

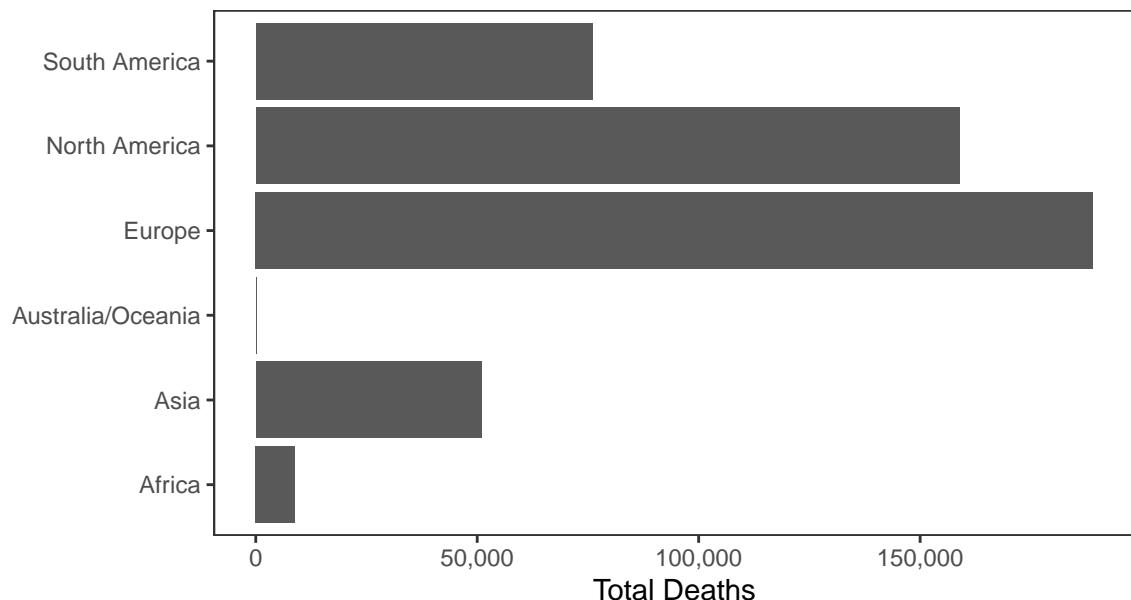
Erik's Covid-19 Chart Pack

Data updated 2020-06-25 08:47:51. 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 9,519,482 confirmed Covid-19 cases and 483,959 deaths worldwide.

Deaths



Cases

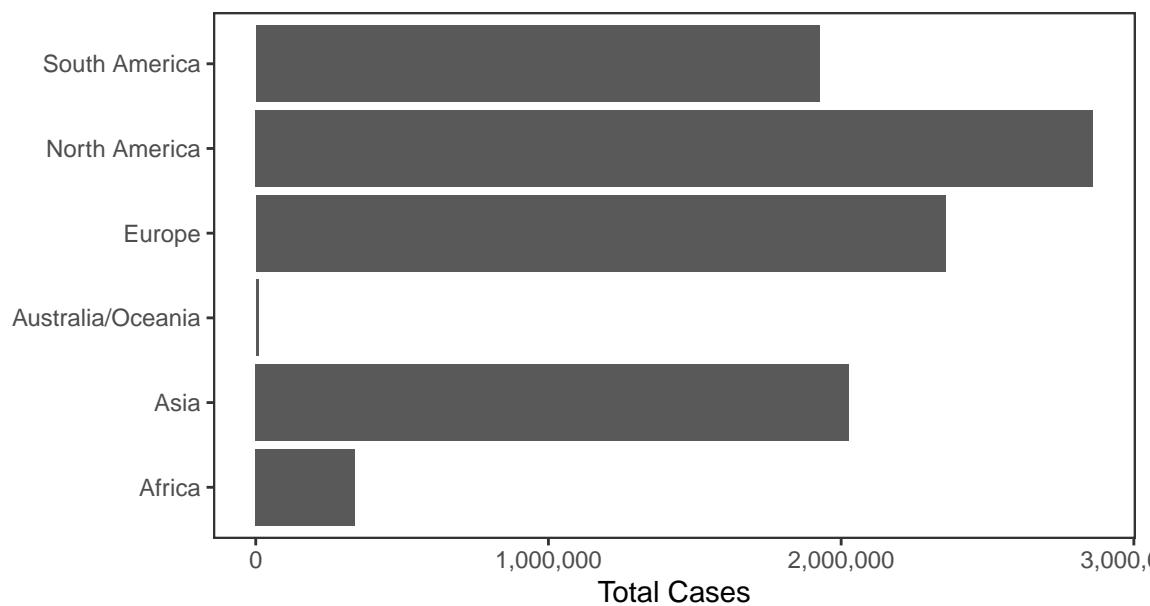
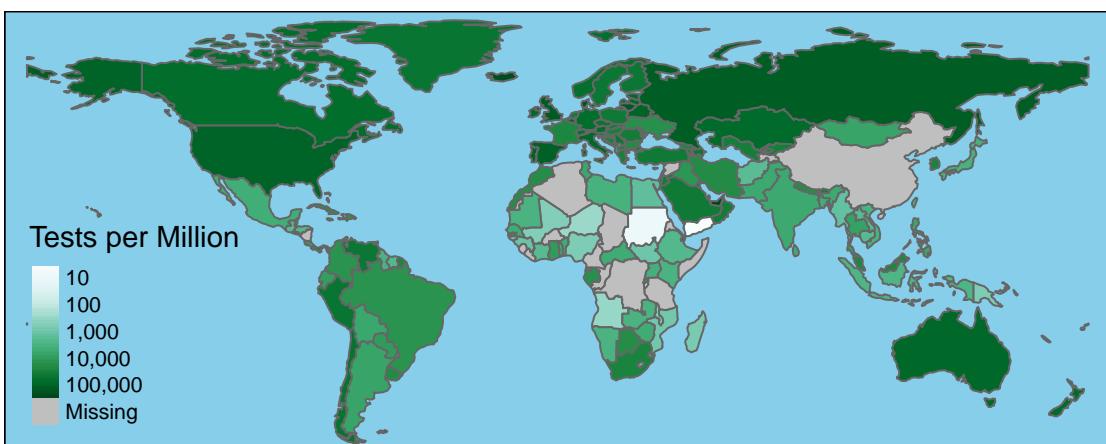
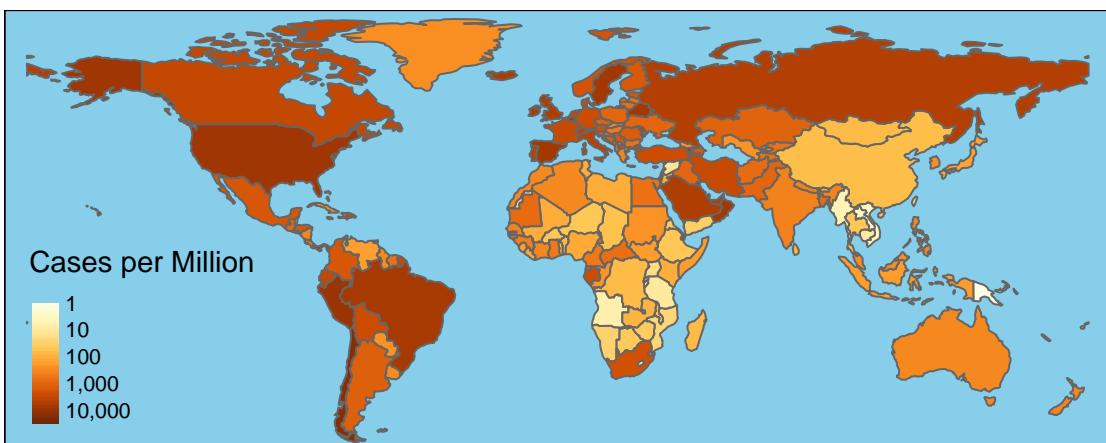
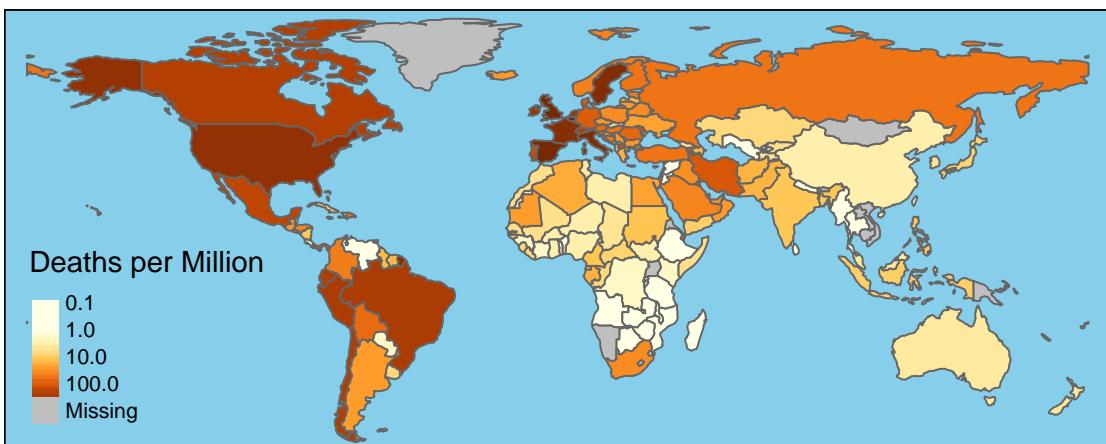


Table 1: Top Countries by Total Cases

Country	Cases	Deaths	New Cases	New Deaths
USA	2,462,554	124,281	38,386	808
Brazil	1,192,474	53,874	40,995	1,103
Russia	606,881	8,513	7,176	154
India	472,985	14,907	16,870	424
UK	306,862	43,081	652	154
Spain	294,166	28,327	334	2
Peru	264,689	8,586	3,879	182
Chile	254,416	4,731	3,649	226
Italy	239,410	34,644	190	30
Iran	212,501	9,996	2,531	133
Germany	193,254	9,003	476	17
Turkey	191,657	5,025	1,492	24
Mexico	191,410	23,377	6,288	793
Pakistan	188,926	3,755	3,892	60
Saudi Arabia	167,267	1,387	3,123	41
France	161,348	29,731	81	11
Bangladesh	122,660	1,582	3,462	37
South Africa	111,796	2,205	5,688	103
Canada	102,242	8,484	279	30
Qatar	90,778	104	1,199	5



National Data

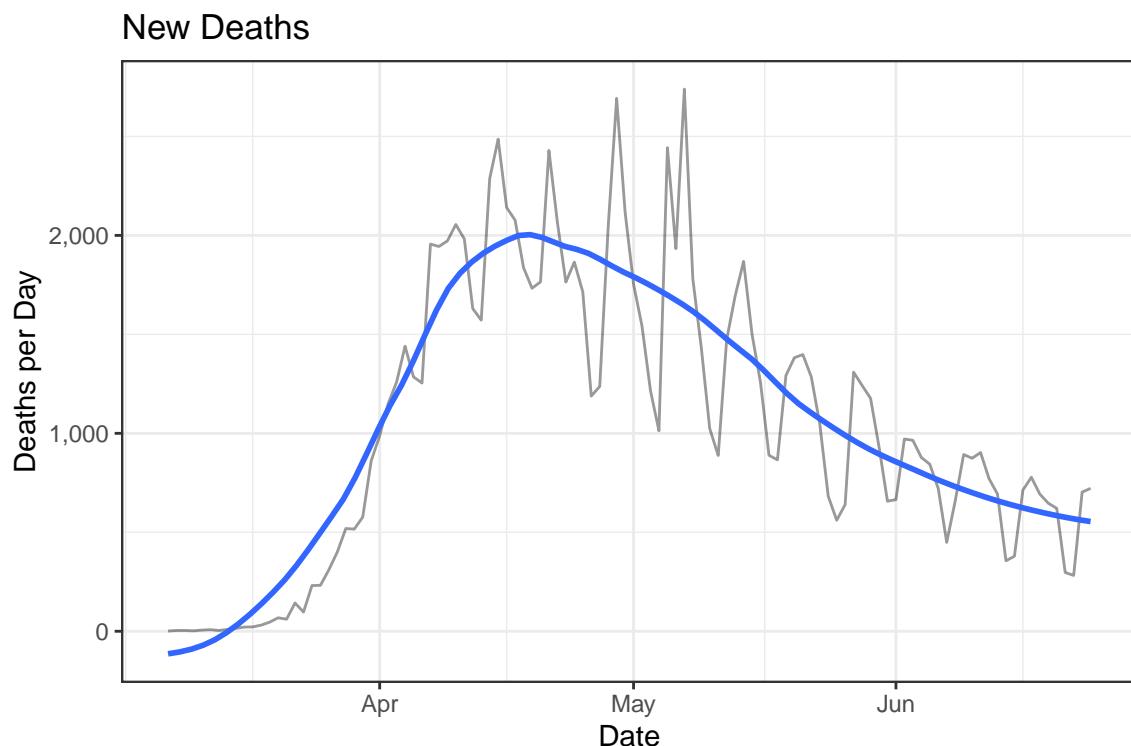
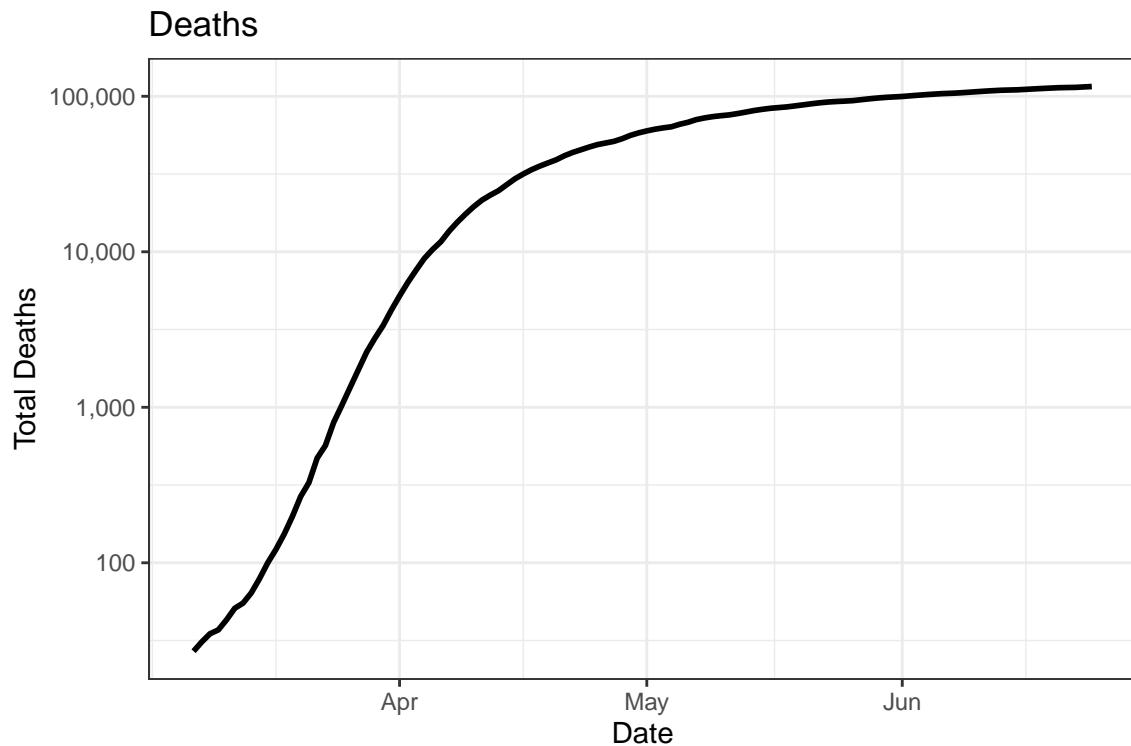
There have been 2,369,039 confirmed Covid-19 cases and 115,531 deaths in the United States.

