

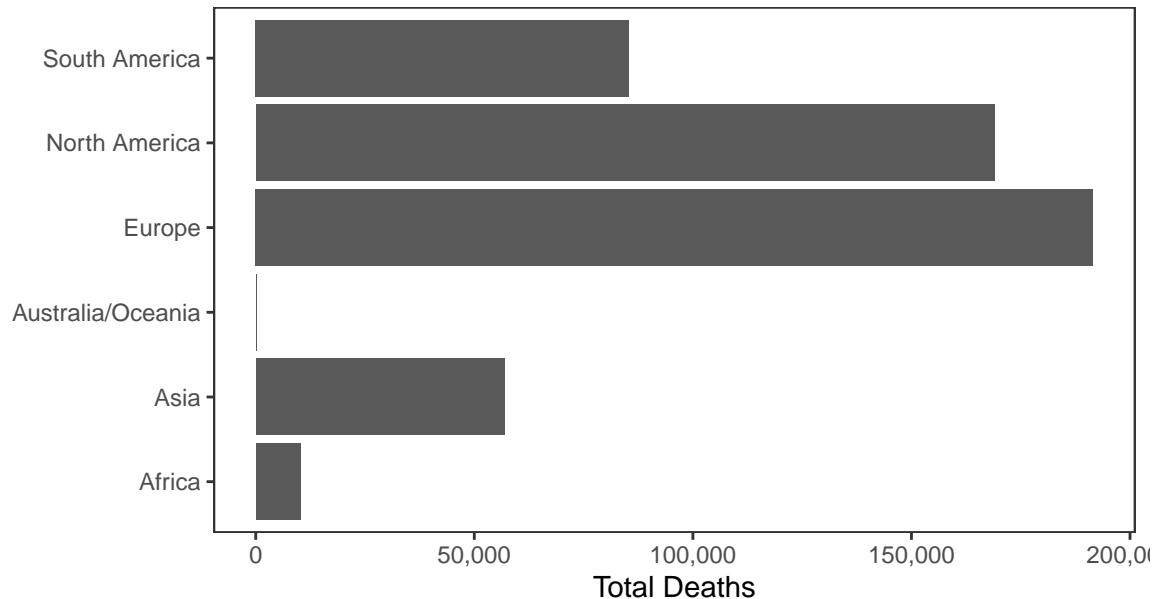
Erik's Covid-19 Chart Pack

Data updated 2020-07-01 21:26:58. 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 10,598,199 confirmed Covid-19 cases and 513,211 deaths worldwide.

Deaths



Cases

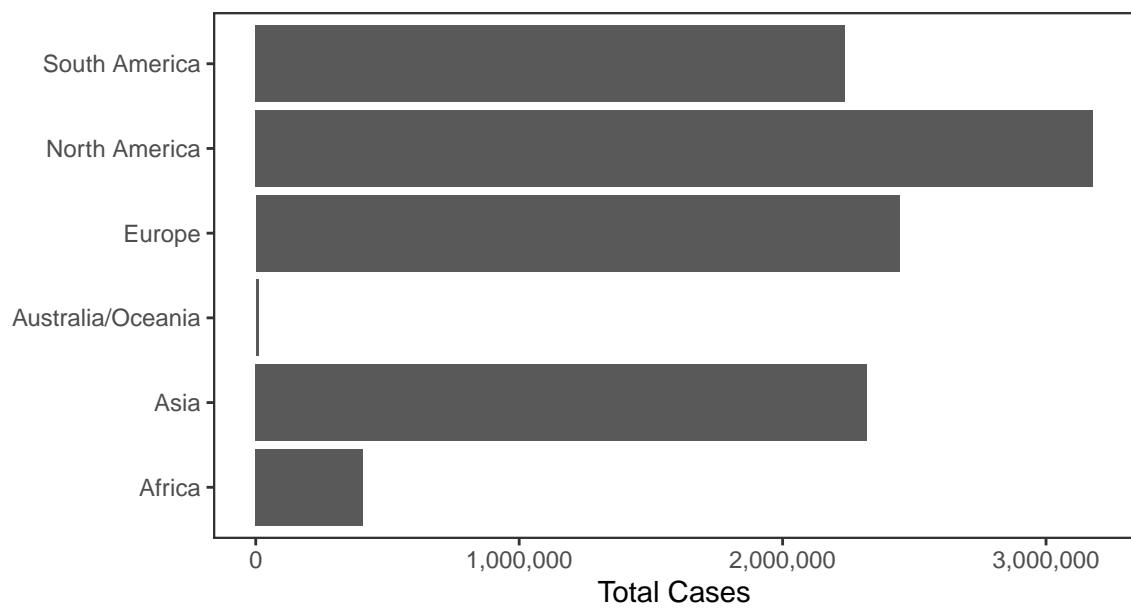
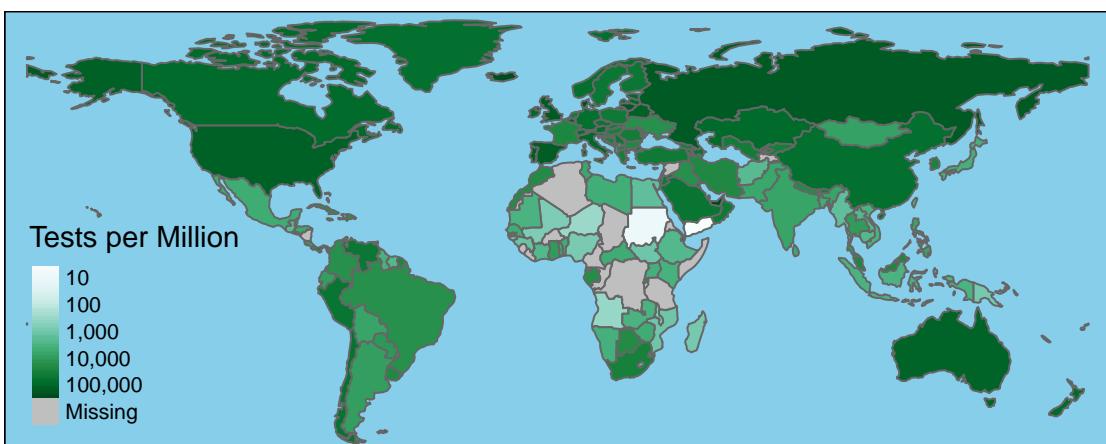
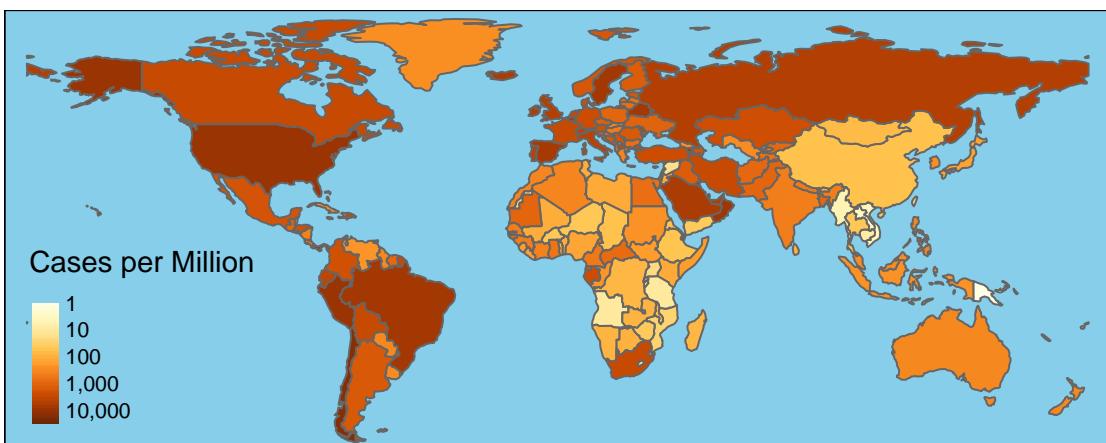
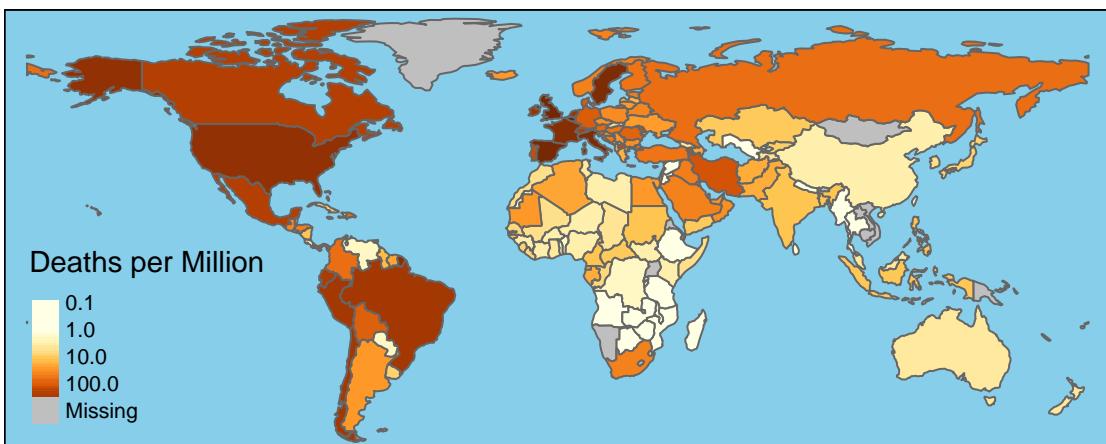


