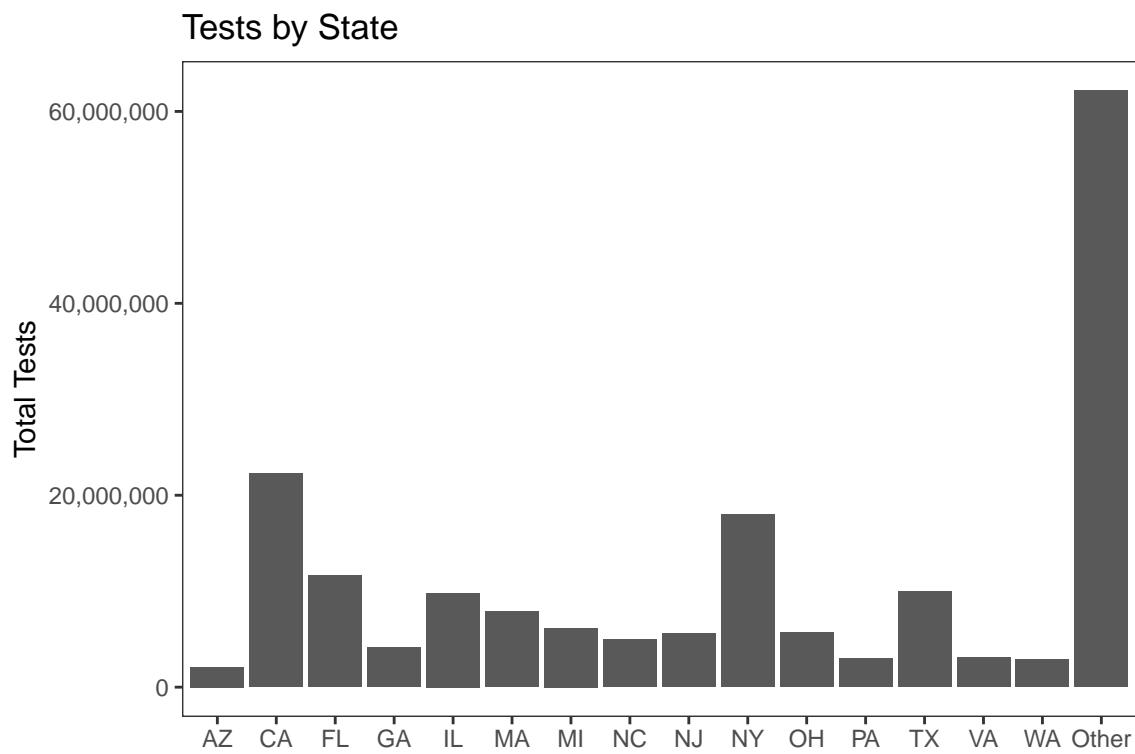


7-Day Change in Daily Cases

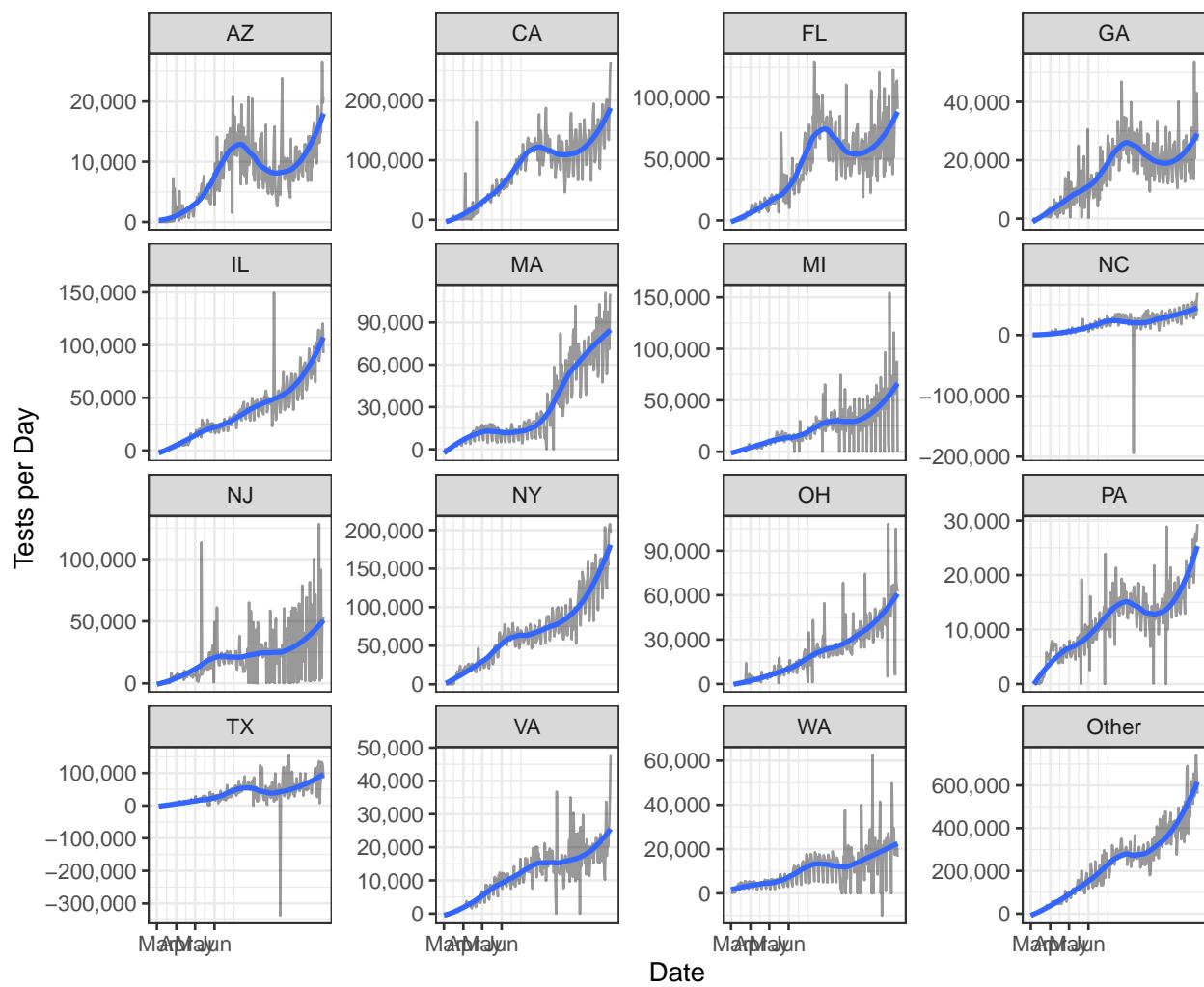