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

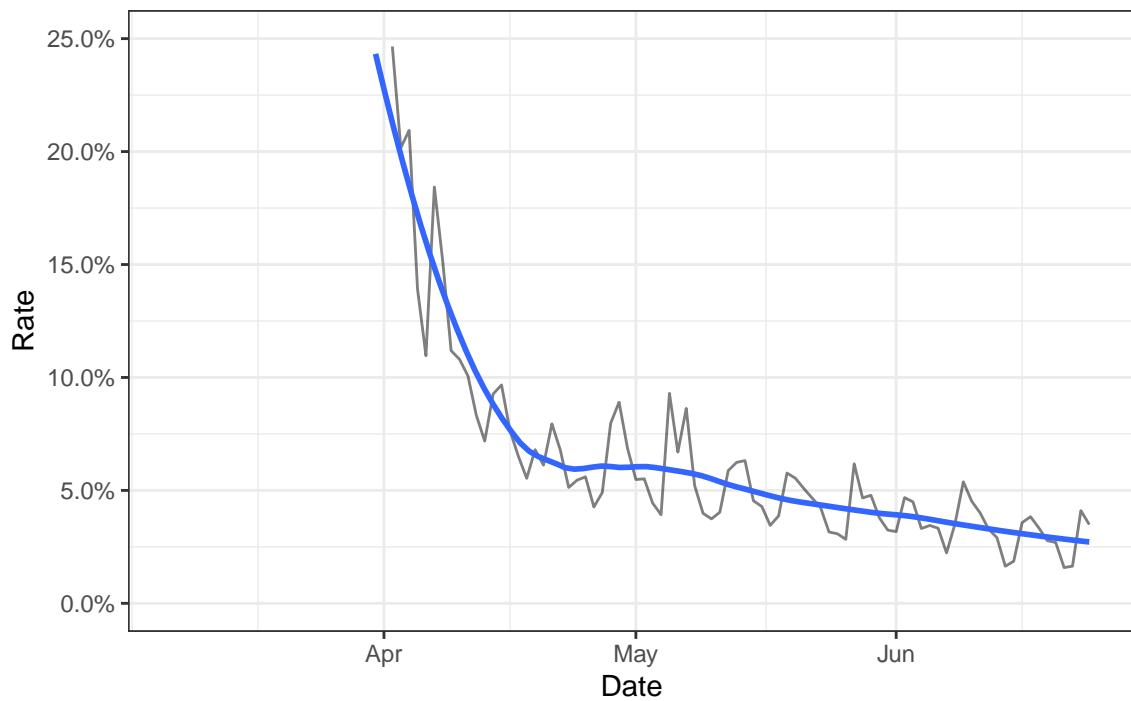
Date	Cases	Deaths	New Cases	New Deaths
2020-06-24	2,369,039	115,531	38,672	722
2020-06-23	2,330,367	114,809	32,984	703
2020-06-22	2,297,383	114,106	27,036	282
2020-06-21	2,270,347	113,824	27,278	297
2020-06-20	2,243,069	113,527	31,930	621
2020-06-19	2,211,139	112,906	31,010	647
2020-06-18	2,180,129	112,259	27,473	693
2020-06-17	2,152,656	111,566	23,842	778
2020-06-16	2,128,814	110,788	23,606	713
2020-06-15	2,105,208	110,075	18,623	379
2020-06-14	2,086,585	109,696	21,229	356
2020-06-13	2,065,356	109,340	25,112	693
2020-06-12	2,040,244	108,647	23,447	771
2020-06-11	2,016,797	107,876	22,013	903

Deaths

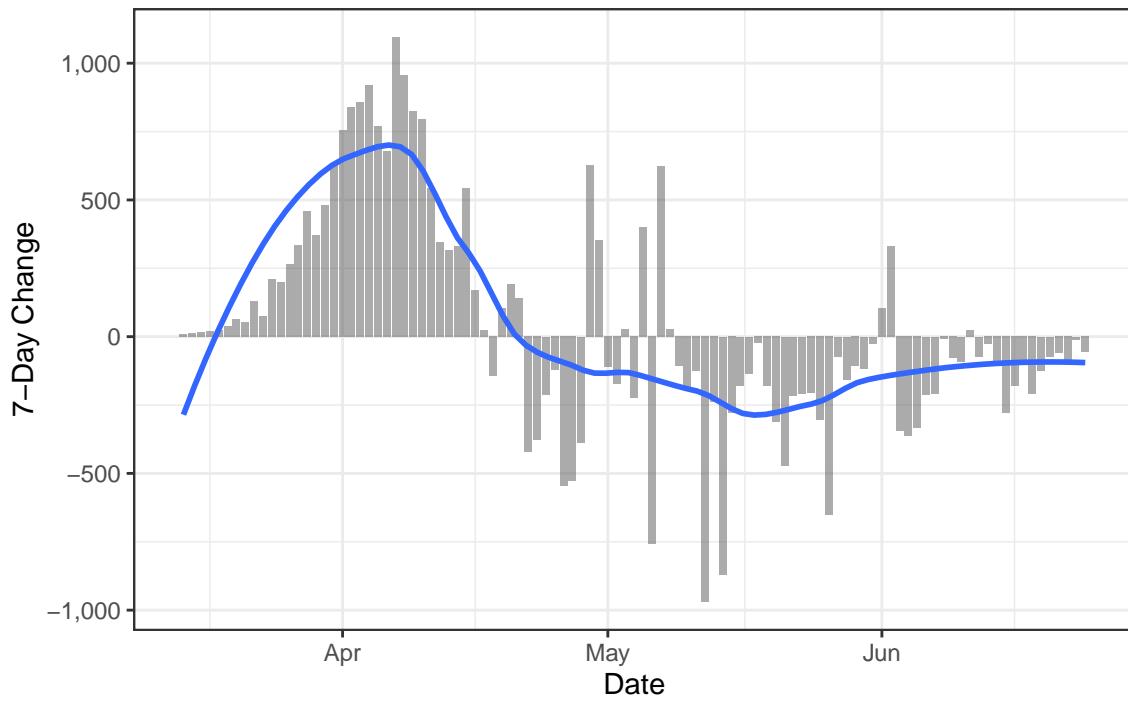
Because the effects of the virus can take several weeks to manifest in patients, deaths are a lagging indicator of contagion, but they may be a more reliable than case counts, which are a function of both the prevalence of the disease and the rate of testing. The case mortality rate is a very crude indicator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