Table 1: Top Countries by Total Cases

Country	Cases	Deaths	New Cases	New Deaths
USA	2,728,856	130,122	46,075	764
Brazil	1,408,485	59,656	37,997	1,271
Russia	647,849	9,320	6,693	154
India	585,792	17,410	18,256	506
UK	312,654	43,730	689	155
Spain	296,351	28,355	301	9
Peru	285,213	9,677	2,848	173
Chile	279,393	5,688	3,394	113
Italy	240,578	34,767	142	23
Iran	227,662	10,817	2,457	147
Mexico	220,657	27,121	3,805	473
Pakistan	209,337	4,304	2,825	137
Turkey	199,906	5,131	1,293	16
Germany	195,832	9,052	440	11
Saudi Arabia	190,823	1,649	4,387	50
France	164,801	29,843	541	30
South Africa	151,209	2,657	6,945	128
Bangladesh	145,483	1,847	3,682	64
Canada	104,204	8,591	286	25
Colombia	97,846	3,334	2,803	111



National Data

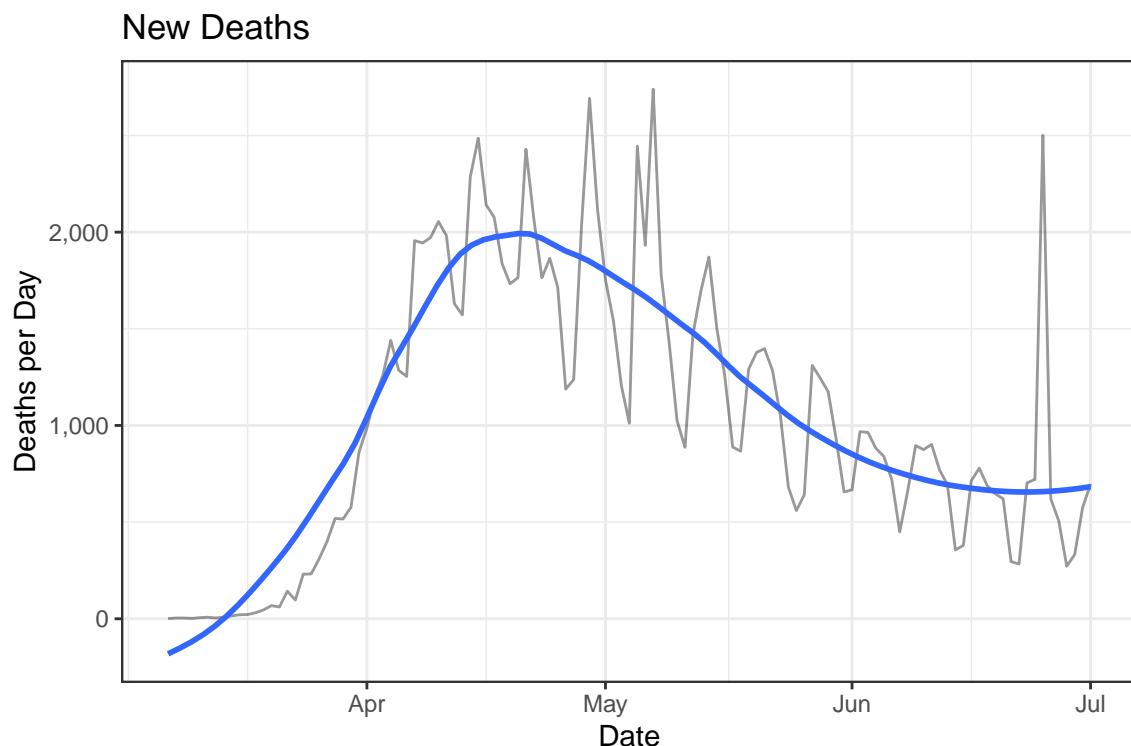
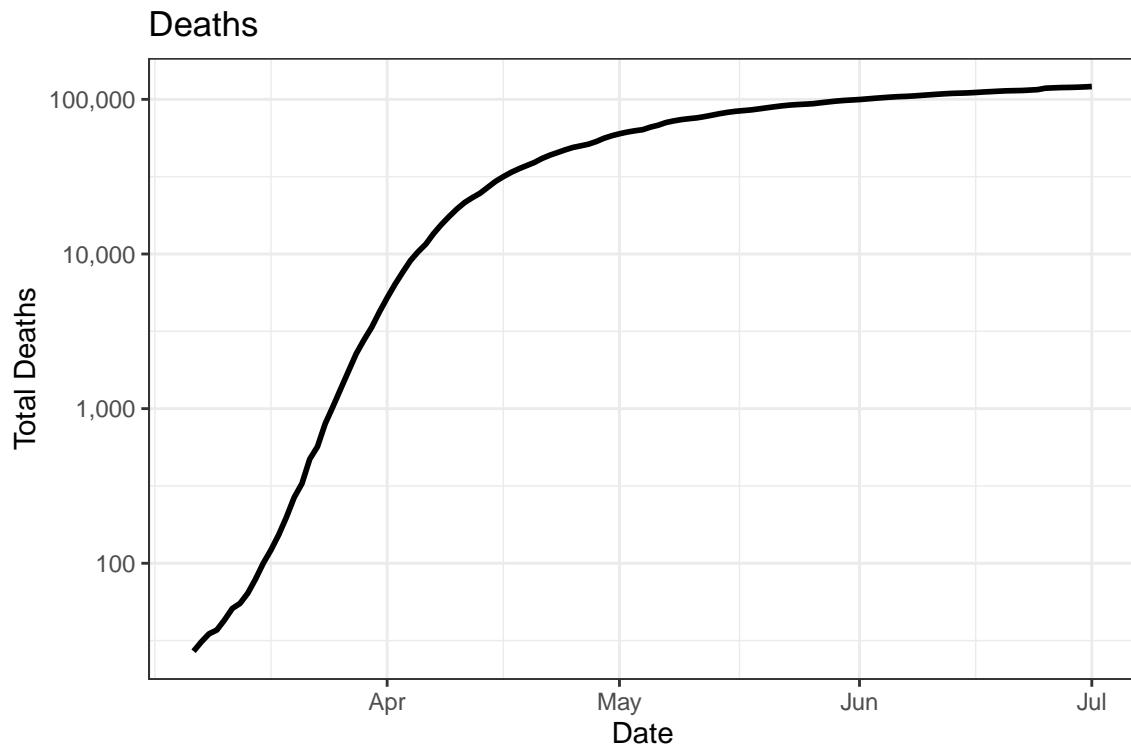
There have been 2,674,813 confirmed Covid-19 cases and 121,023 deaths in the United States.