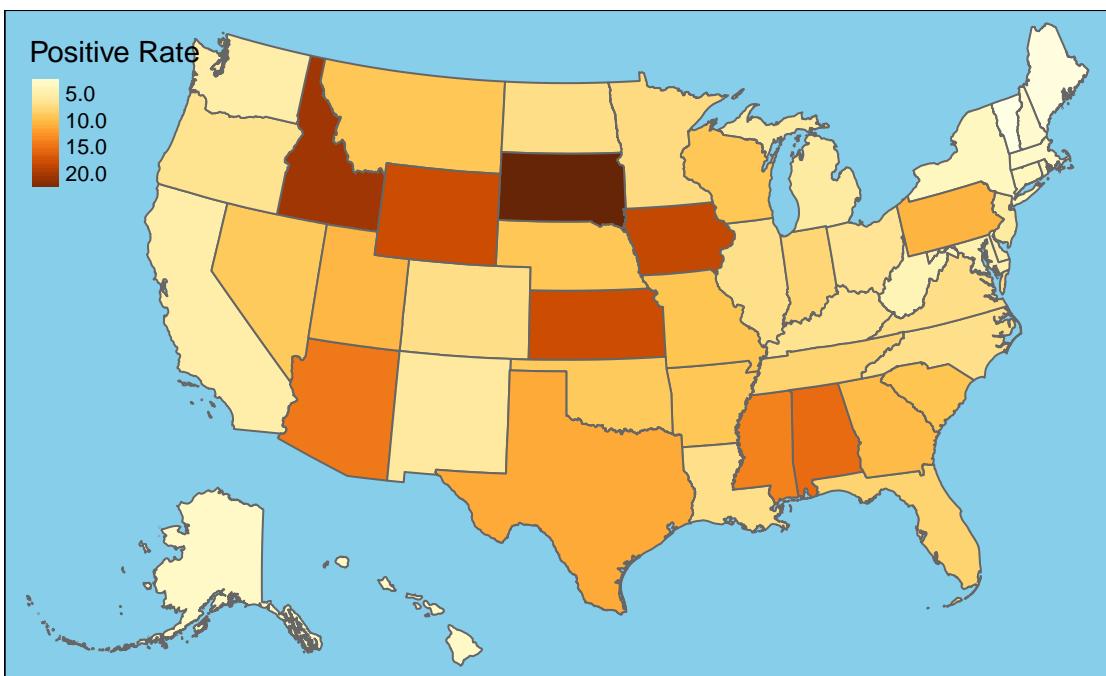
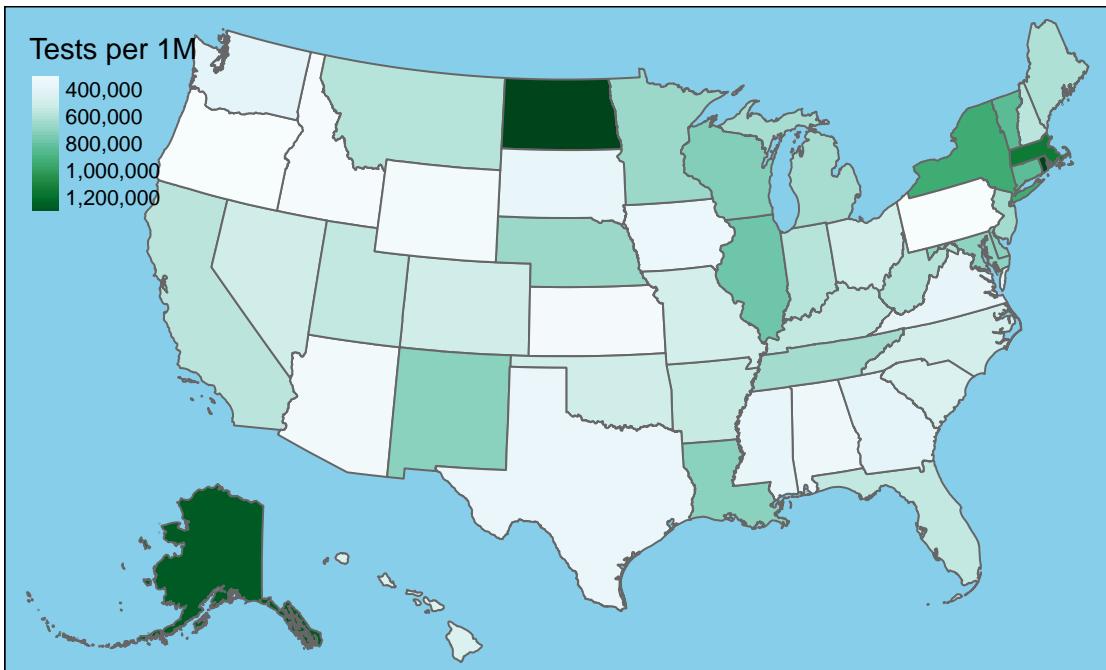