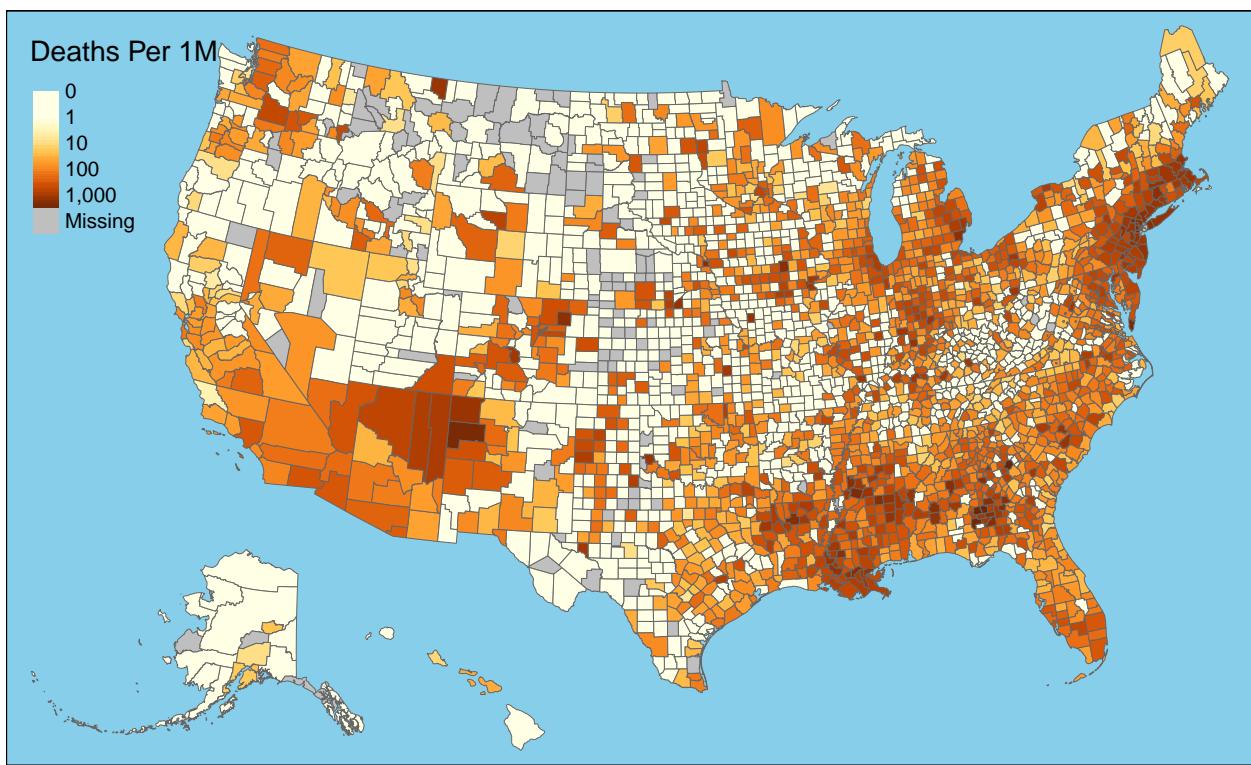


Daily Case Mortality Rate



One-Week Change in Daily Deaths

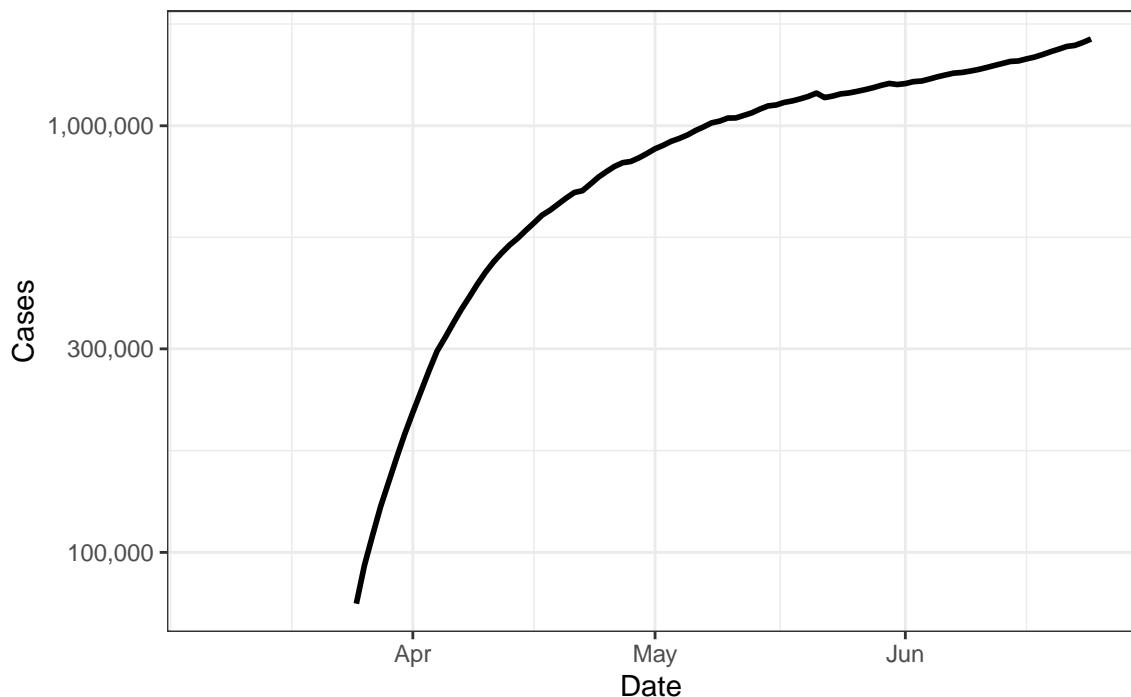




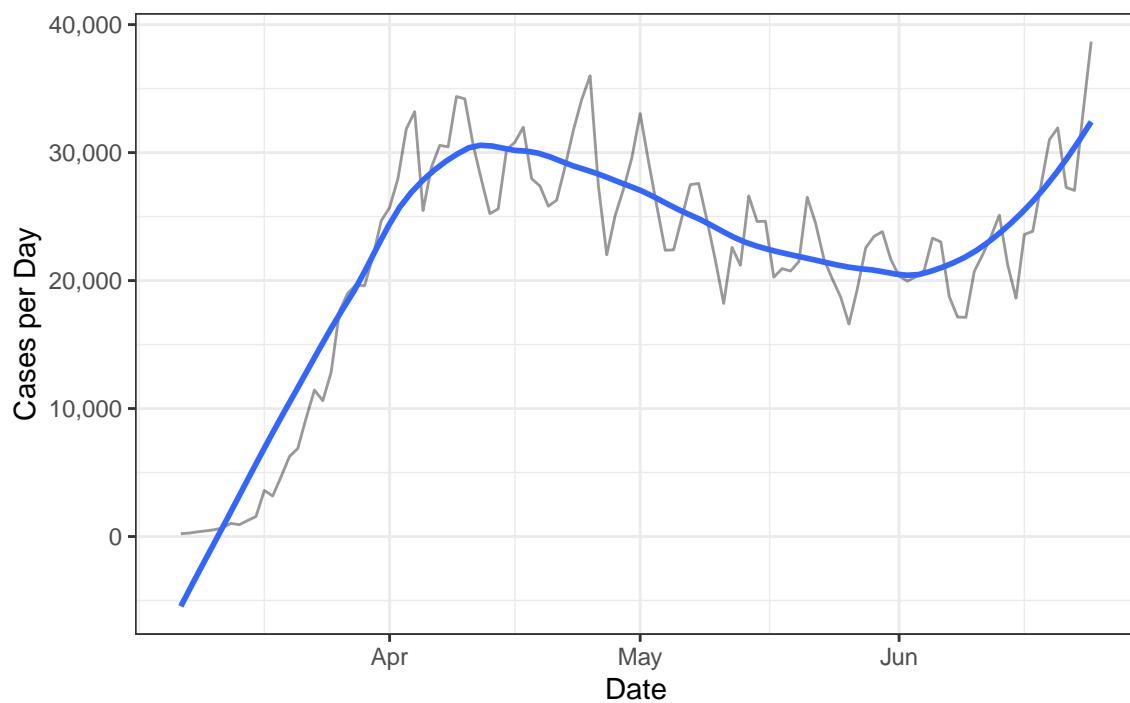
Cases

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

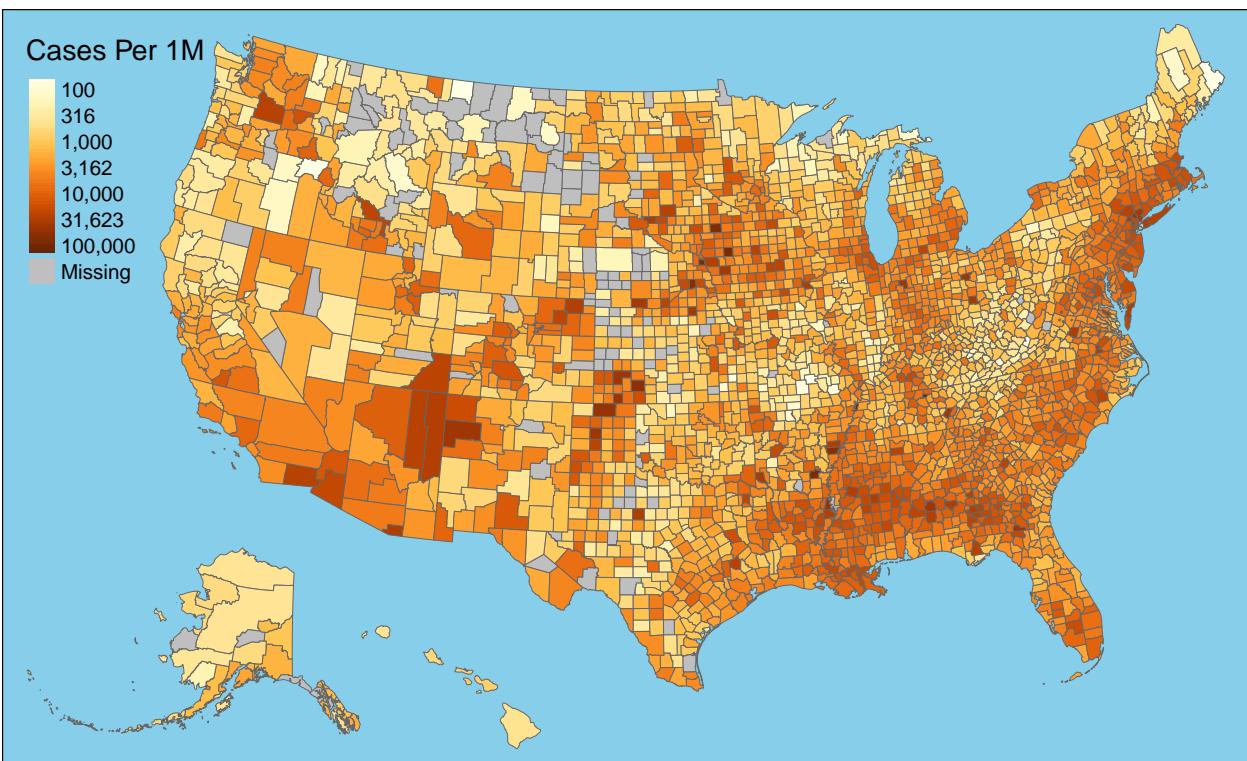
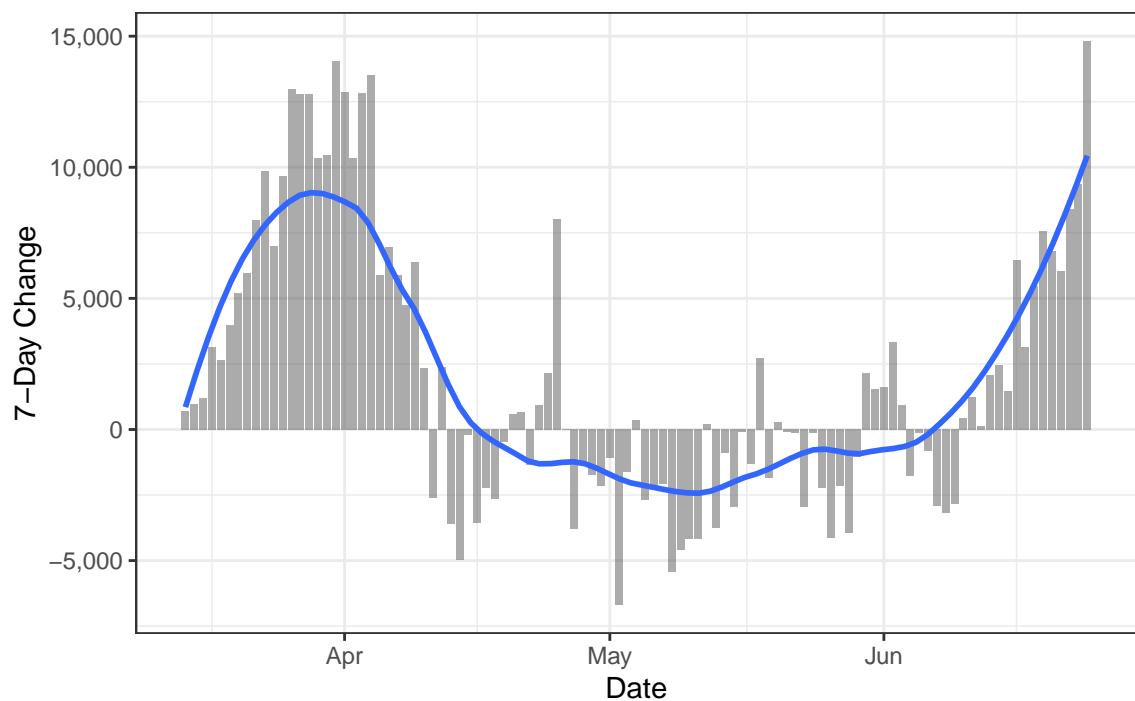
Active Cases



New Cases

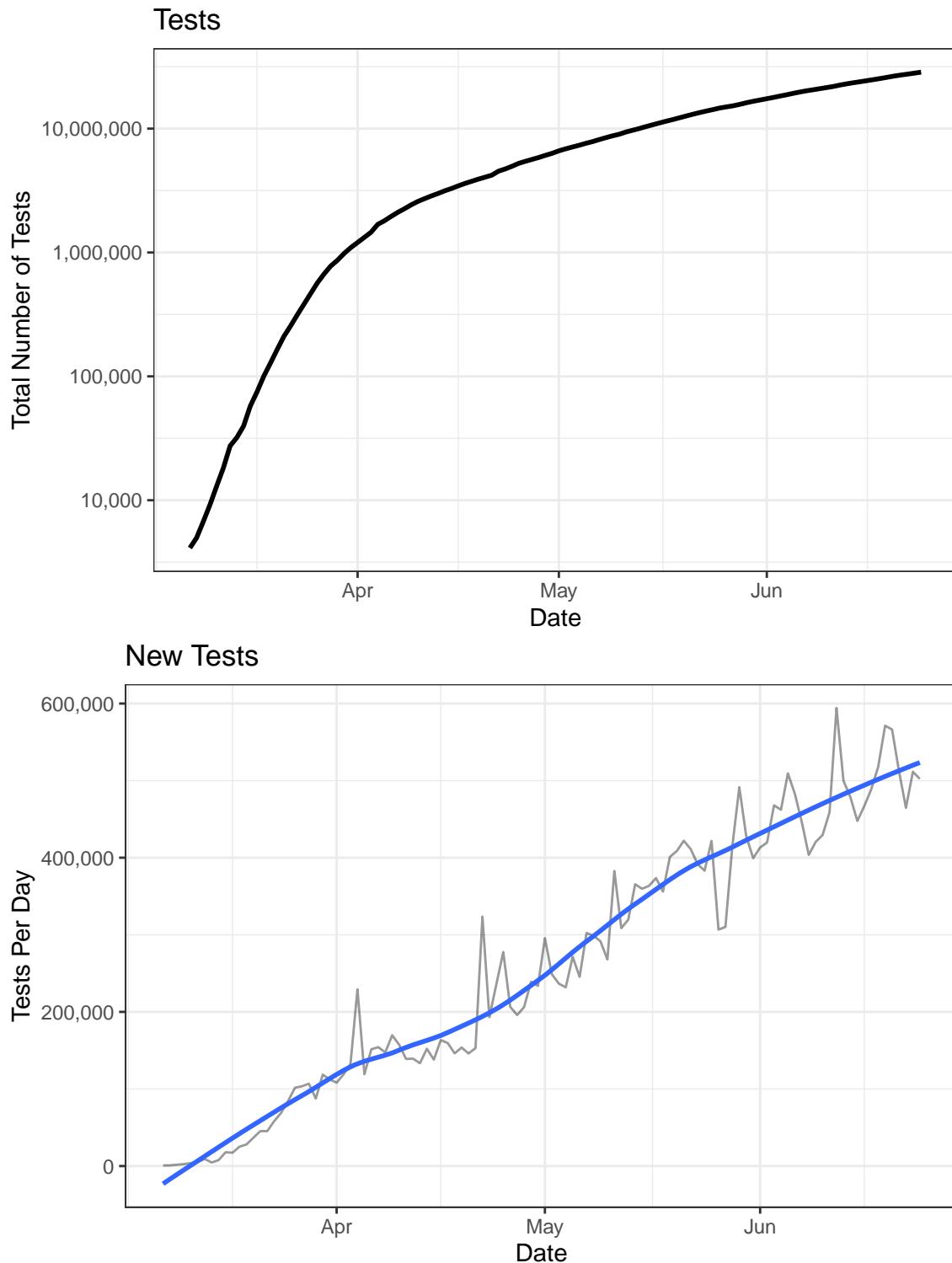


One-Week Change in Daily Cases

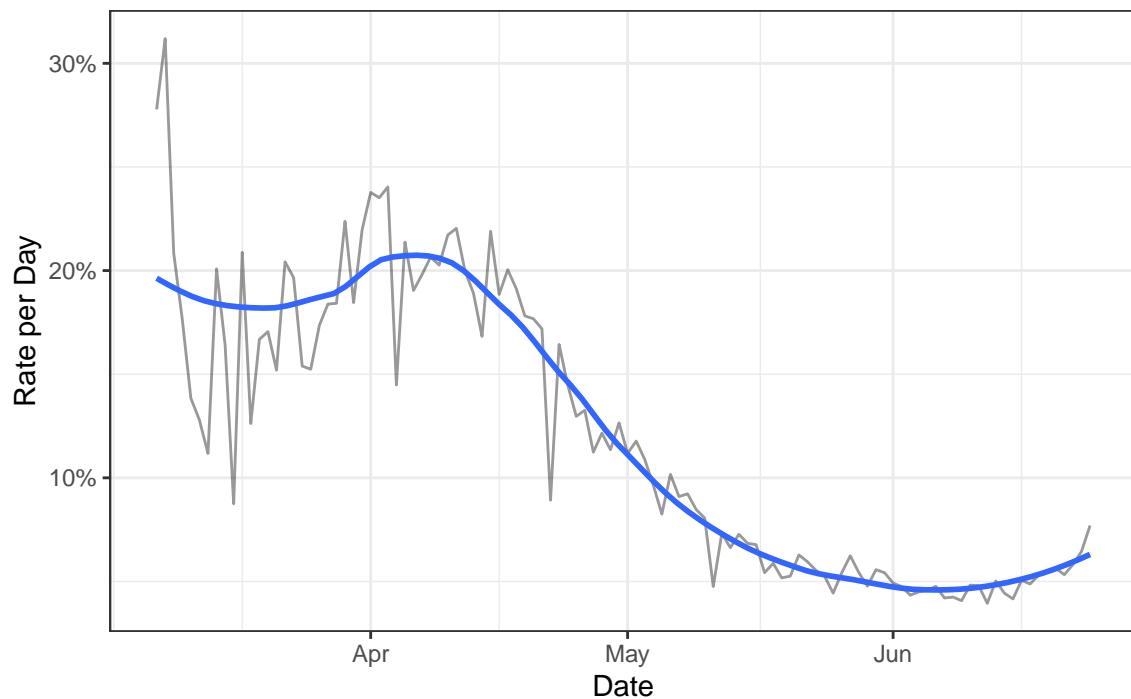


Testing

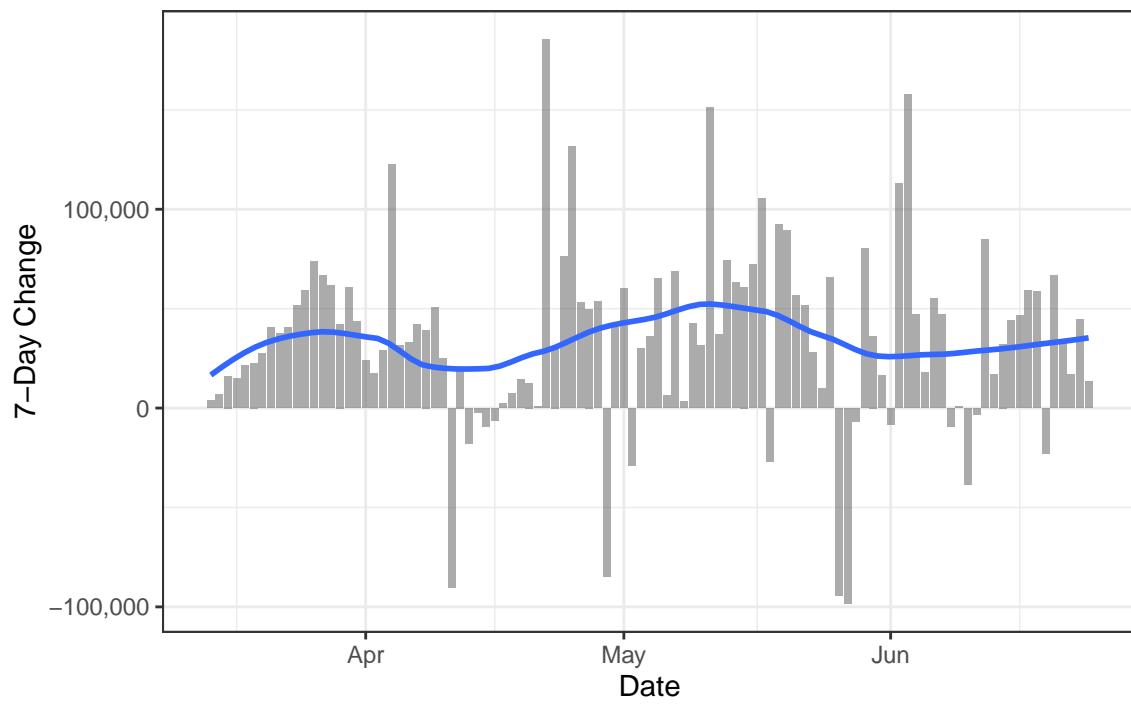
Widespread testing is necessary for managing the spread of the disease. The following charts show how testing in the United States has changed over time. When the supply of available tests is limited, they are typically only used for patients whose symptoms suggest they are likely to have contracted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