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

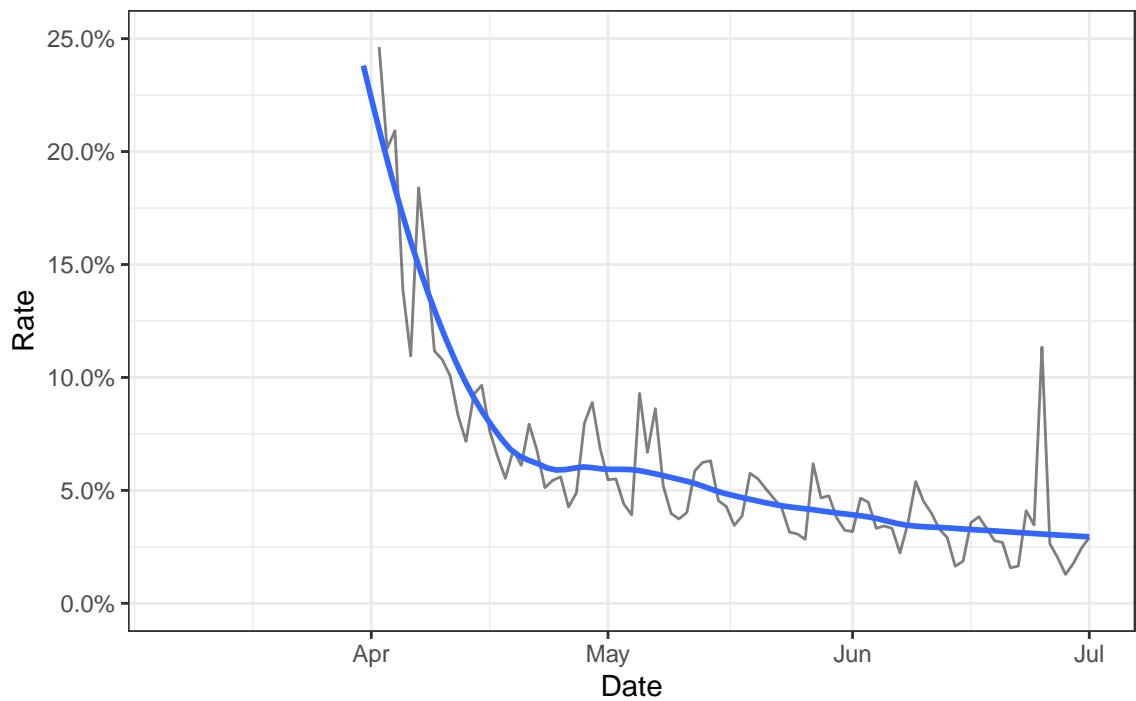
Date	Cases	Deaths	New Cases	New Deaths
2020-07-01	2,674,813	121,023	52,982	697
2020-06-30	2,621,831	120,326	44,358	576
2020-06-29	2,577,473	119,750	36,490	332
2020-06-28	2,540,983	119,418	42,161	272
2020-06-27	2,498,822	119,146	43,471	506
2020-06-26	2,455,351	118,640	44,373	620
2020-06-25	2,410,978	118,020	39,061	2,501
2020-06-24	2,371,917	115,519	38,706	721
2020-06-23	2,333,211	114,798	33,018	703
2020-06-22	2,300,193	114,095	27,080	283
2020-06-21	2,273,113	113,812	27,257	296
2020-06-20	2,245,856	113,516	31,958	621
2020-06-19	2,213,898	112,895	31,055	647
2020-06-18	2,182,843	112,248	27,512	689

Deaths

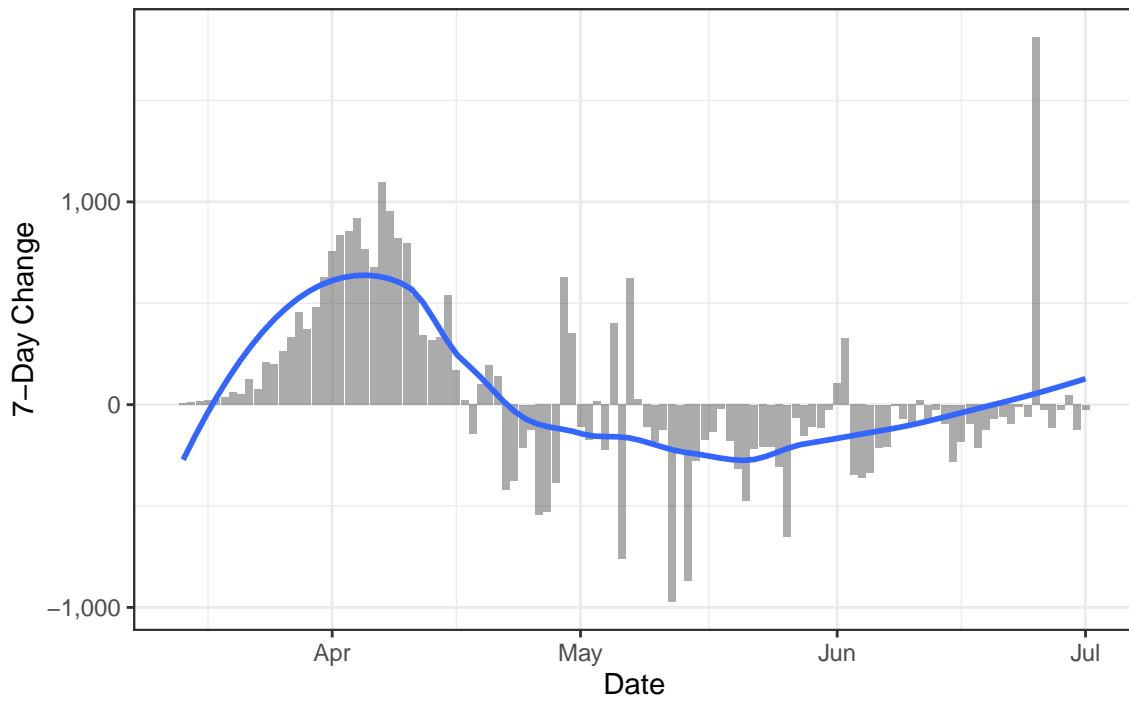
Because the effects of the virus can take several weeks to manifest in patients, deaths are a lagging indicator of contagion, but they may be a more reliable than case counts, which are a function of both the prevalence of the disease and the rate of testing. The case mortality rate is a very crude indicator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