Testing

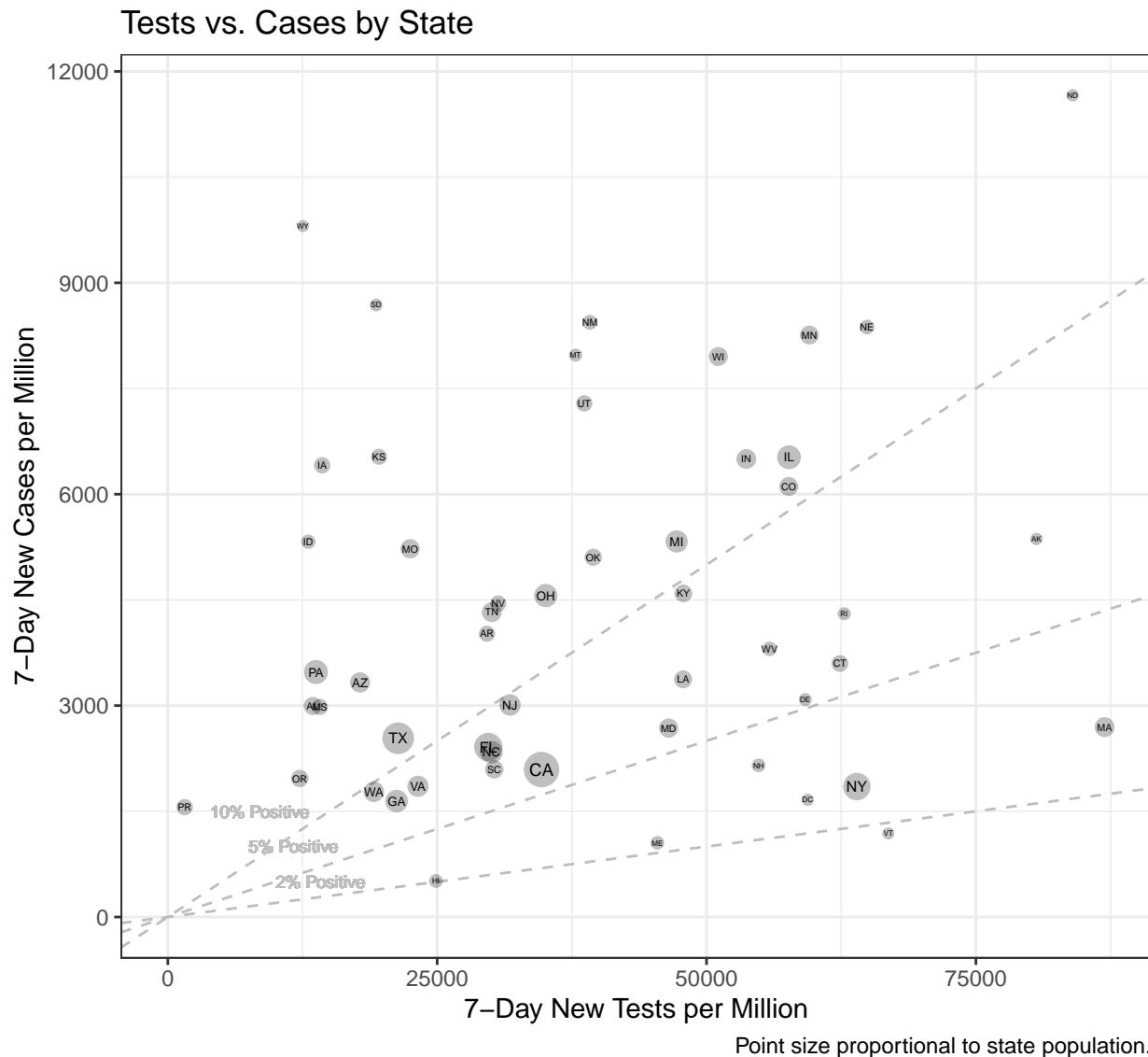


New Tests by State





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.