Positive Test Rate



One-Week Change in Daily Tests

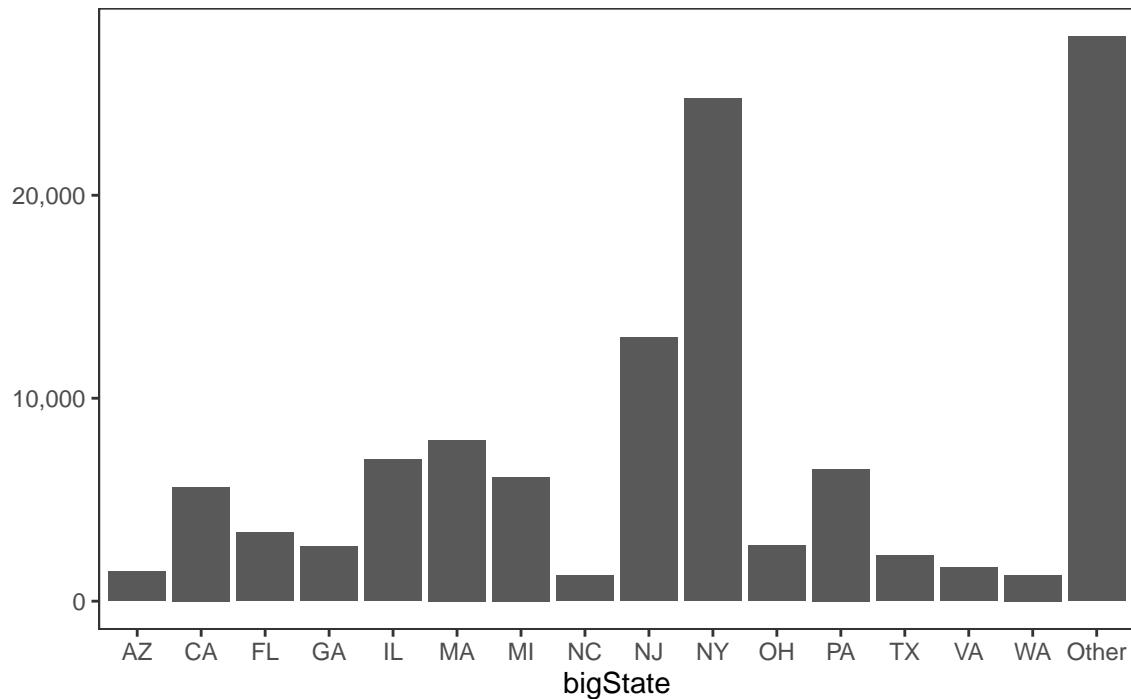


State Data

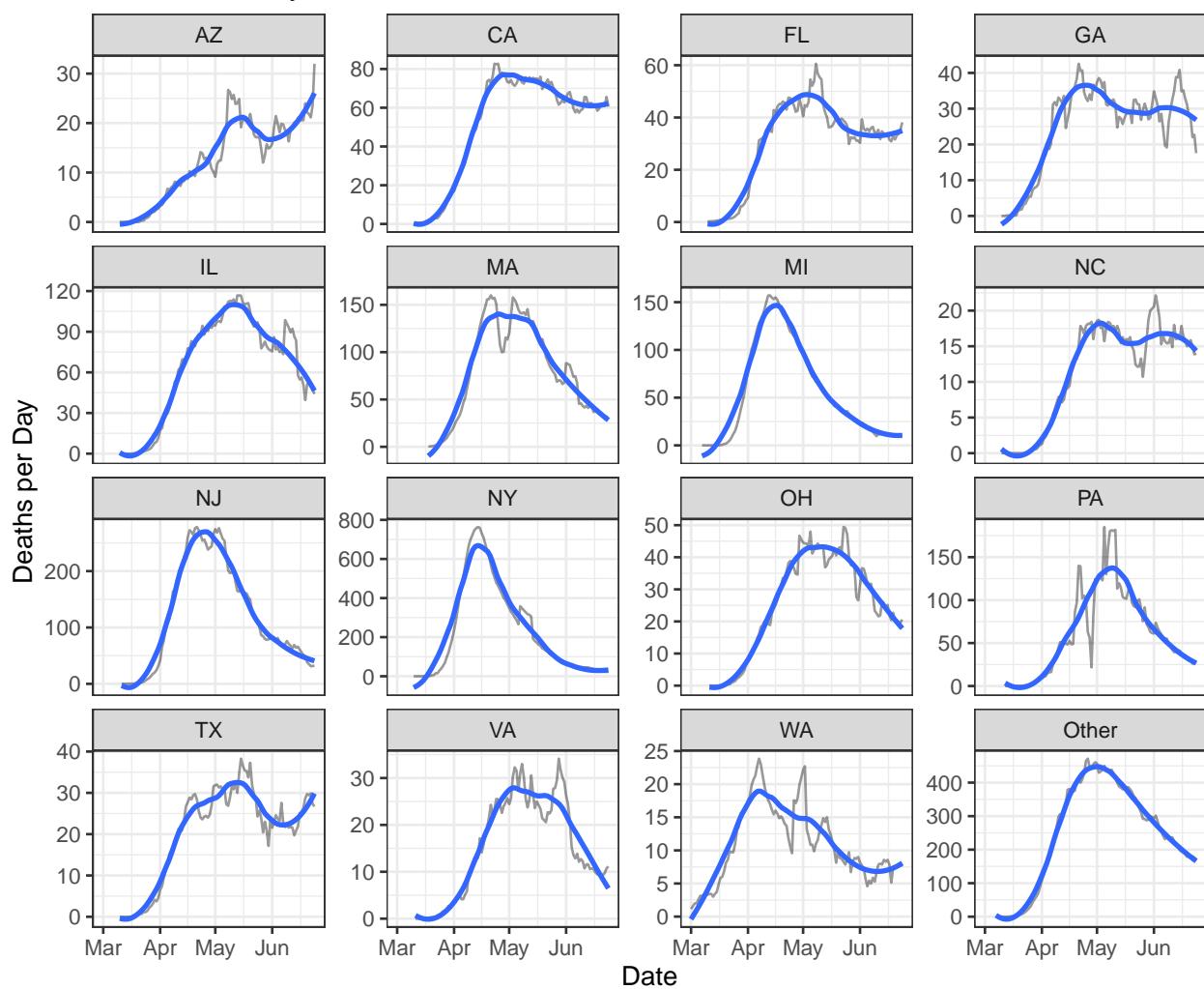
This section summarizes state-level data. Most data are reported for the largest 15 states by population, which account for NaN percent of the total U.S. population.

Deaths

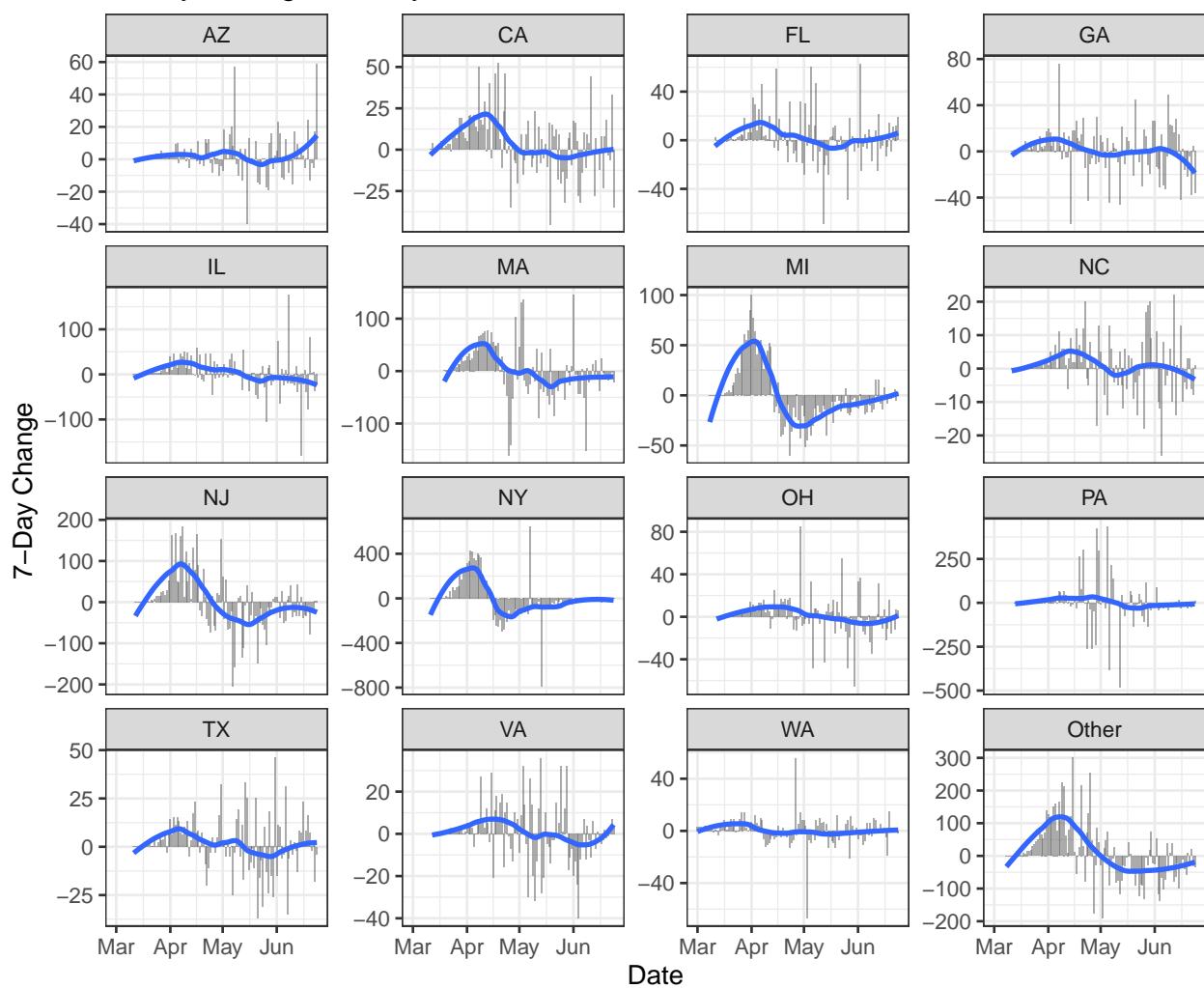
Deaths by State

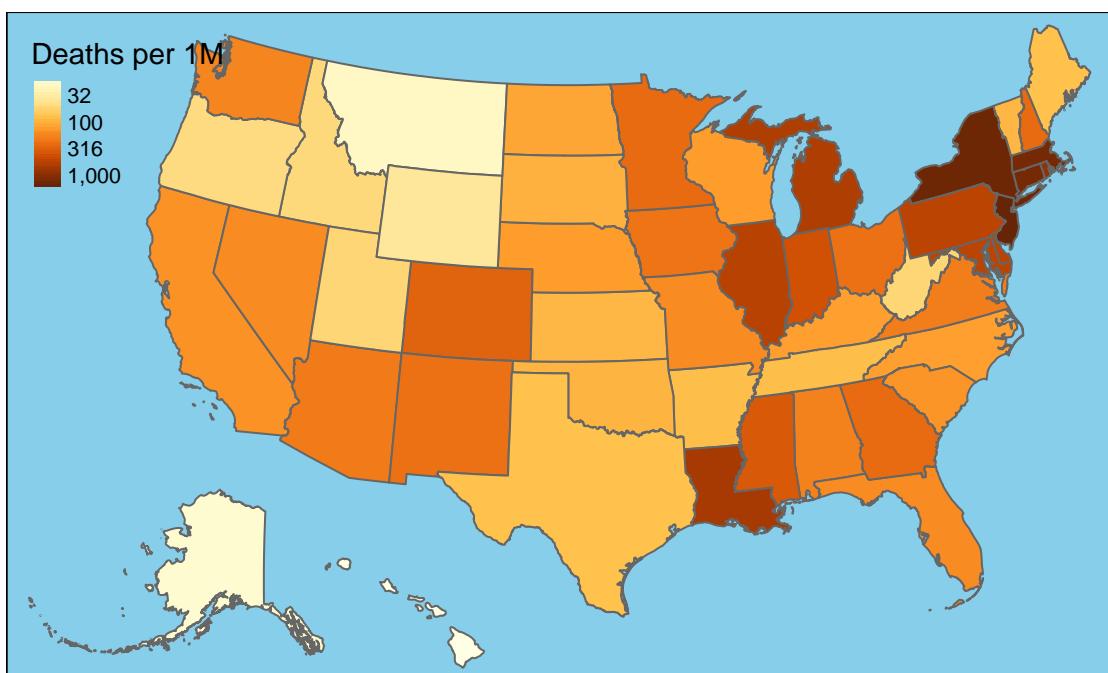
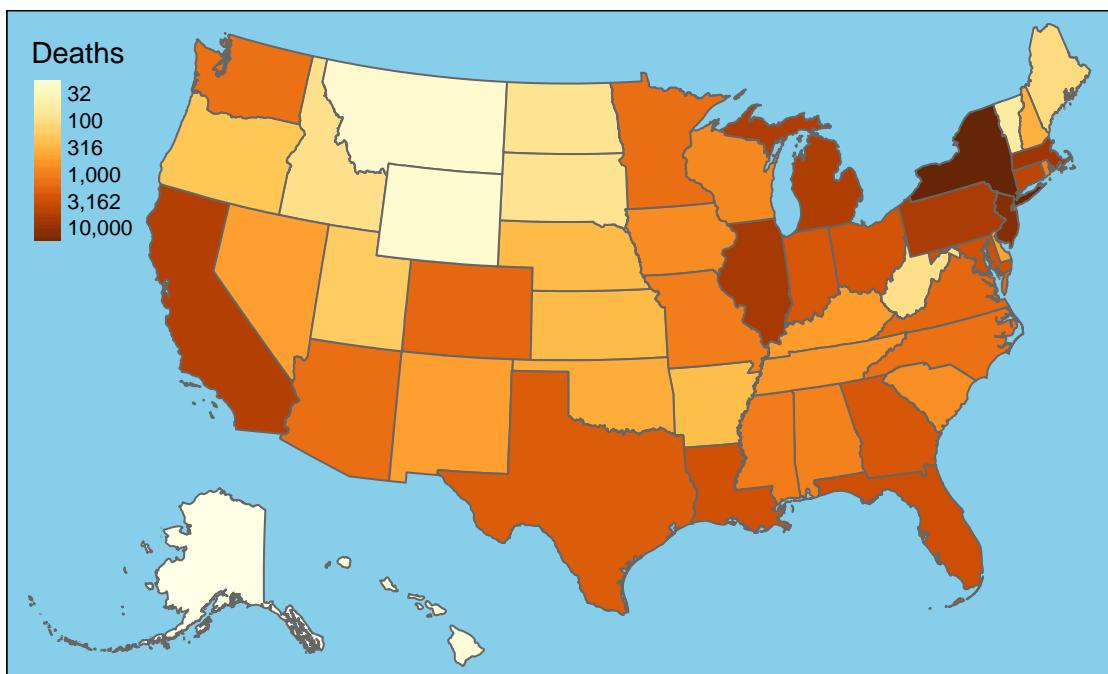