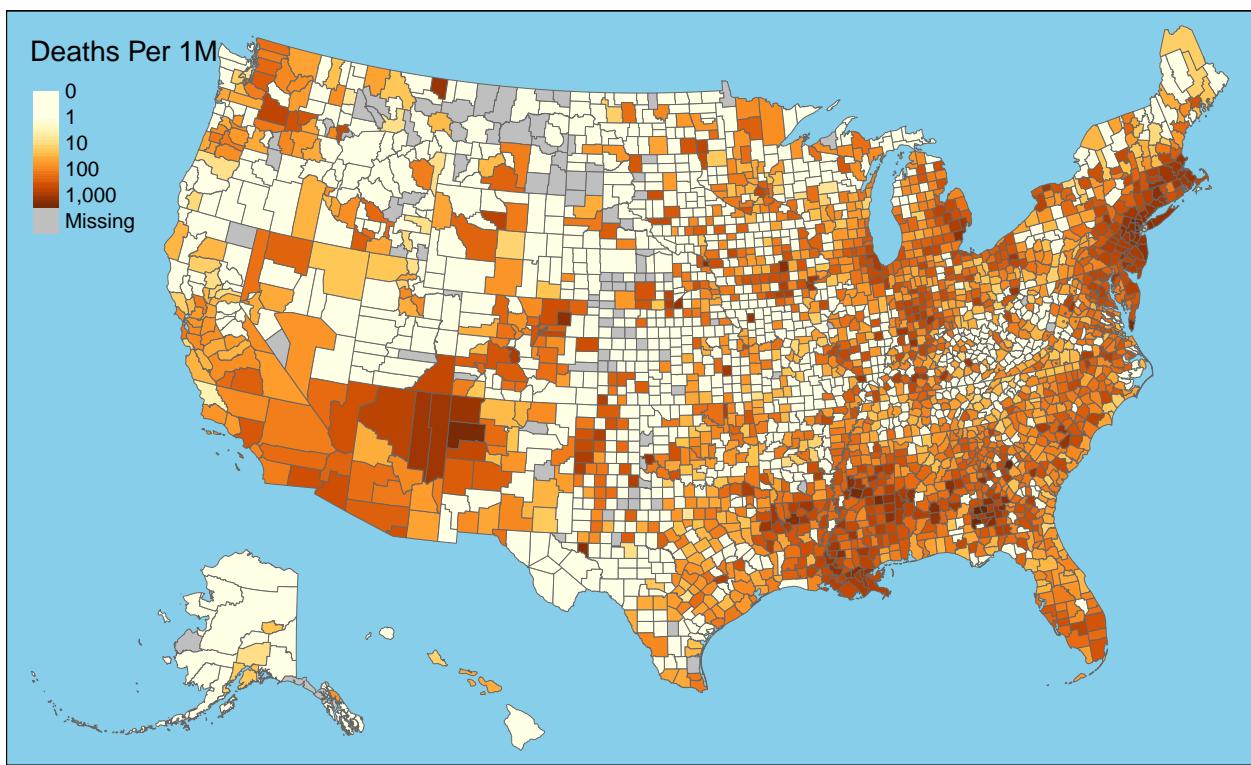


Daily Case Mortality Rate



One-Week Change in Daily Deaths

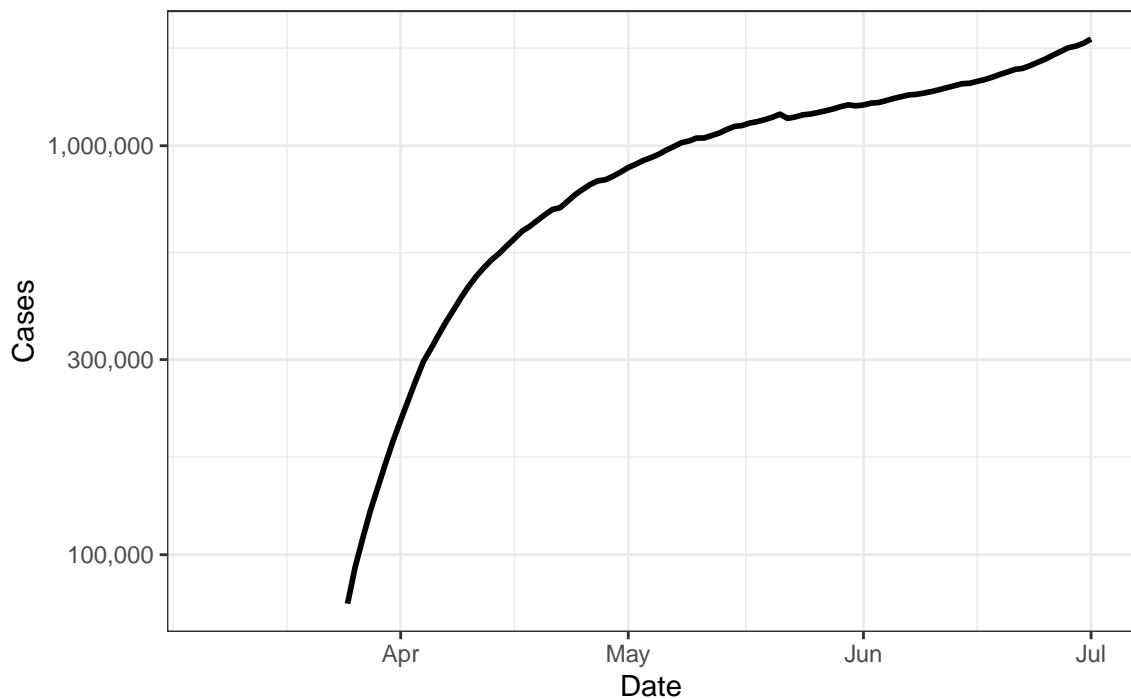




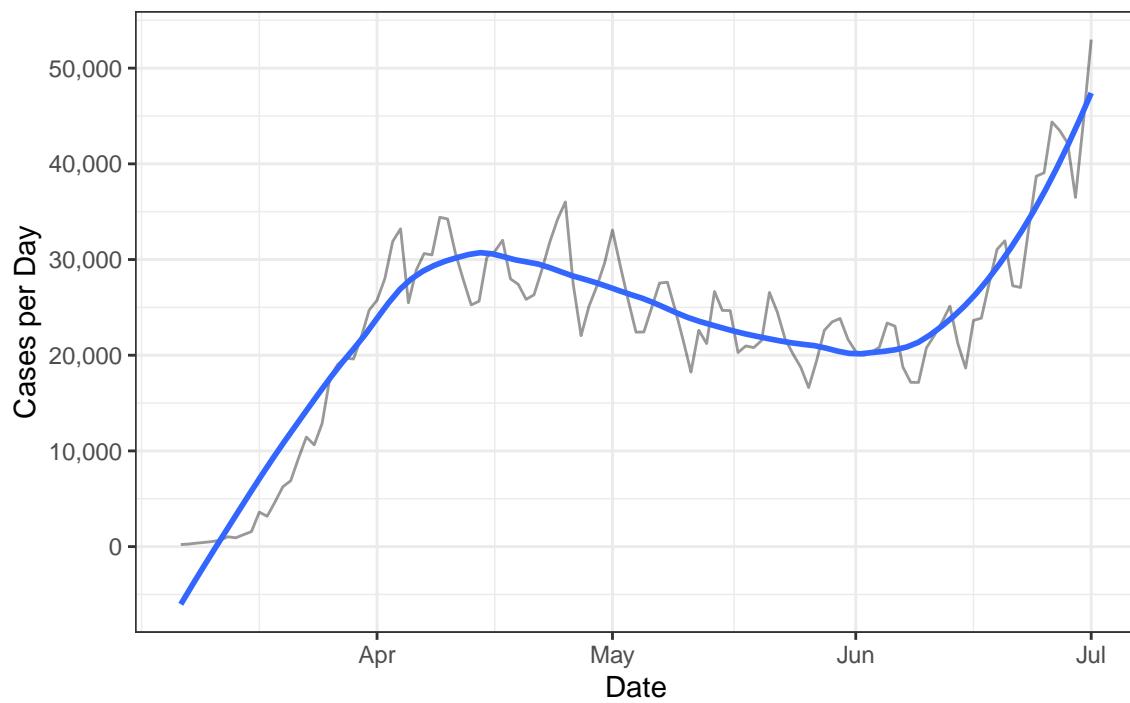
Cases

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

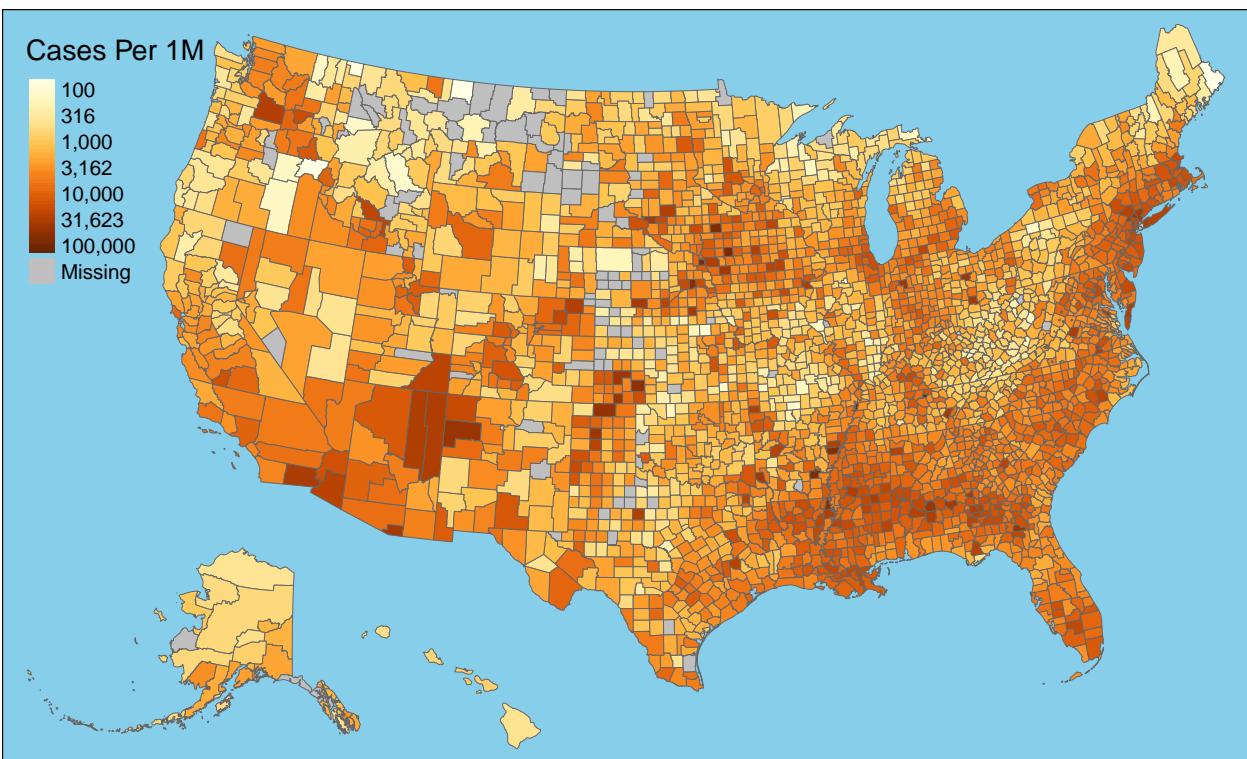
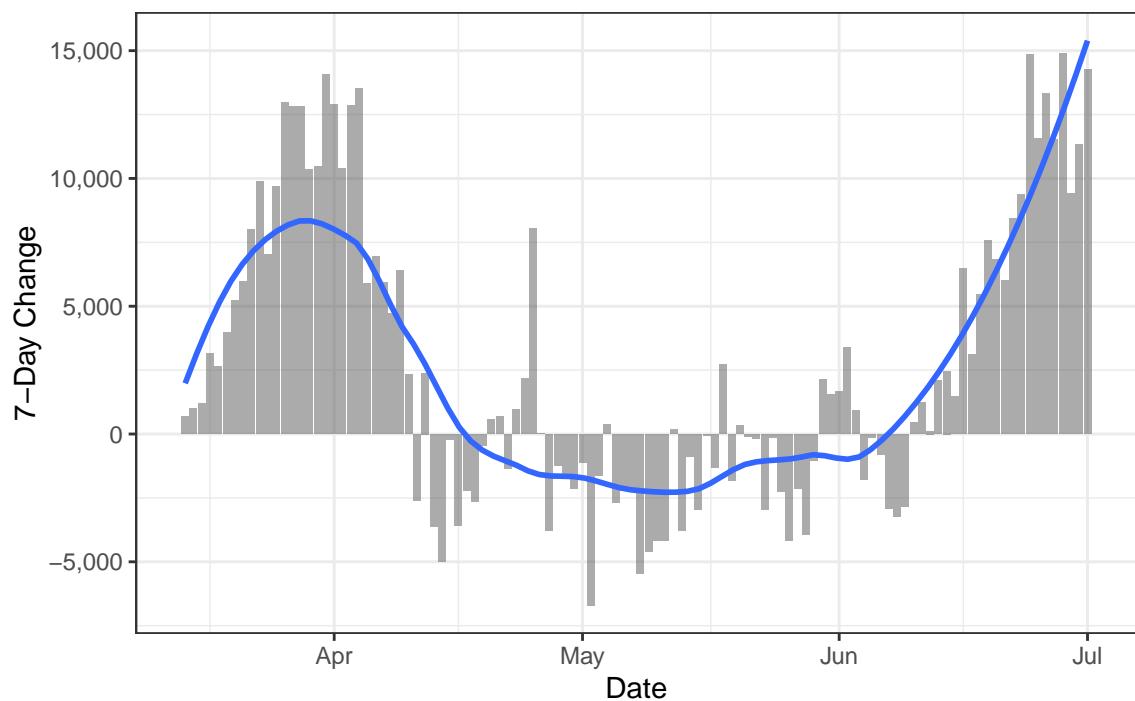
Active Cases