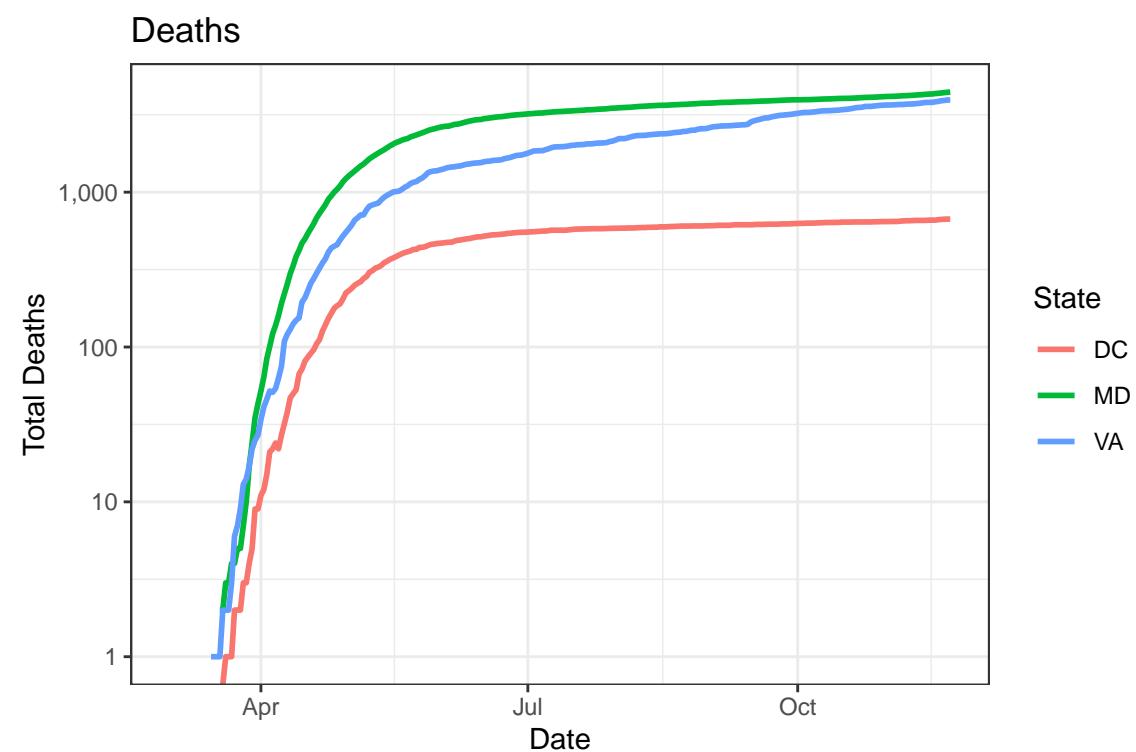
Local Data

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

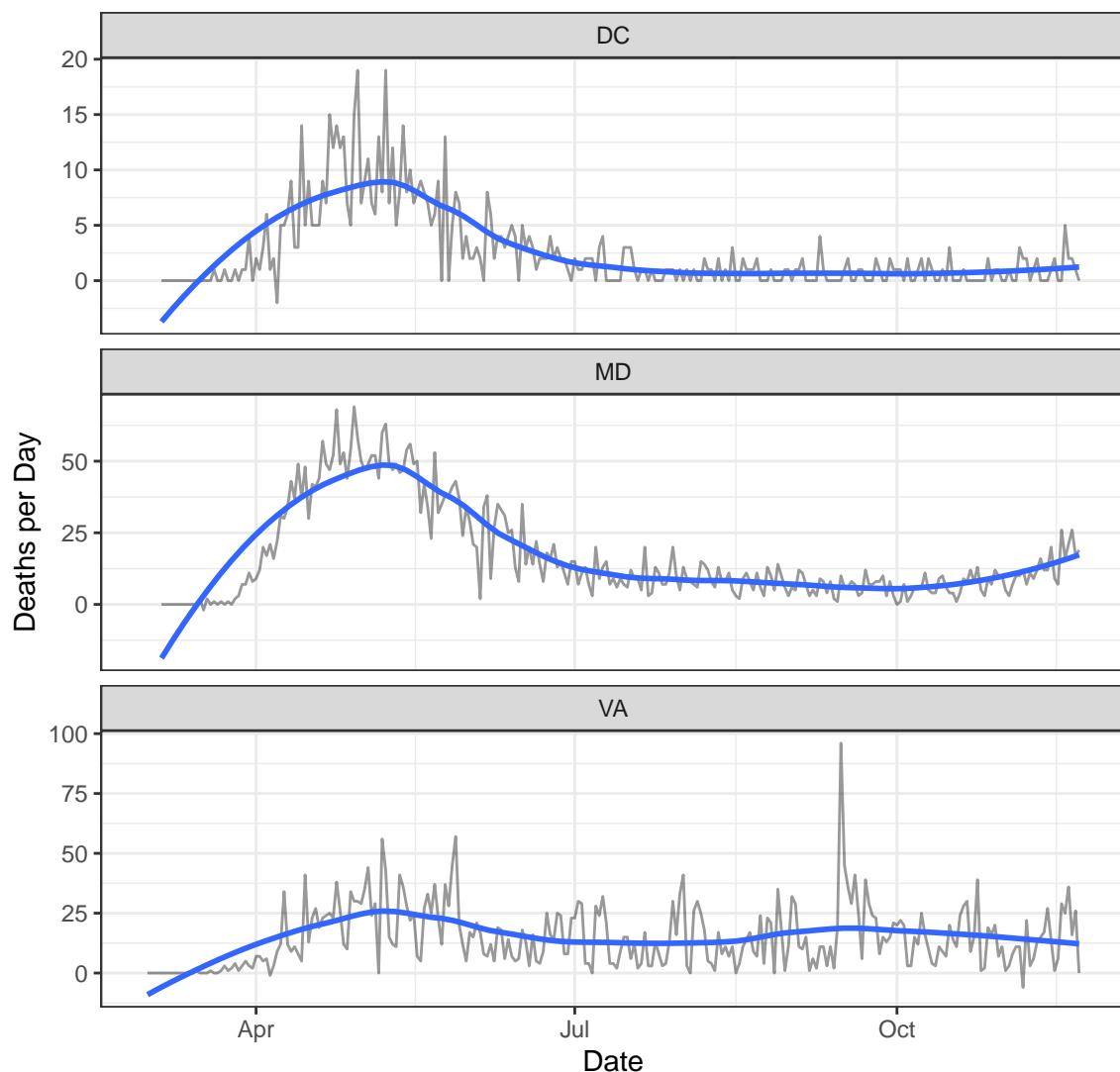
Table 3: Latest Local Data

State	Cases	Deaths	New Cases	New Deaths
DC	20,151	670	190	0
MD	182,139	4,434	2,168	19
VA	217,796	3,938	2,117	0