New Deaths by State



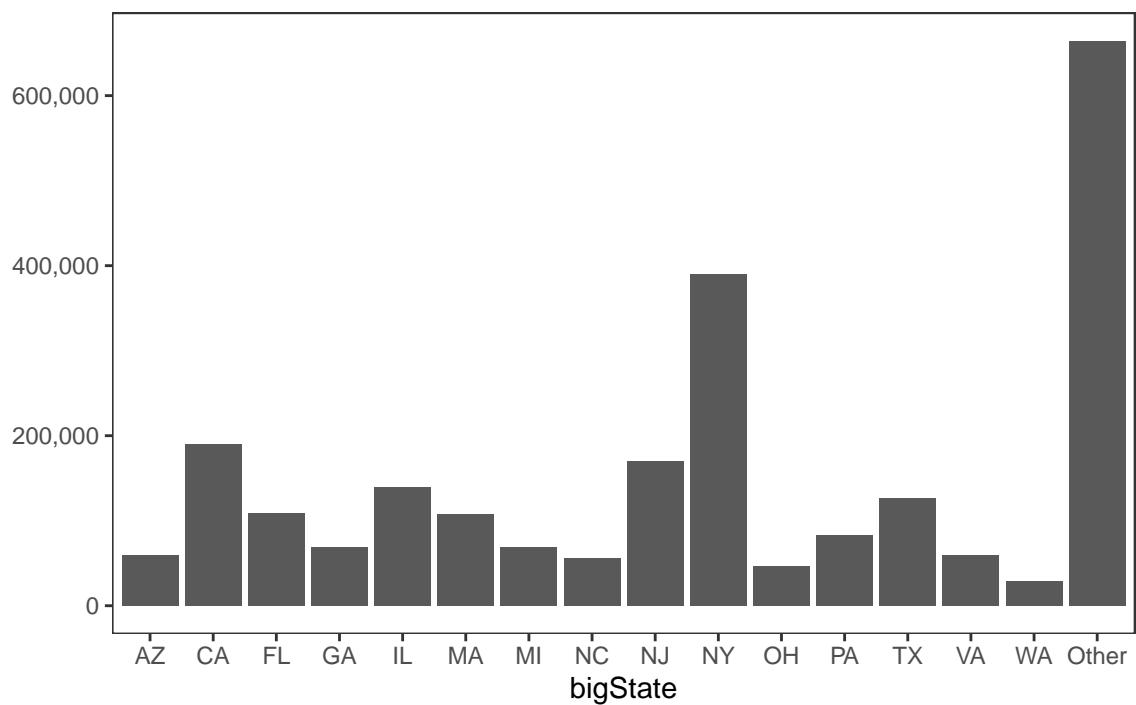
7-Day Change in Daily Deaths



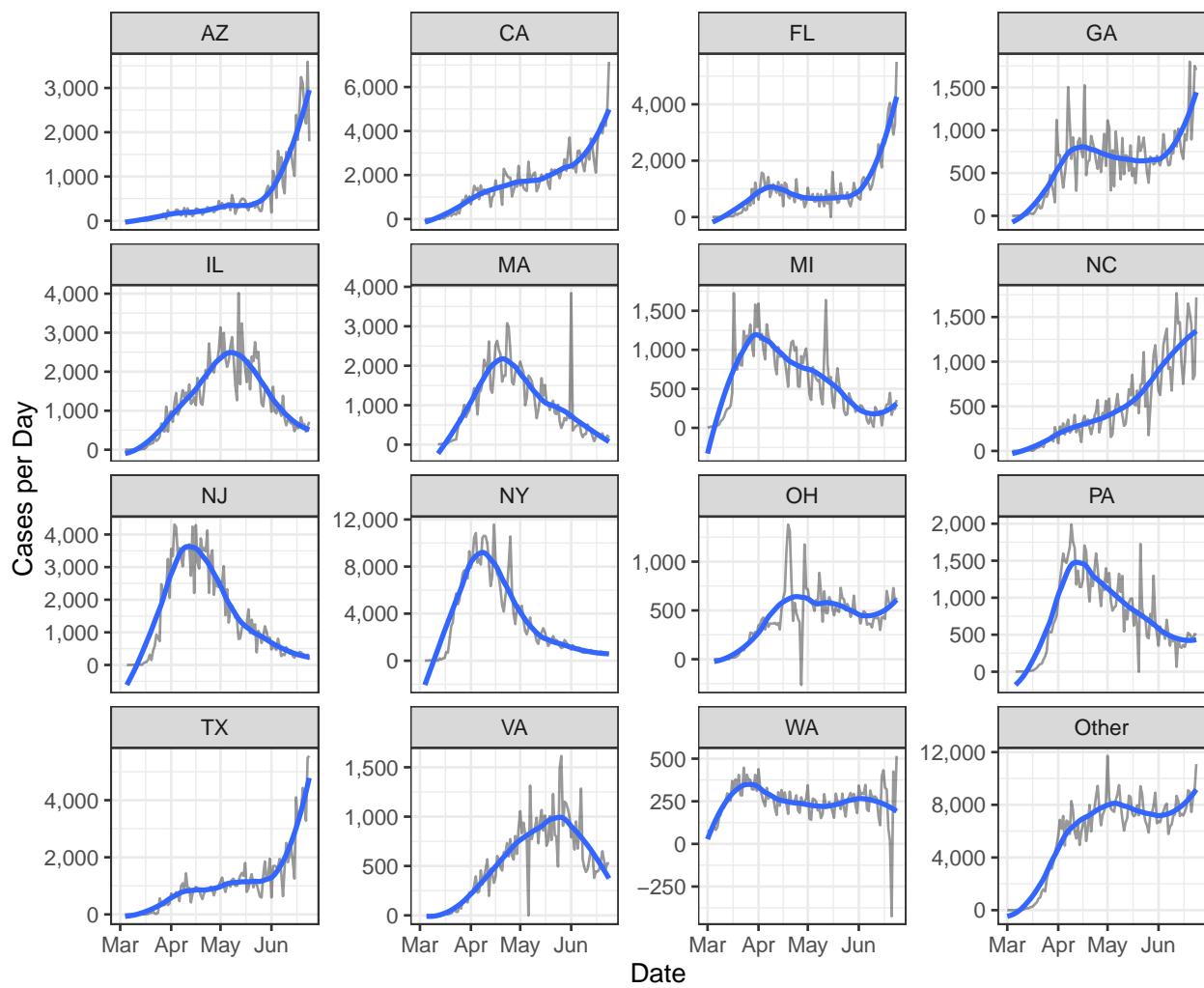


Cases

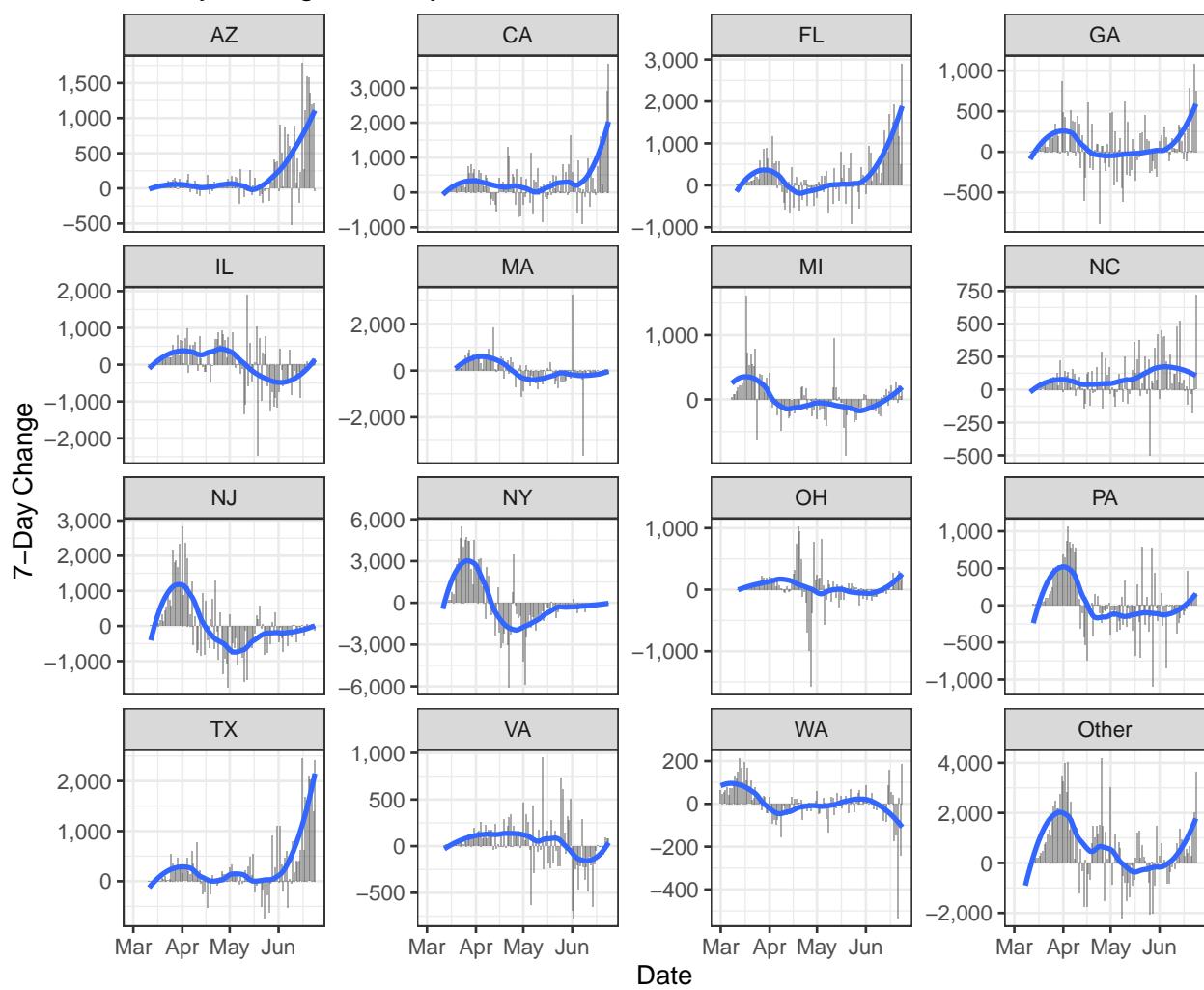
Cases by State

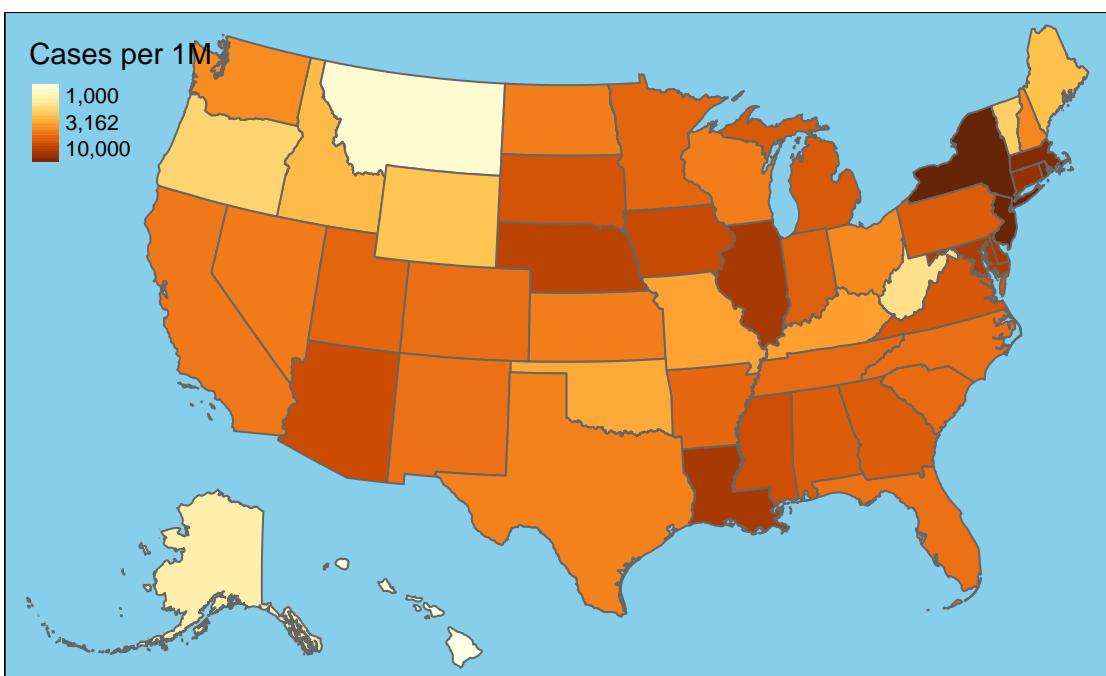
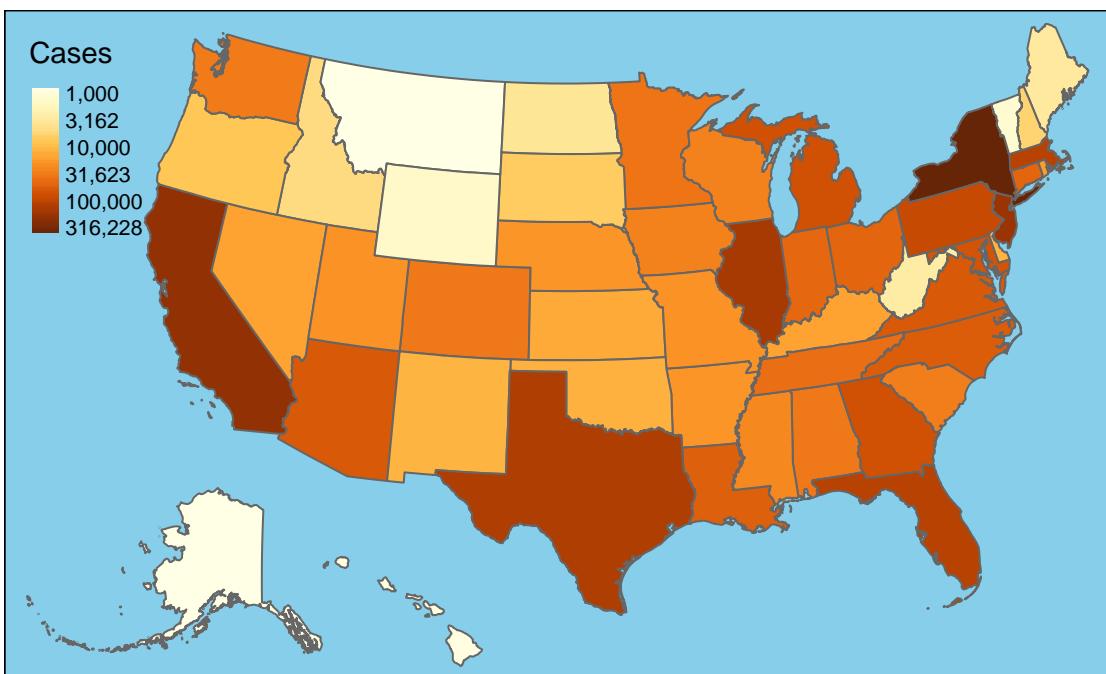