New Cases



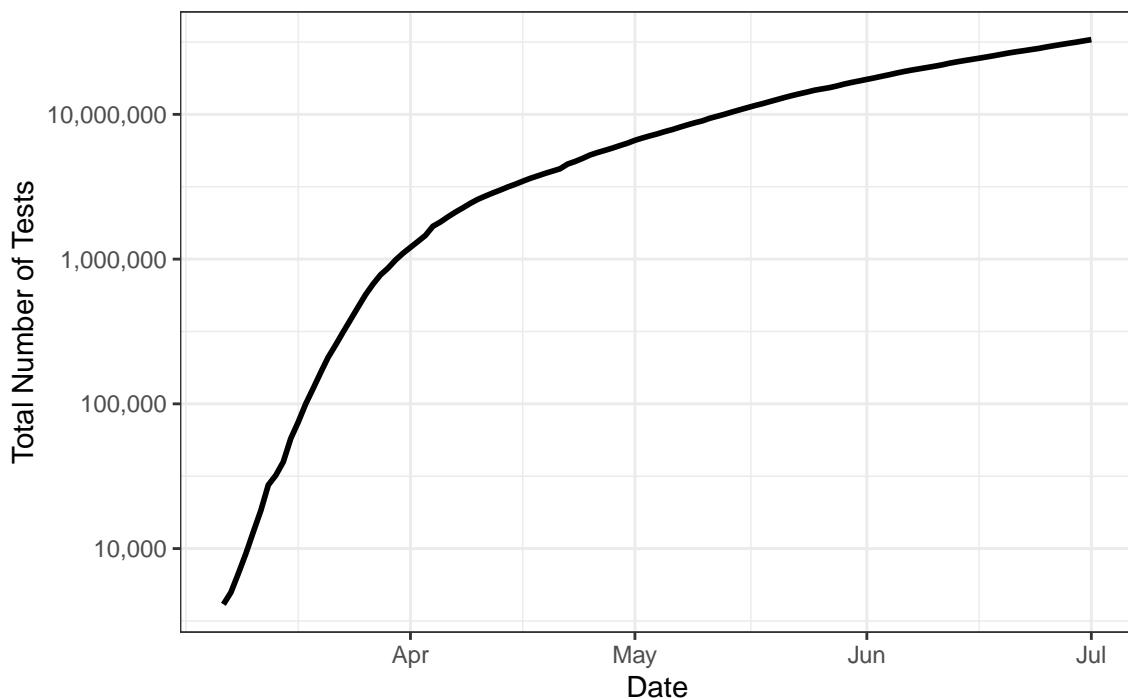
One-Week Change in Daily Cases



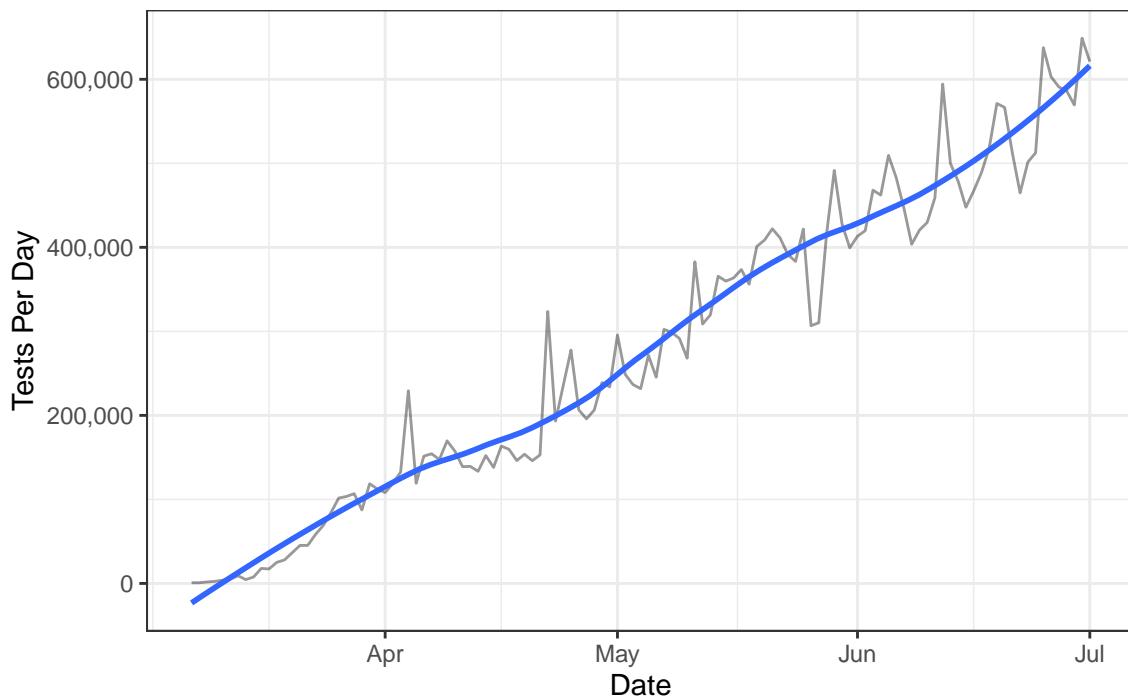
Testing

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.