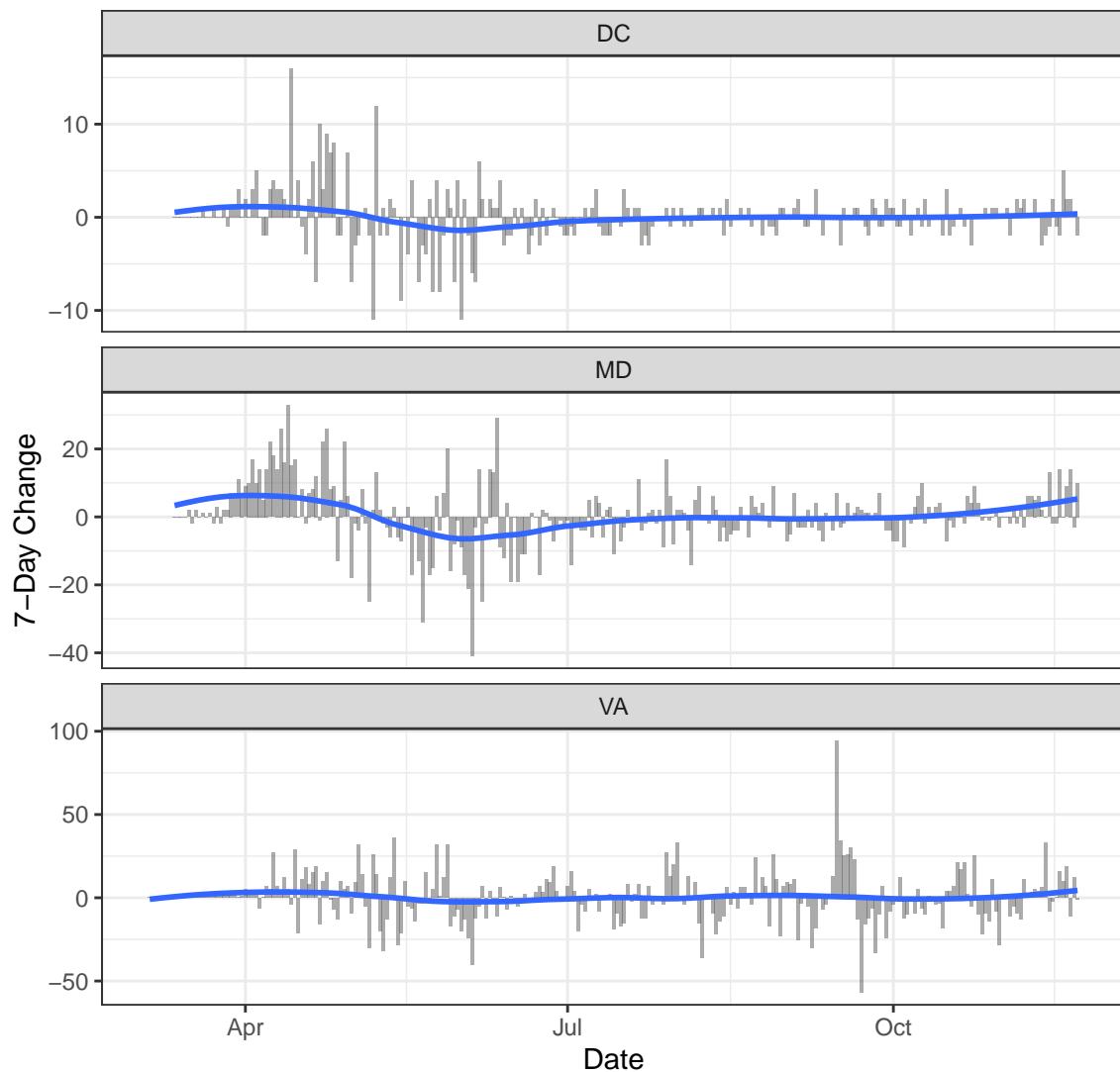
Deaths

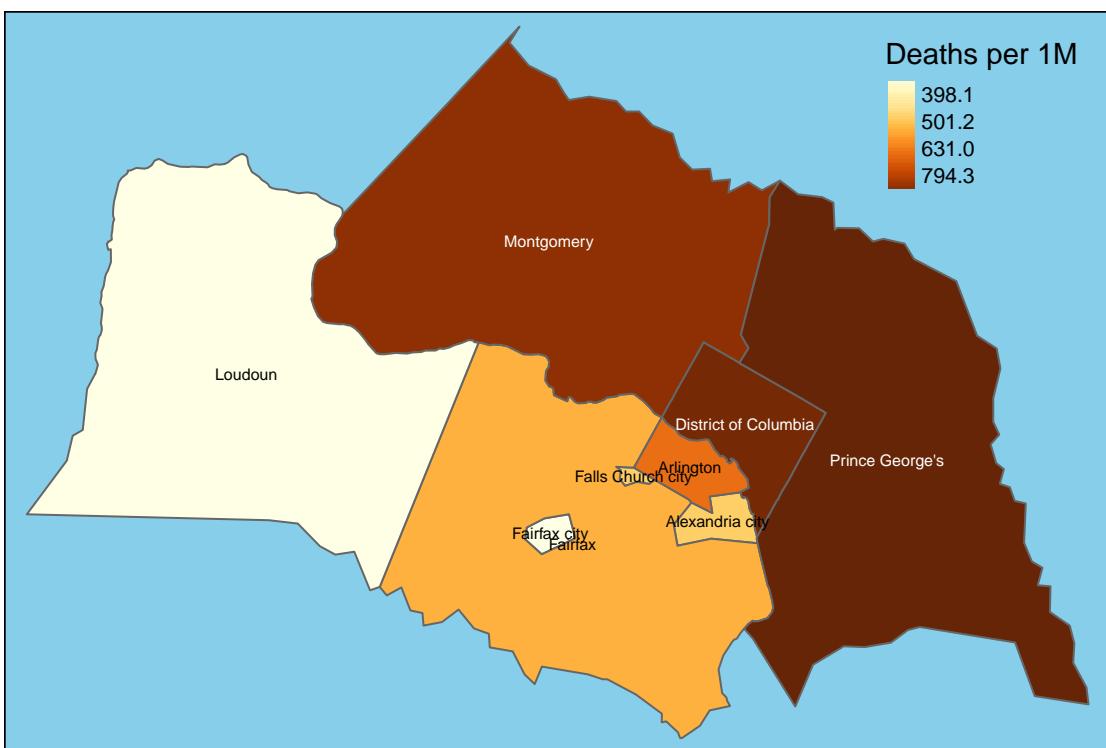
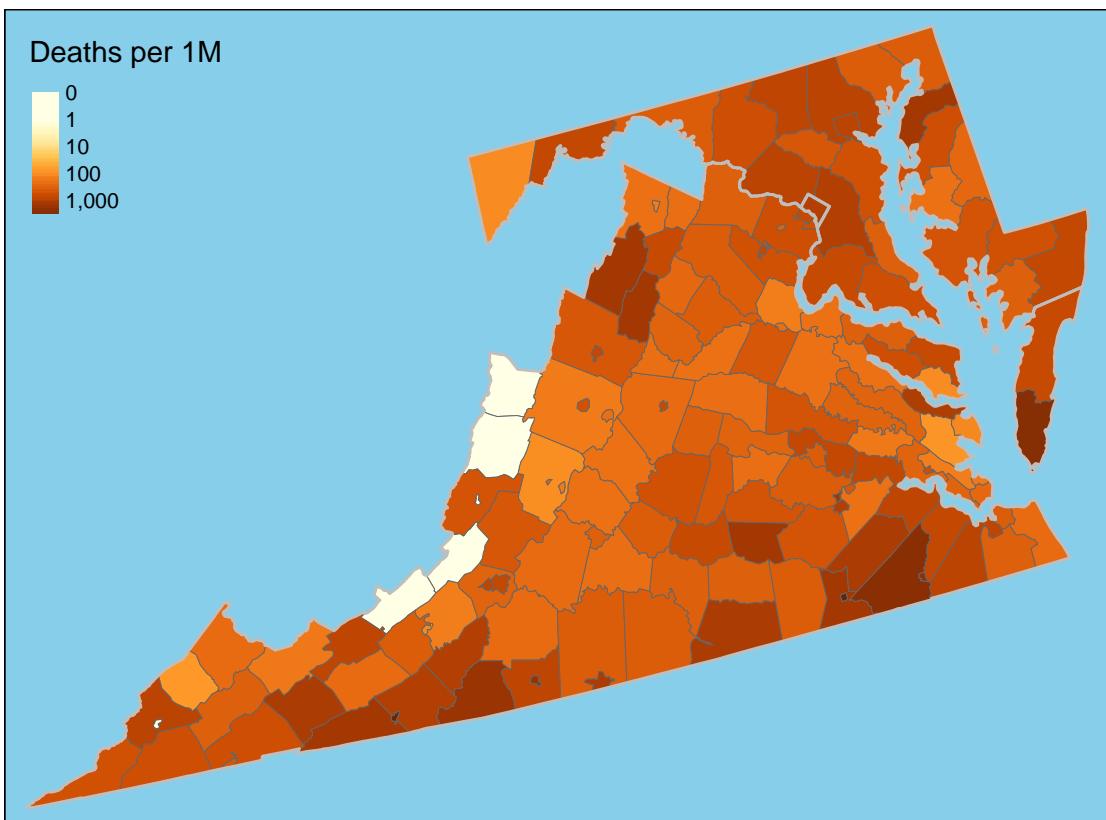