New Cases by State



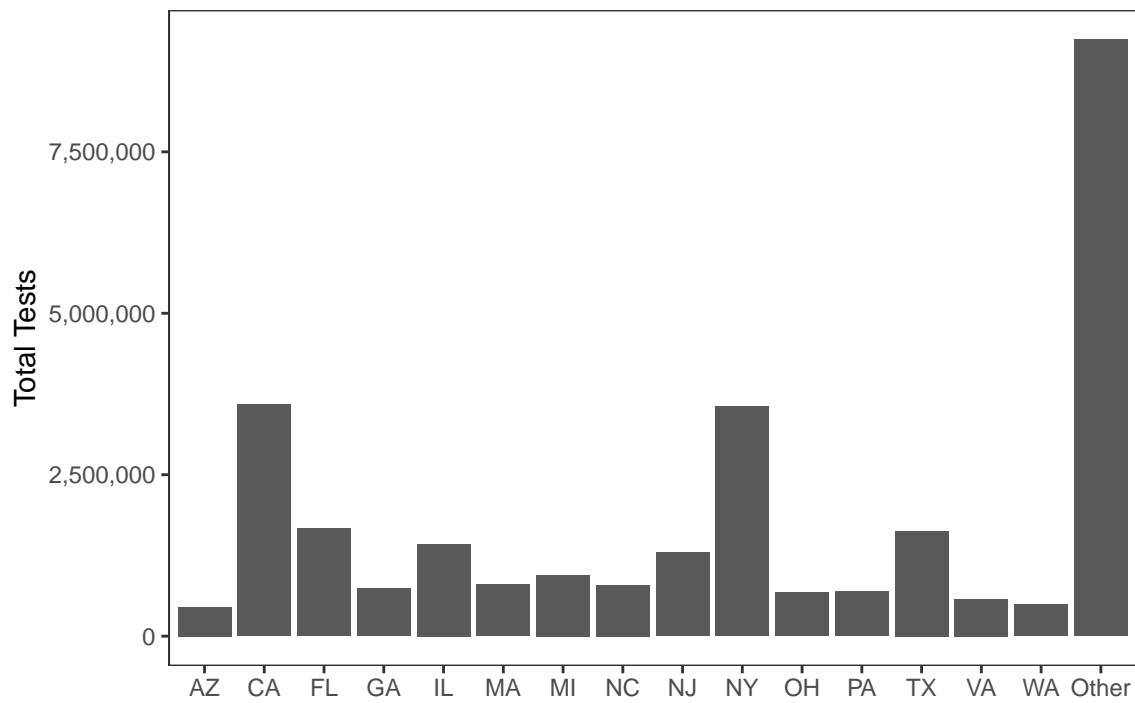
7-Day Change in Daily Cases



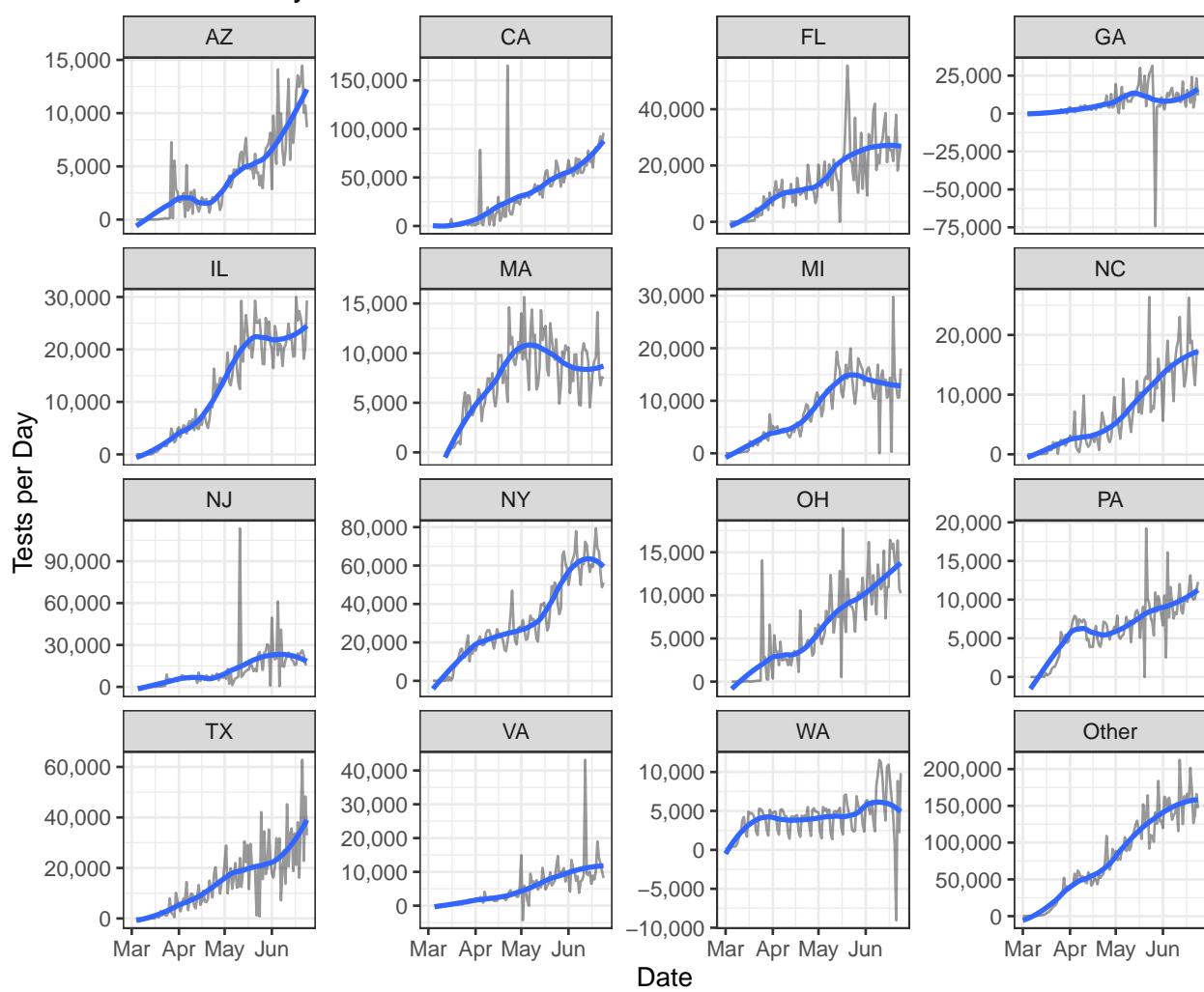


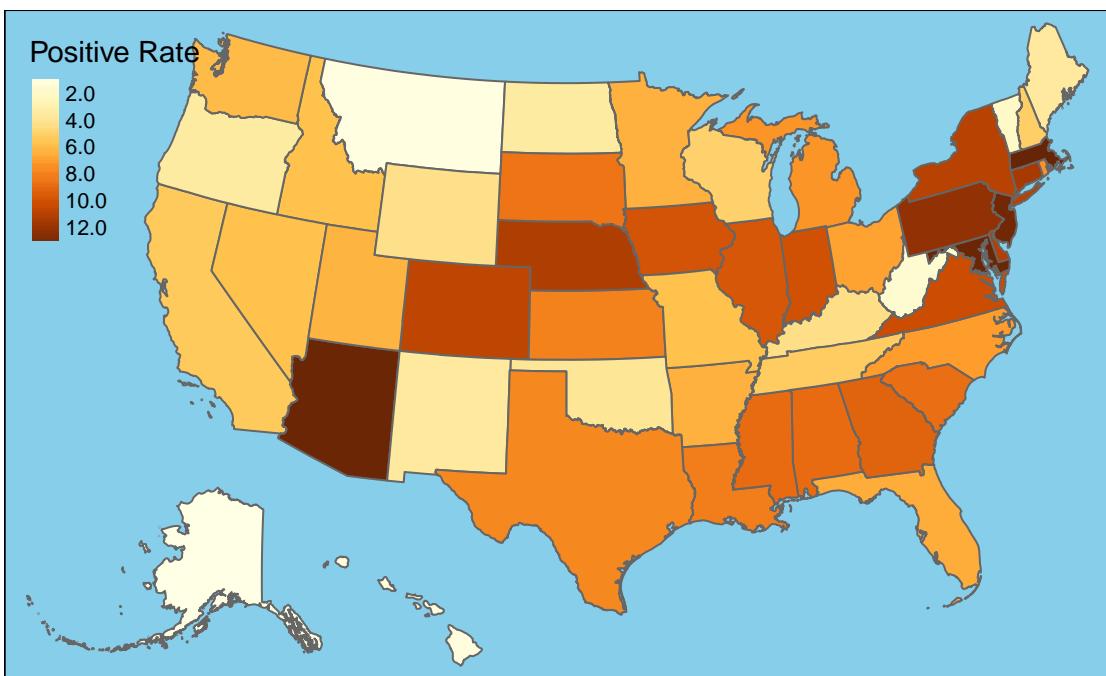
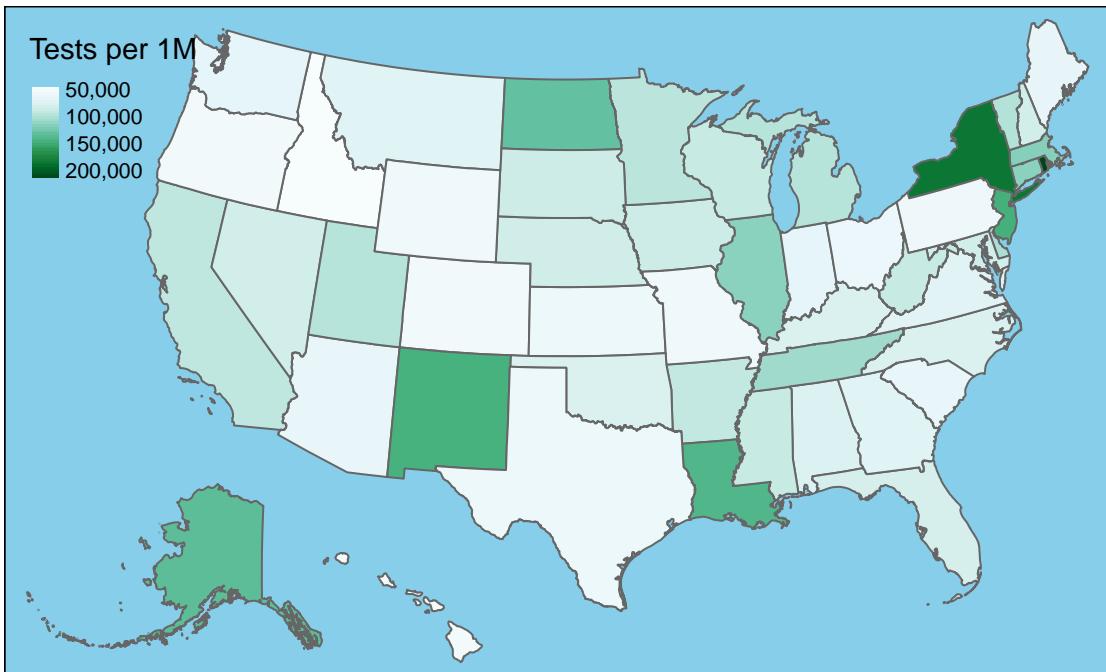
Testing

Tests by State



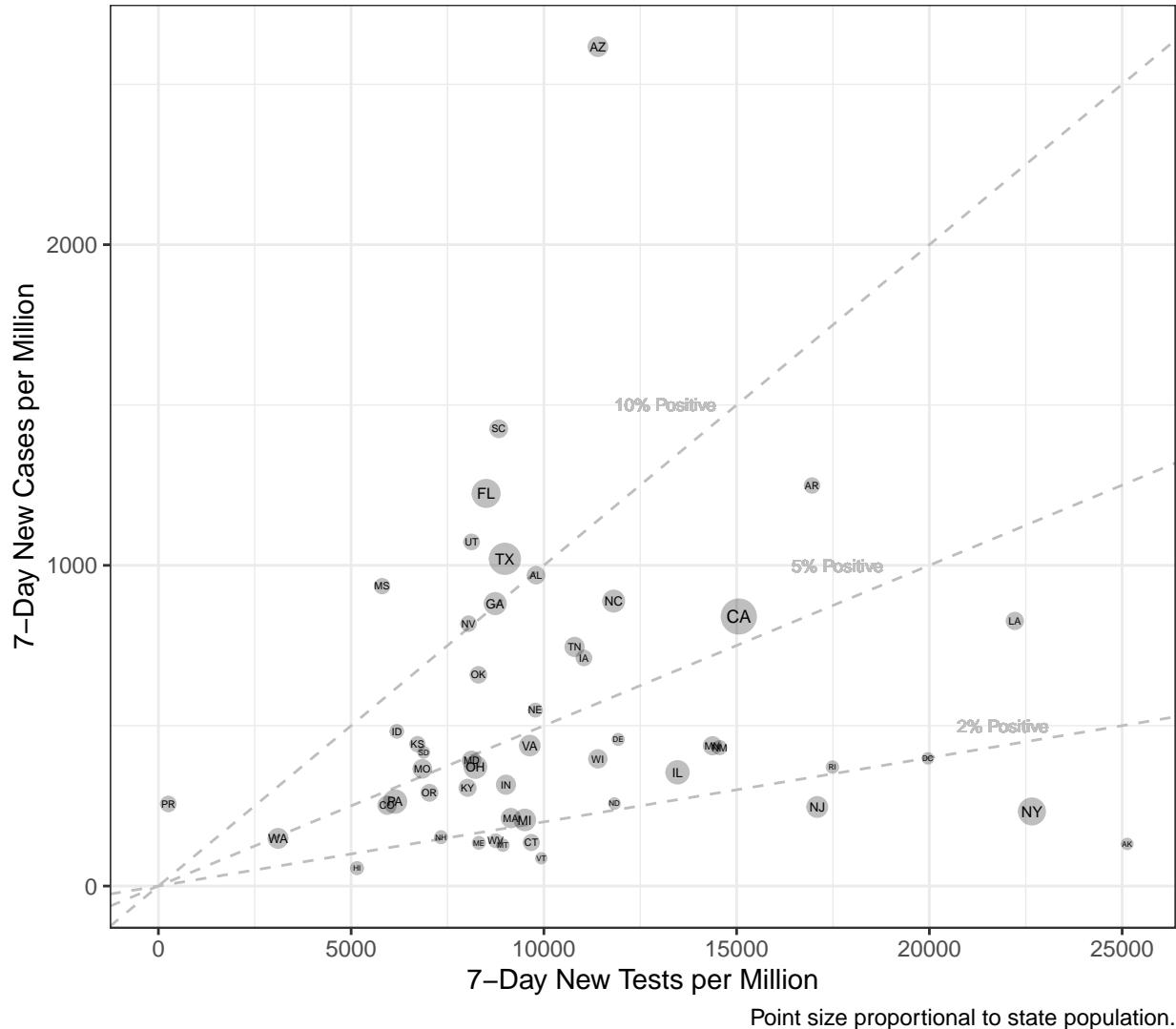
New Tests by State





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



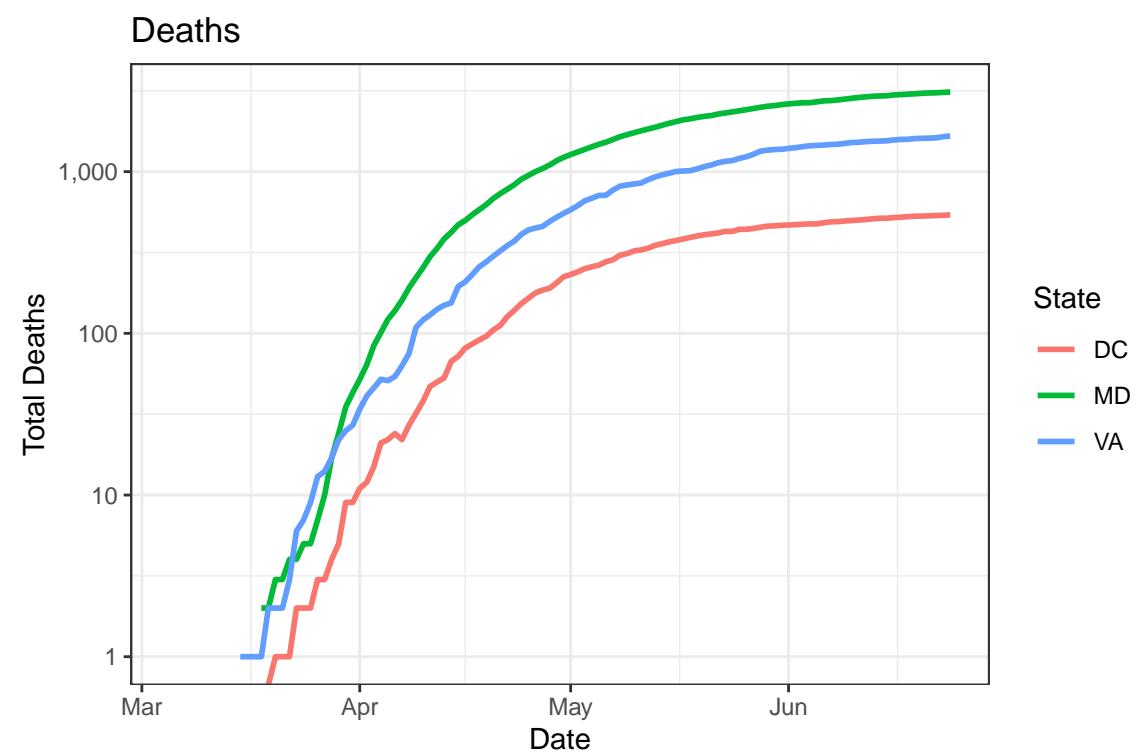
Local Data

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

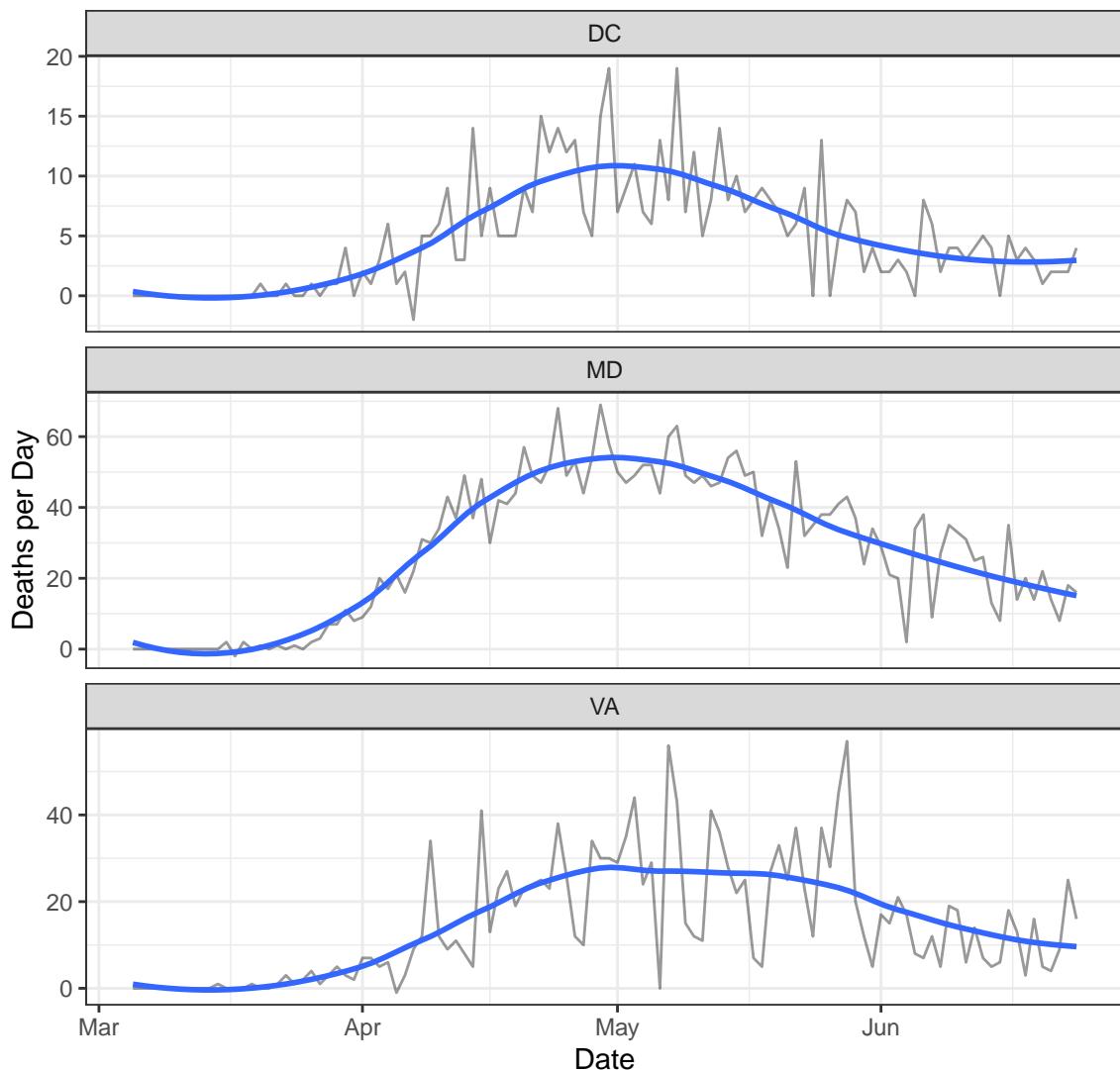
Table 3: Latest Local Data

State	Cases	Deaths	New Cases	New Deaths
DC	10,128	541	34	4
MD	65,337	3,108	330	16
VA	59,514	1,661	520	16