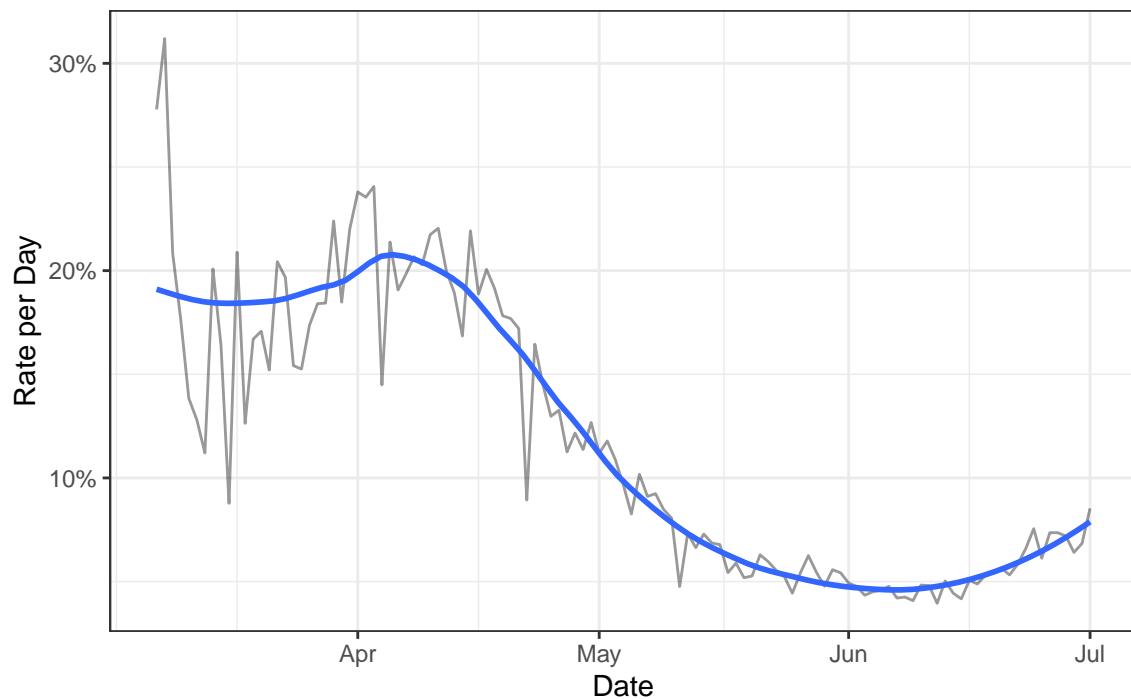
Tests



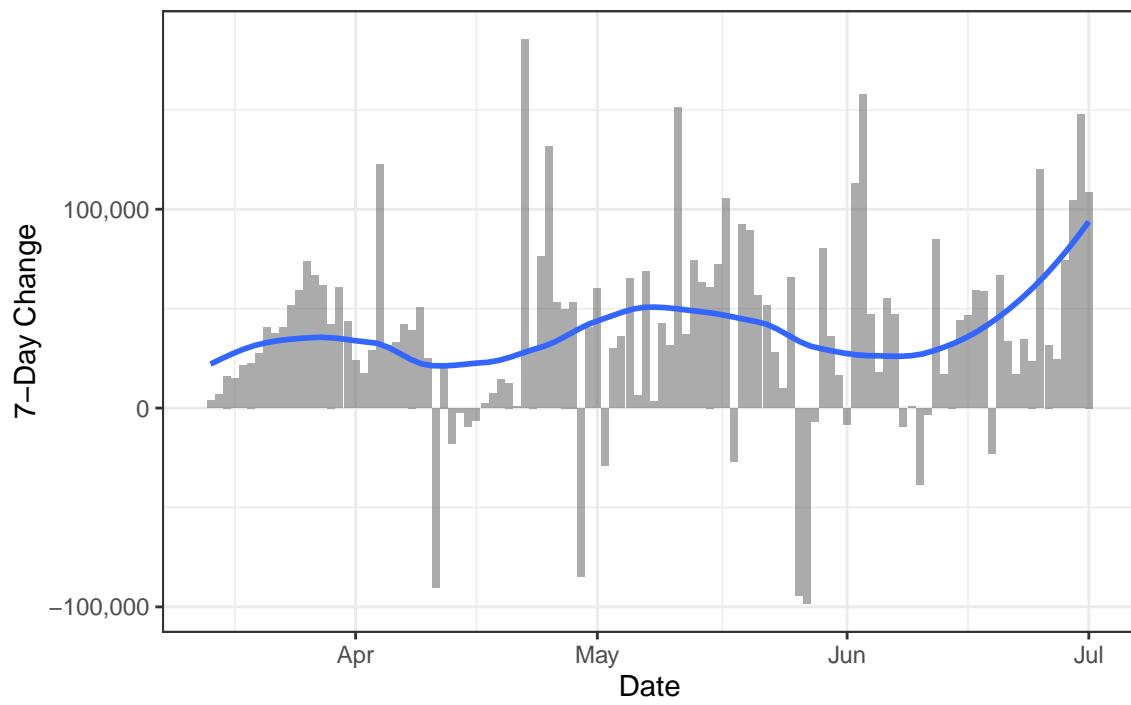
New Tests



Positive Test Rate



One-Week Change in Daily Tests

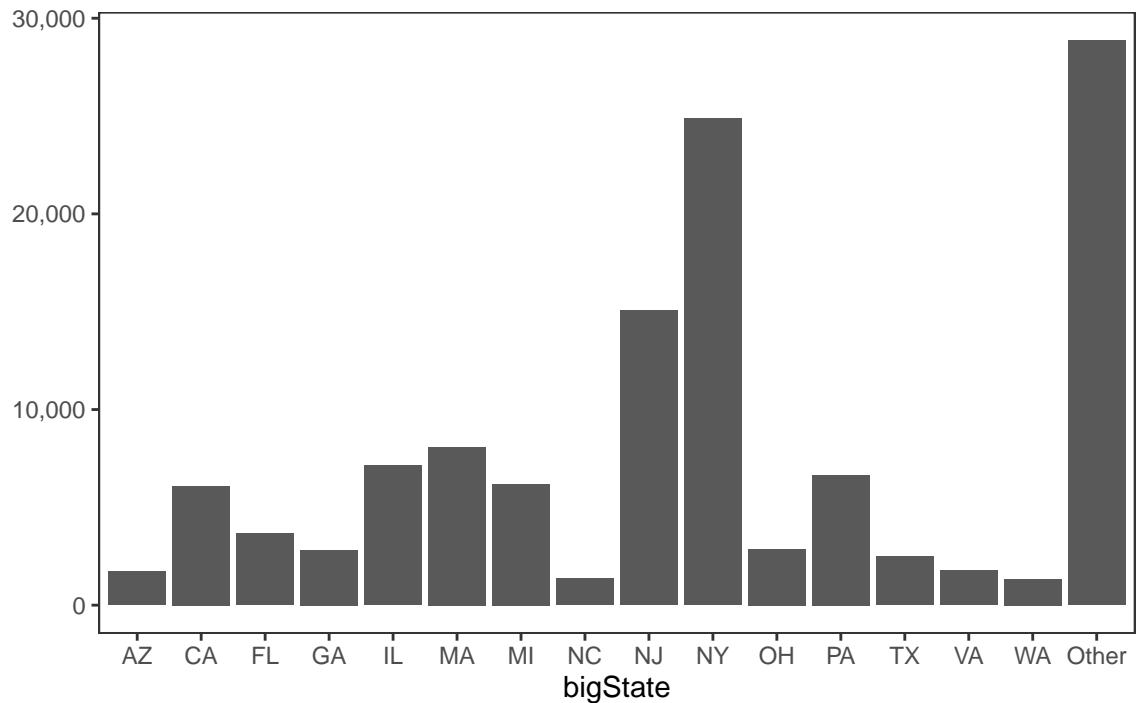


State Data

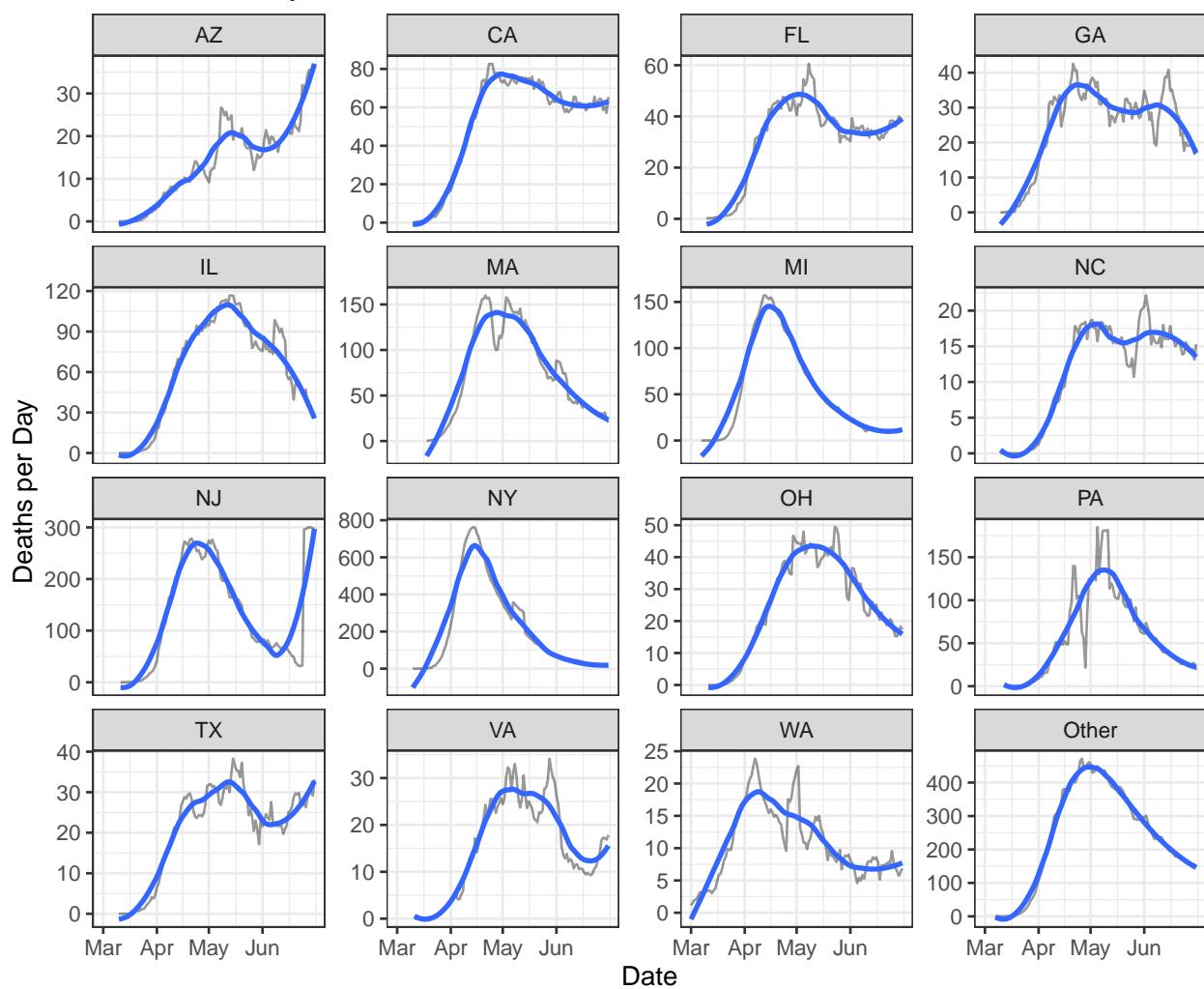
This section summarizes state-level data. Most data are reported for the largest 15 states by population, which account for NaN percent of the total U.S. population.