New Deaths

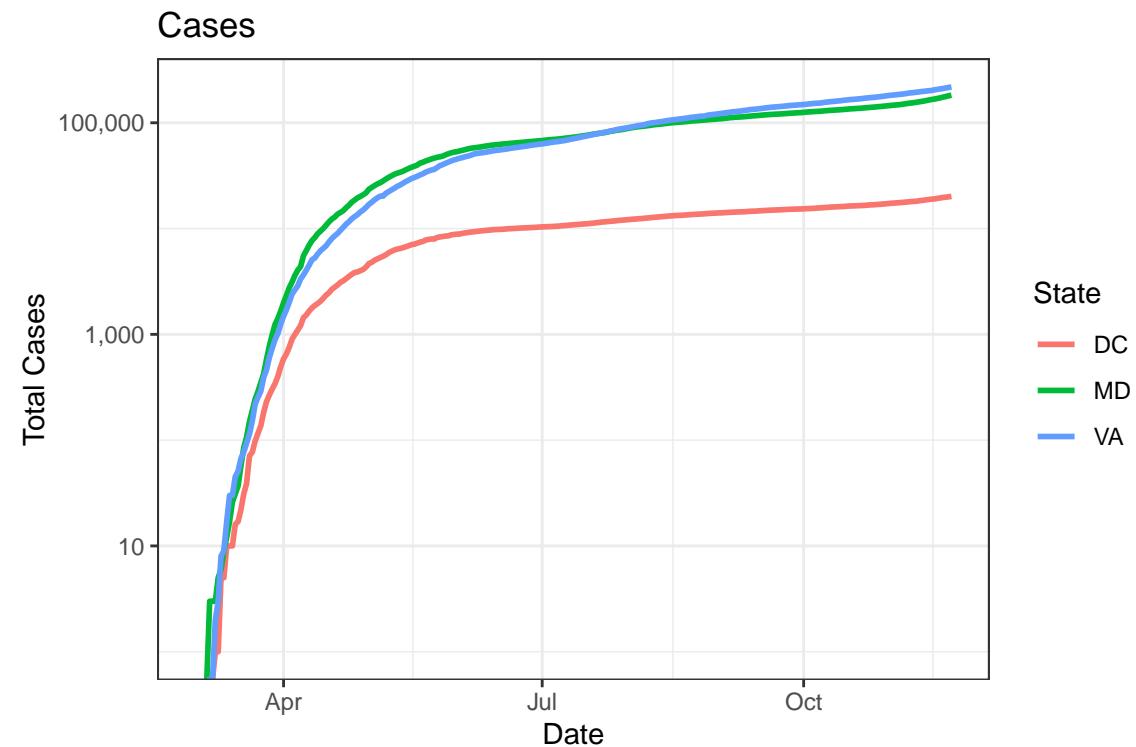


One-Week Change in Daily Deaths

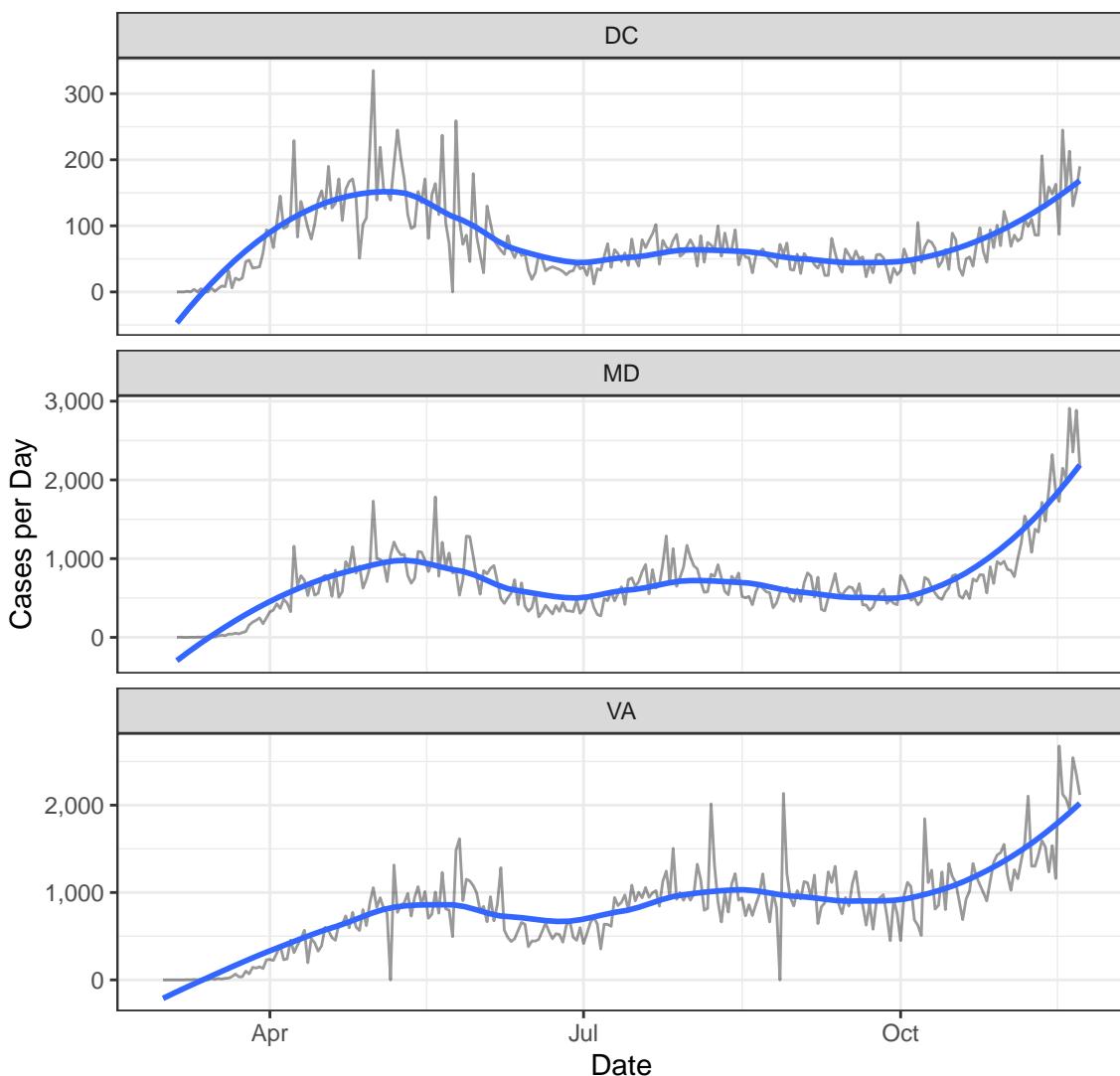