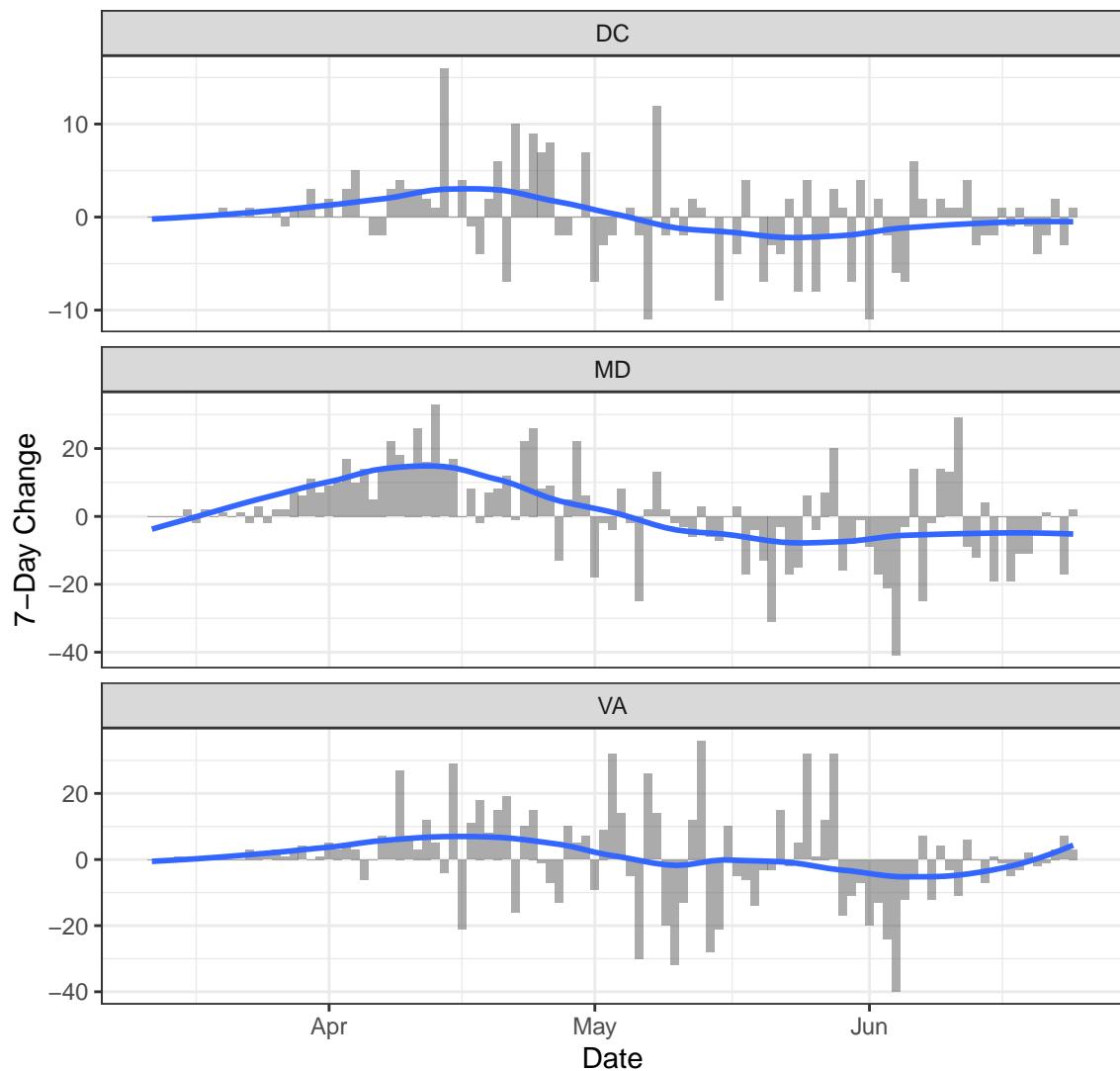
Deaths

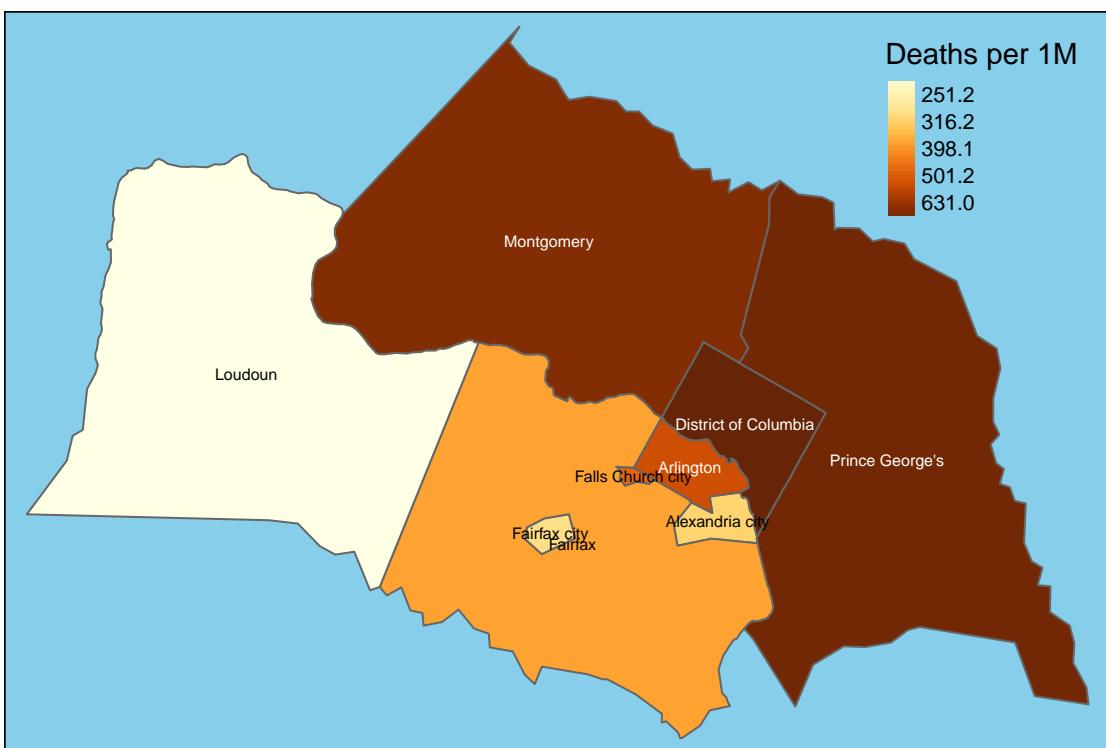
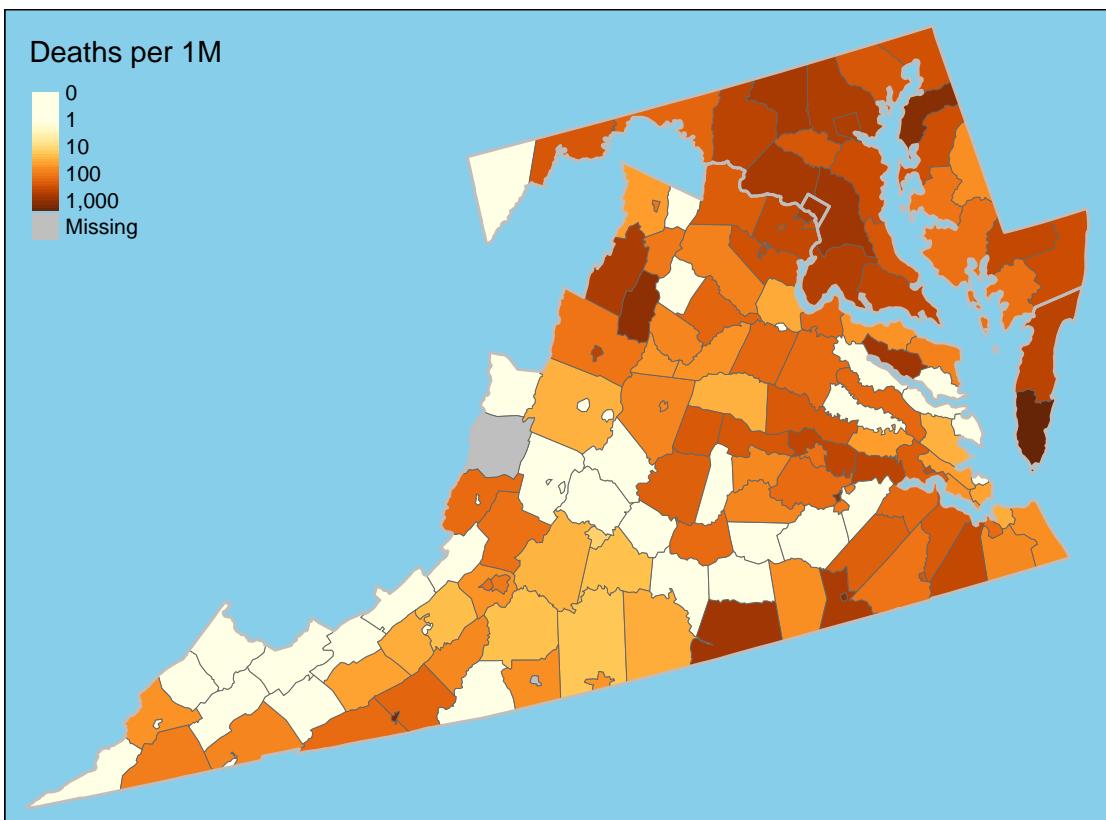