Deaths

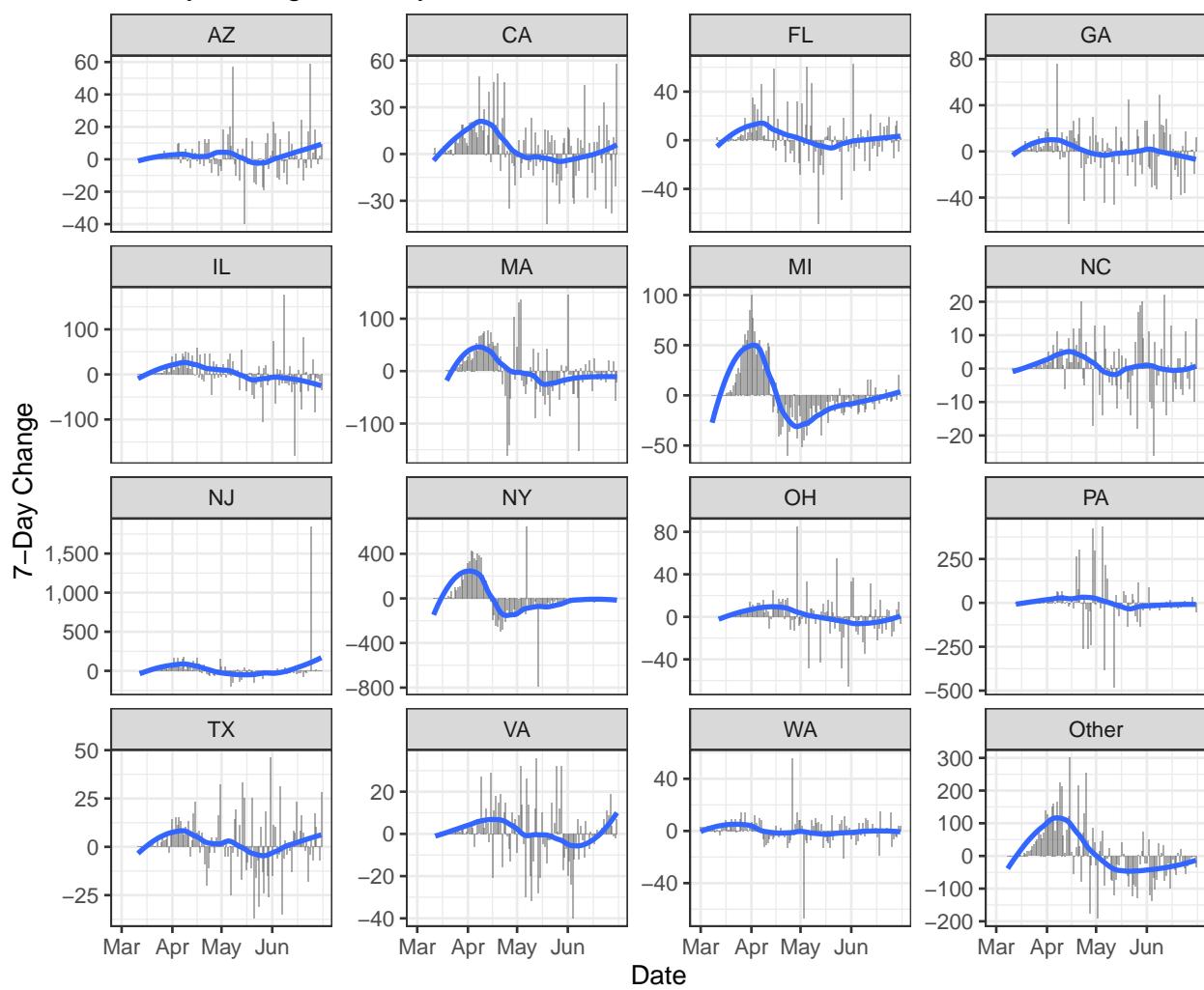
Deaths by State

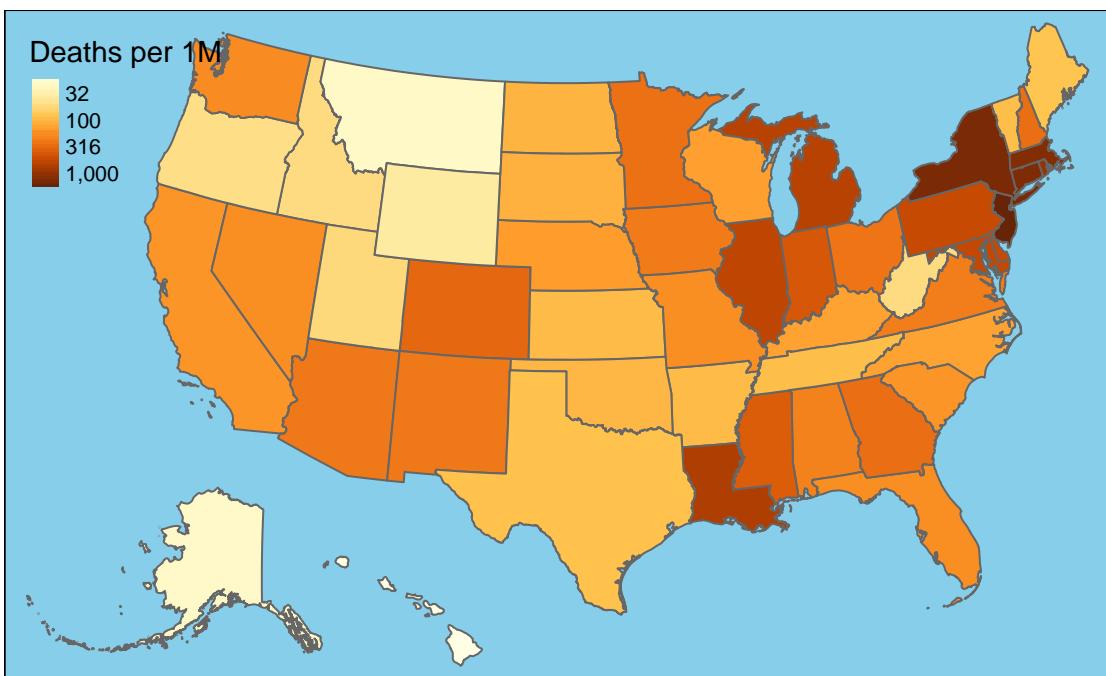
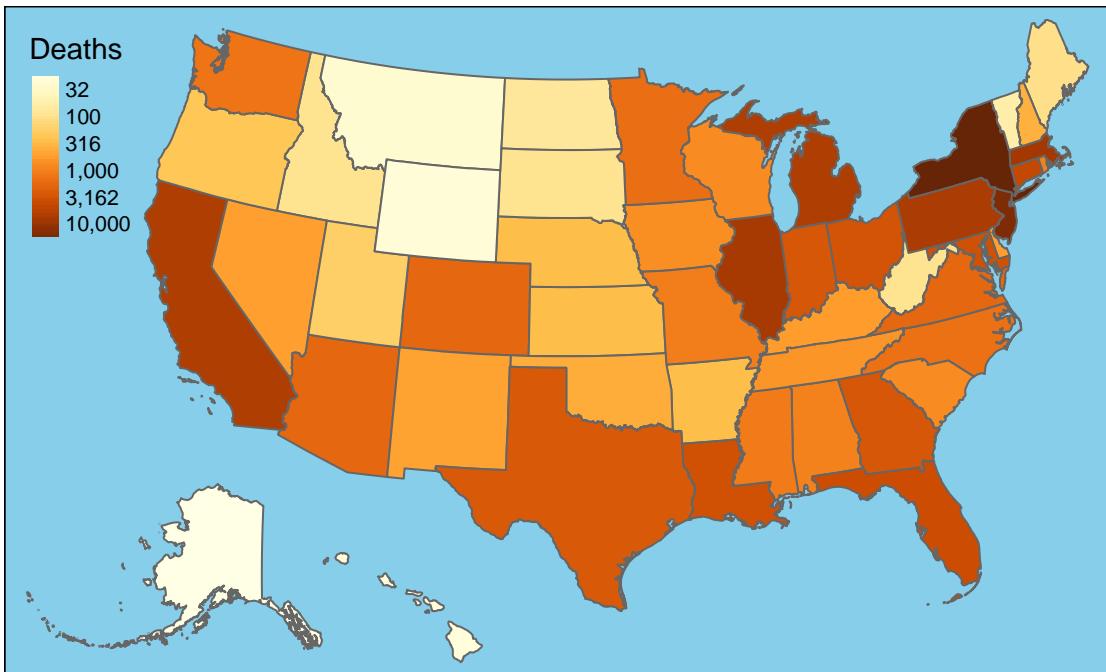