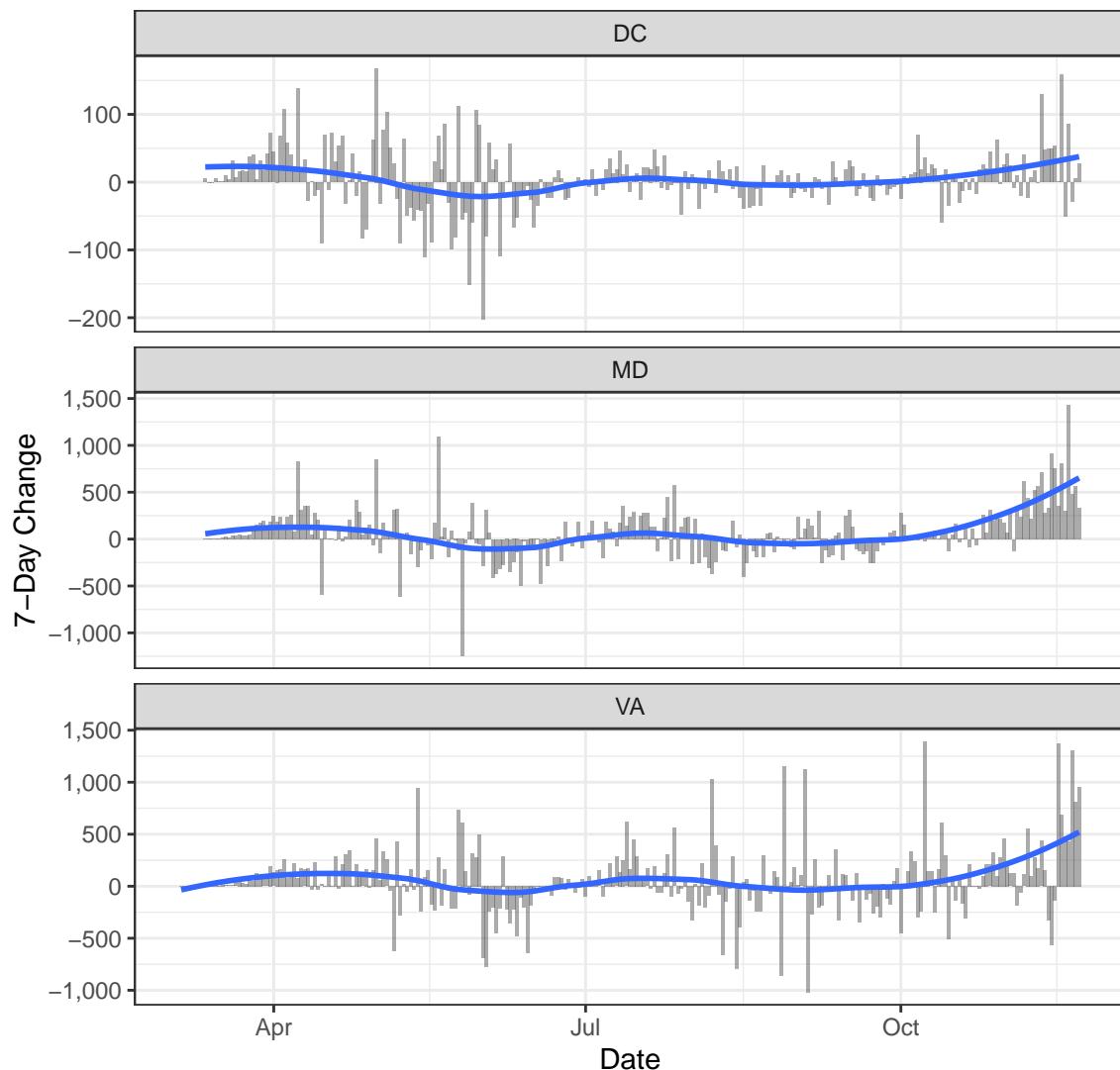
Cases

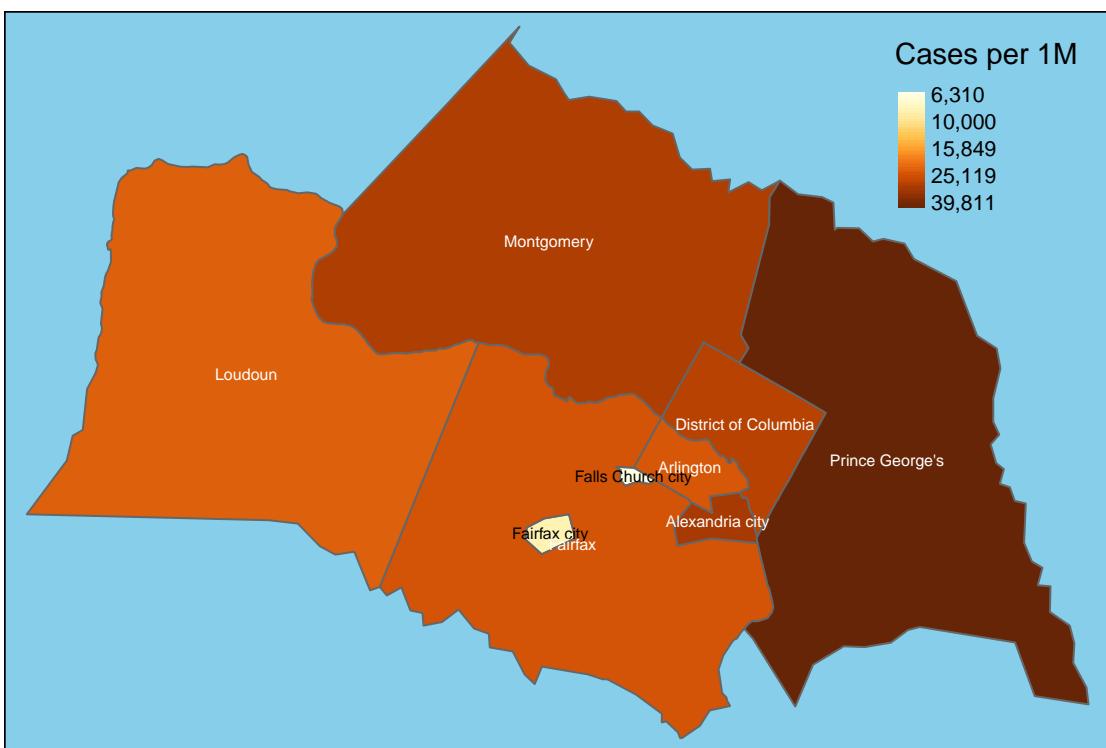
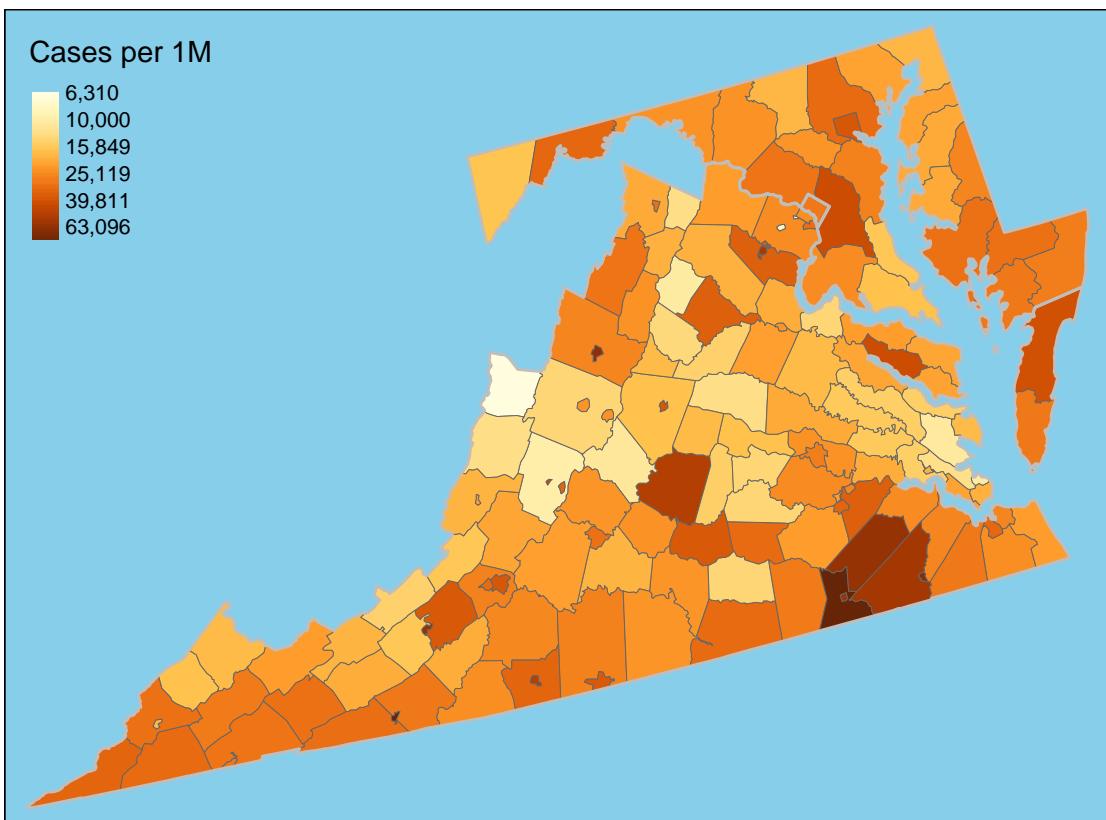