New Deaths

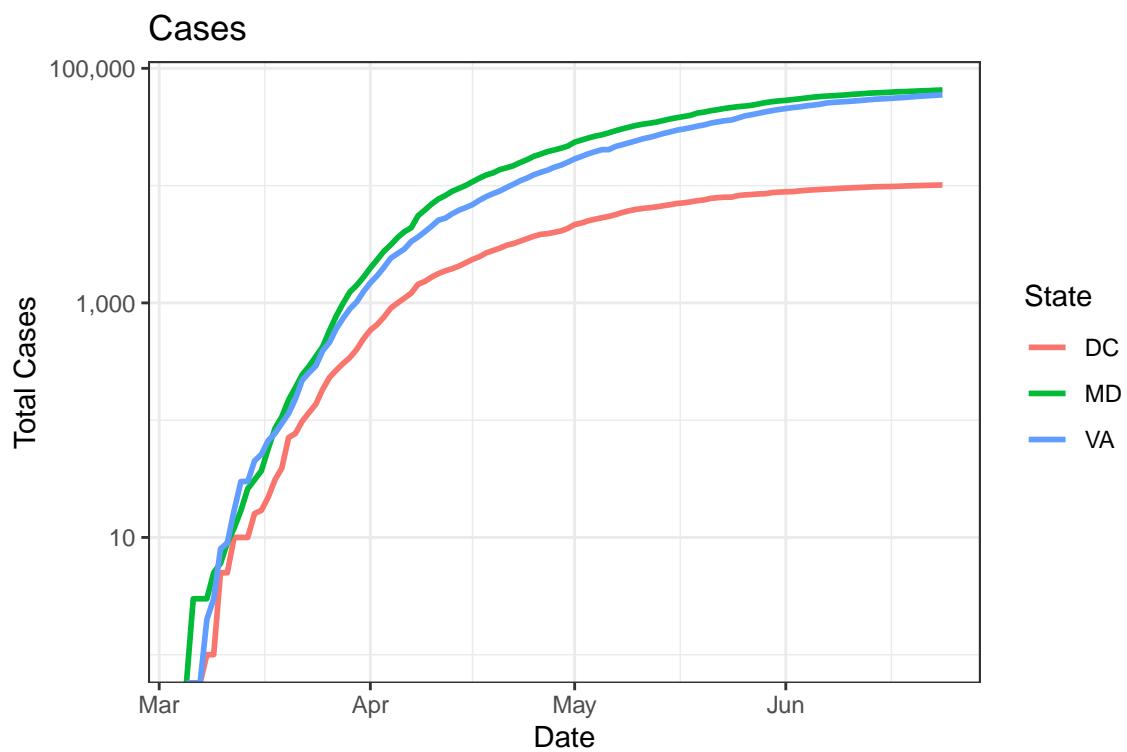


One-Week Change in Daily Deaths

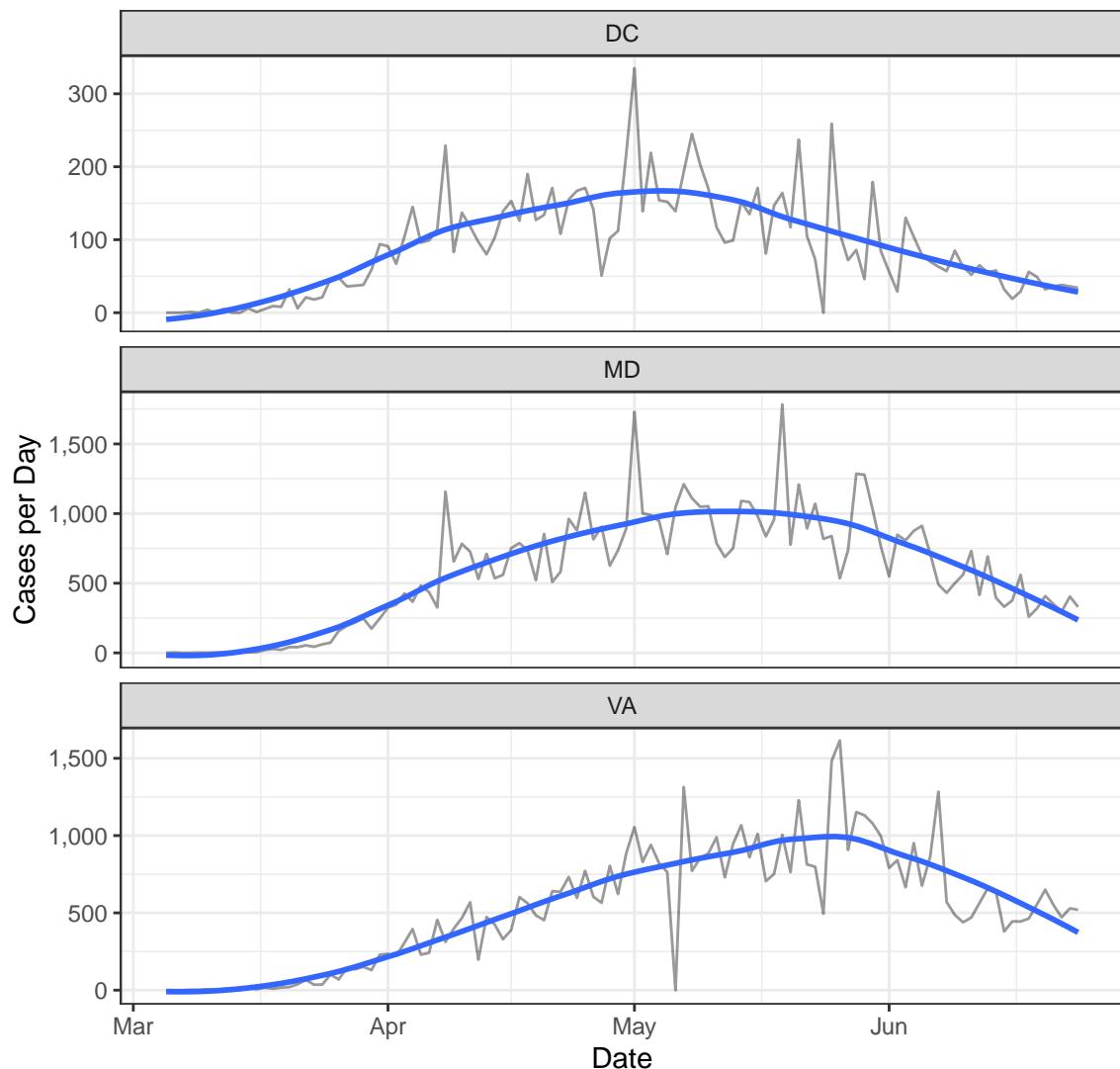




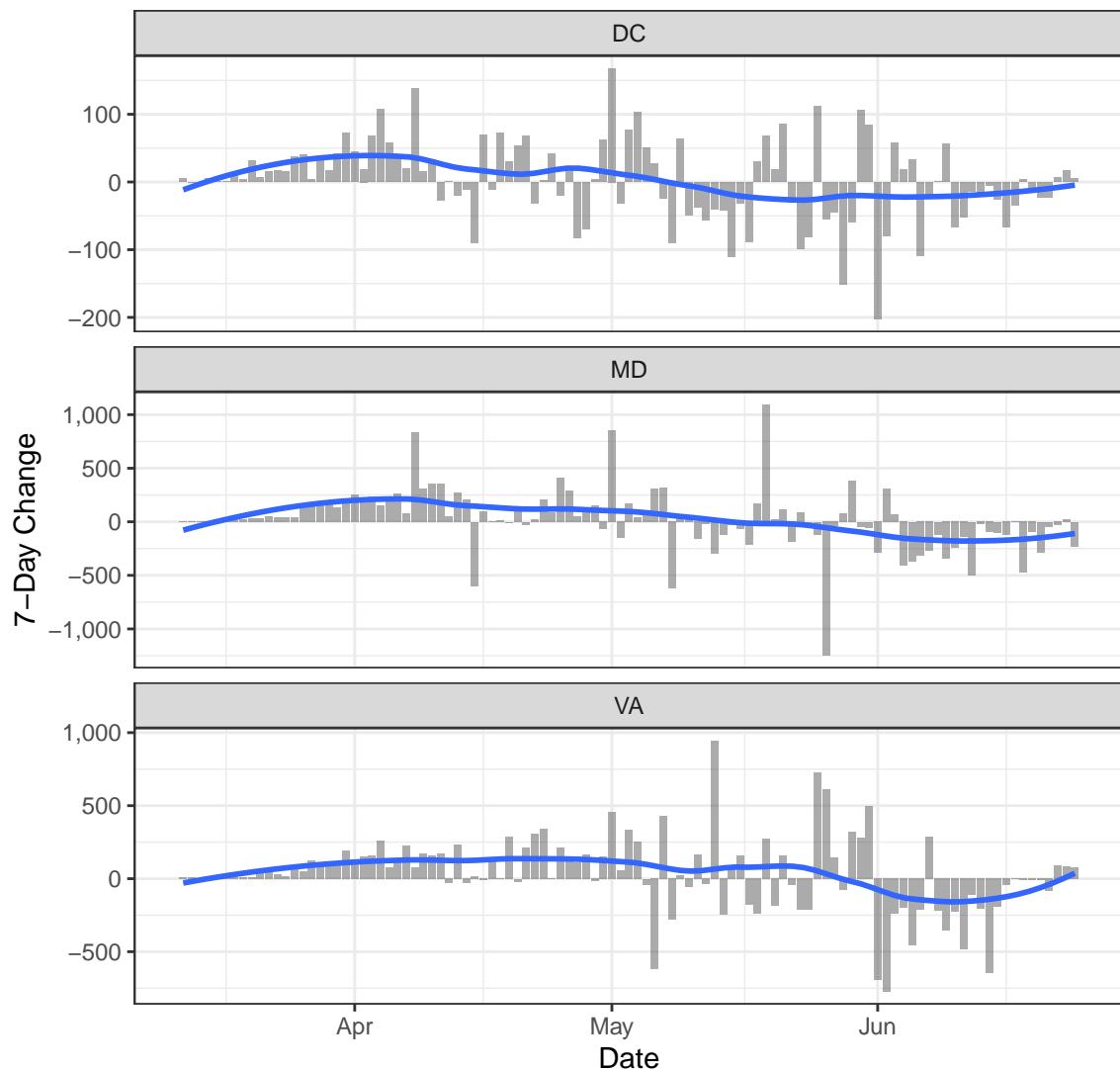
Cases

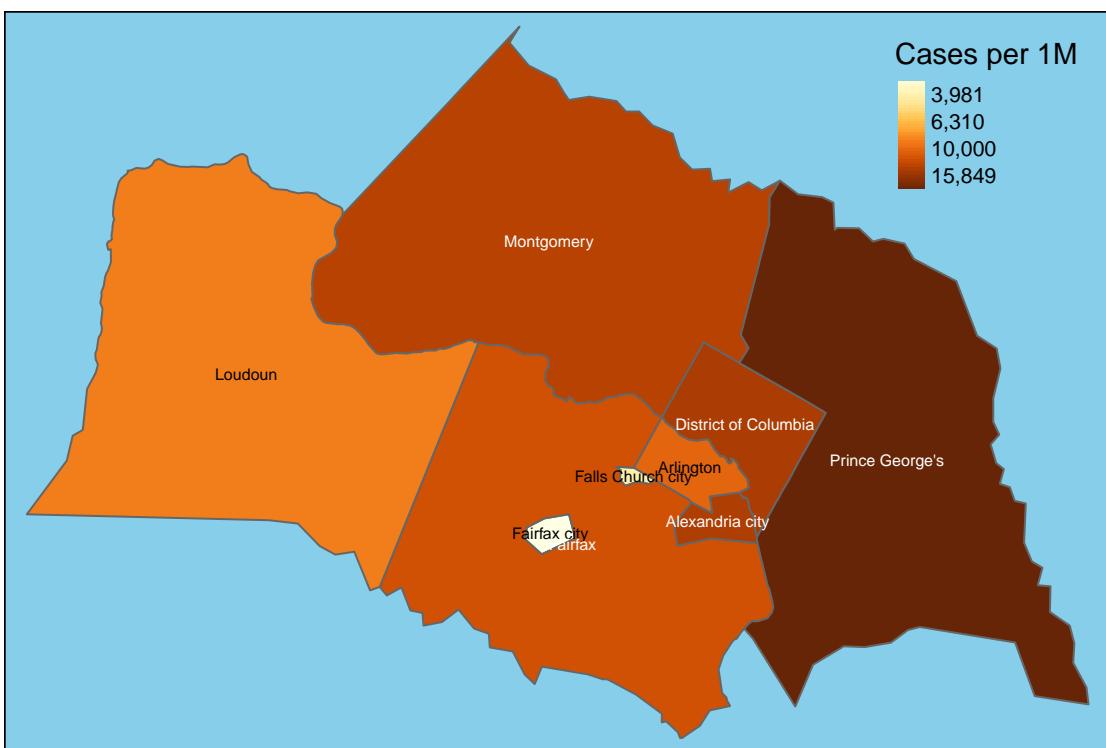
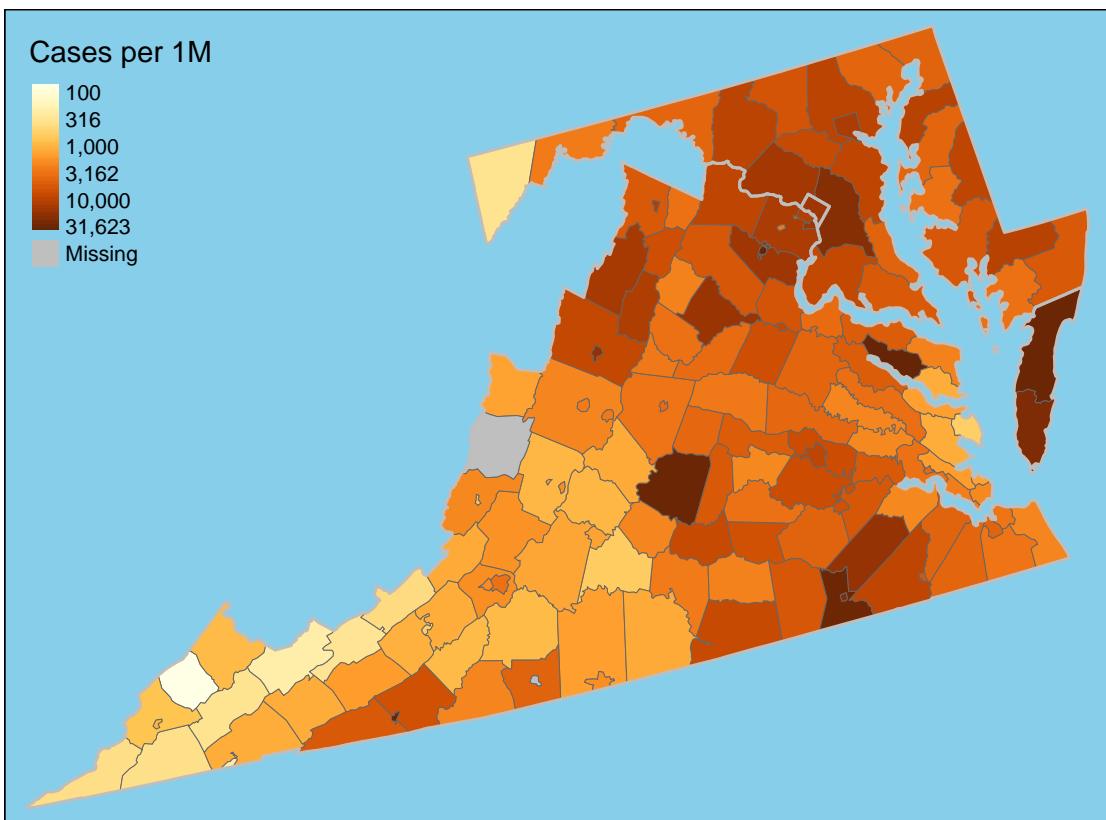


New Cases

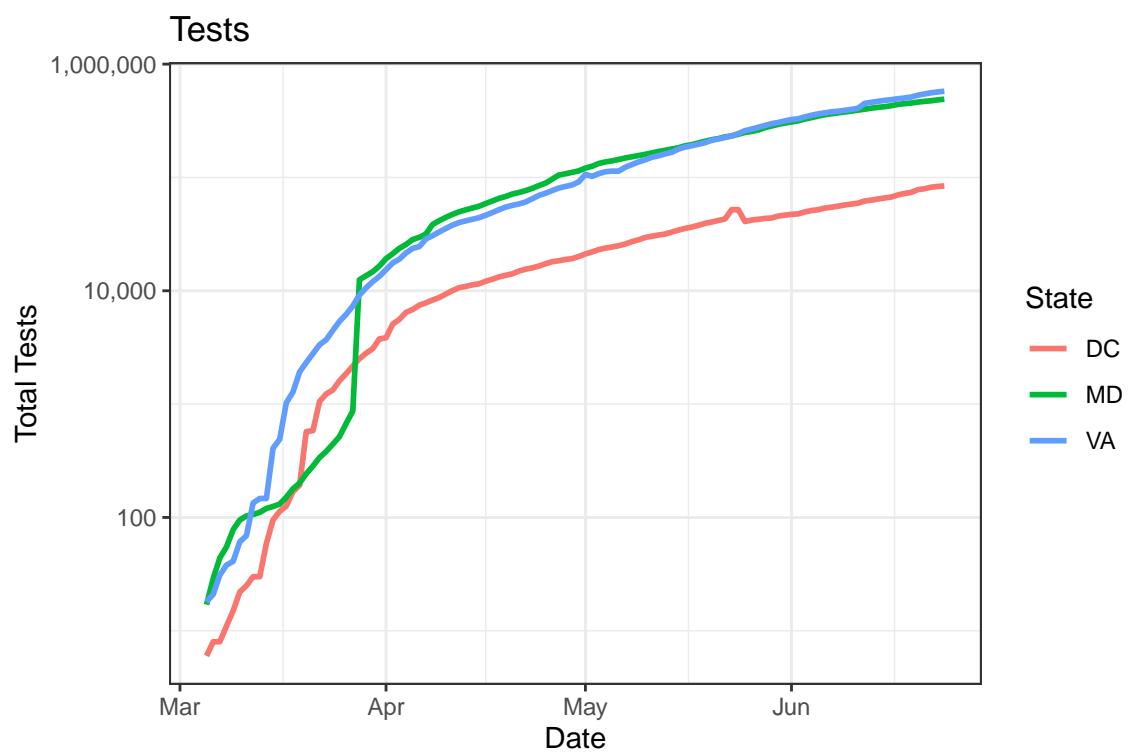


One-Week Change in Daily Cases

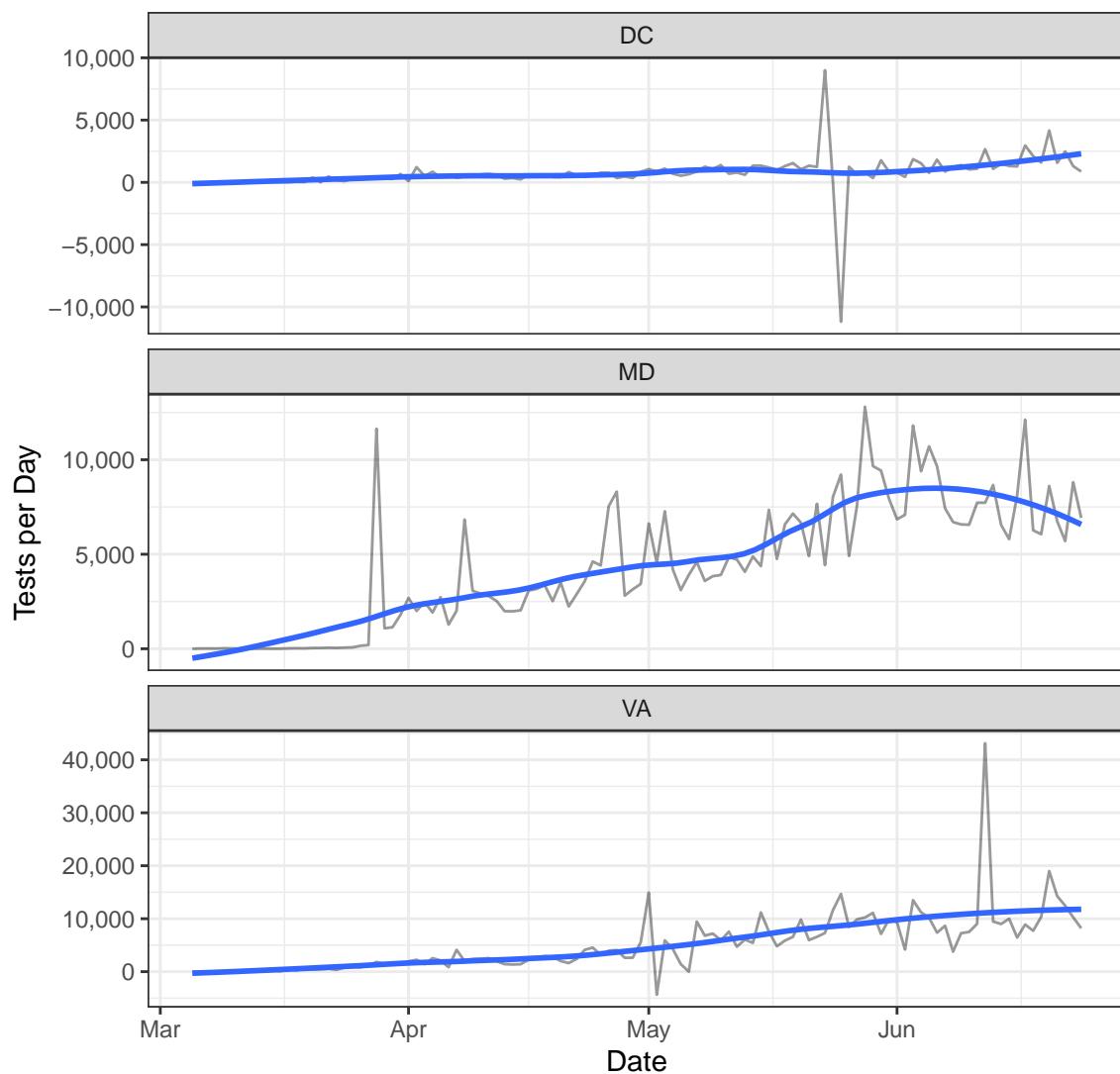




Testing



New Tests



Positive Test Rate