New Cases

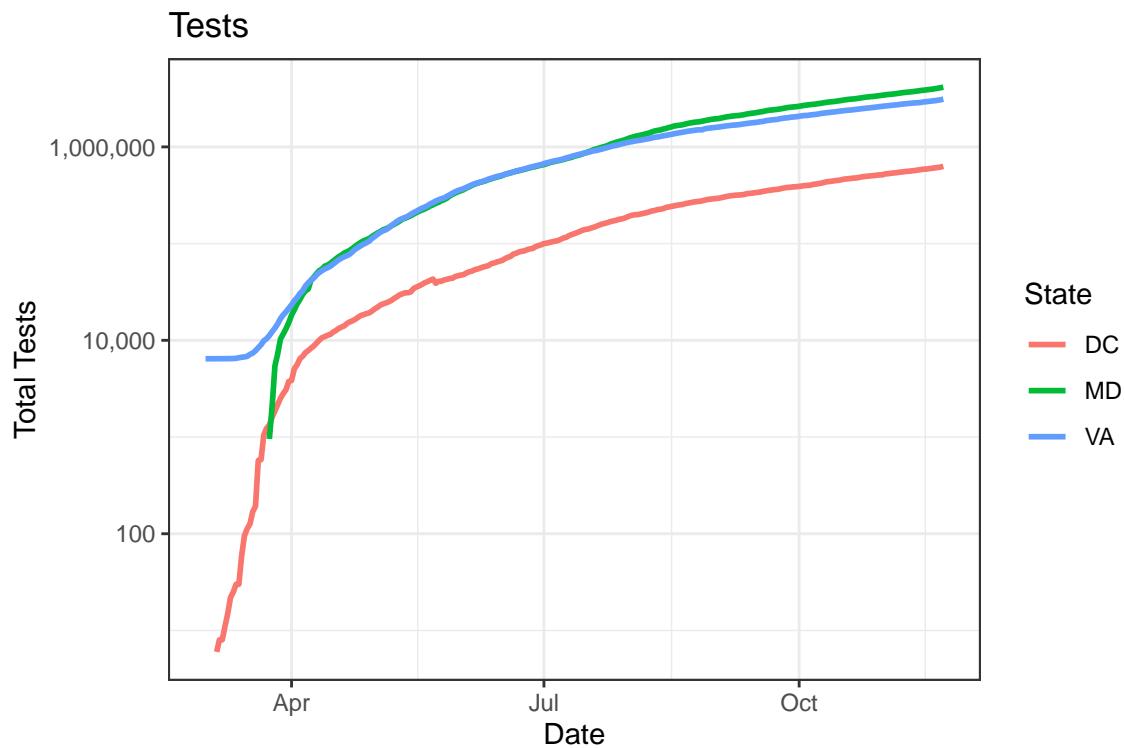


One-Week Change in Daily Cases

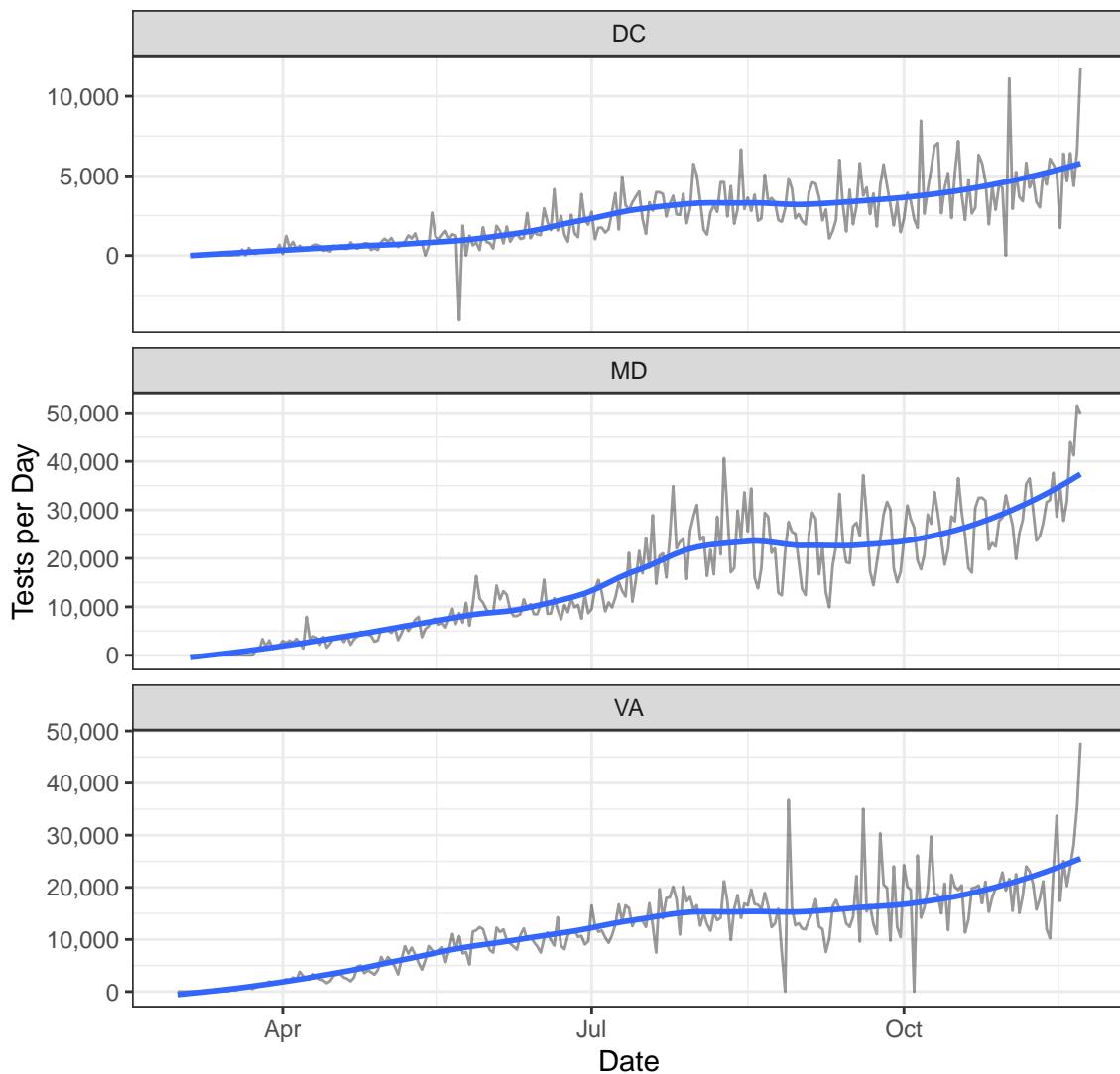




Testing



New Tests



Positive Test Rate