New Deaths by State



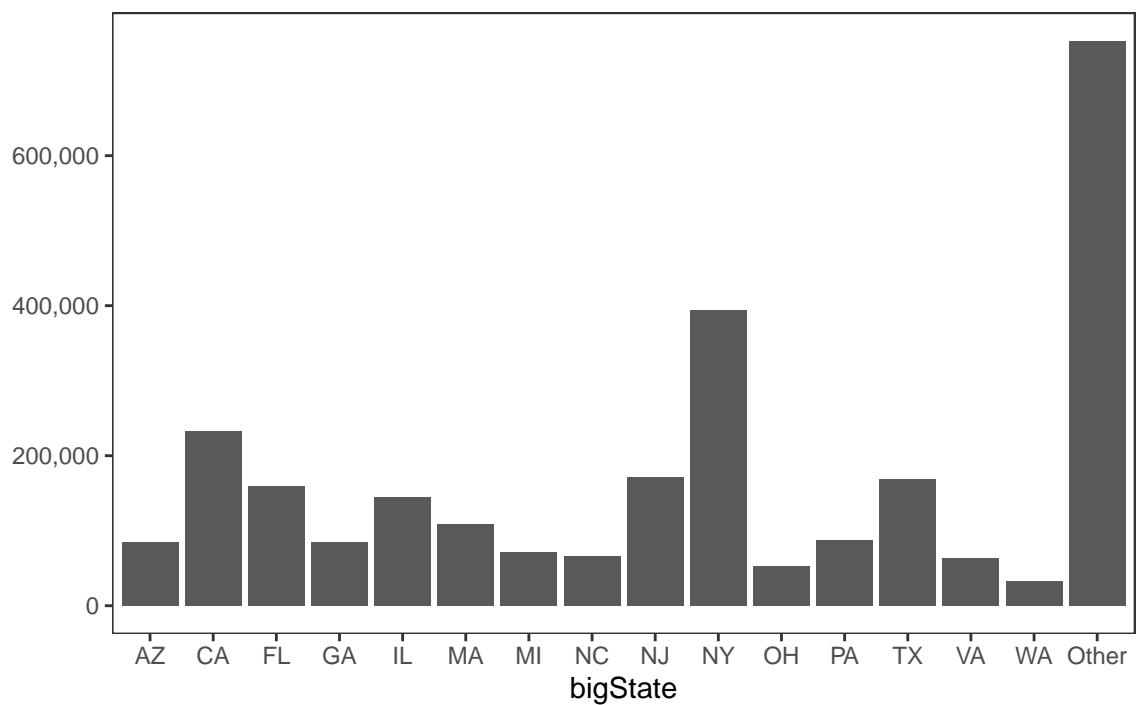
7-Day Change in Daily Deaths



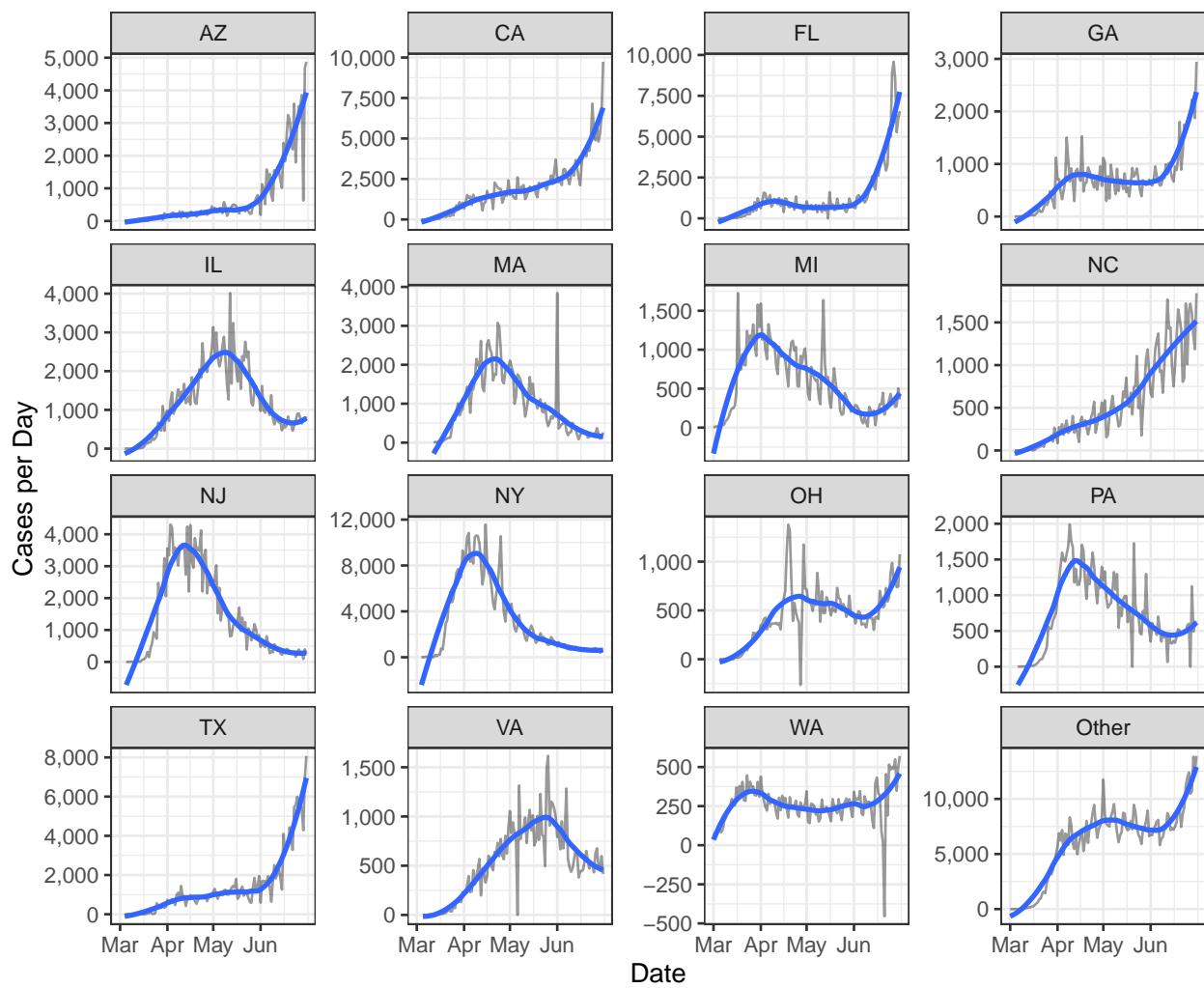


Cases

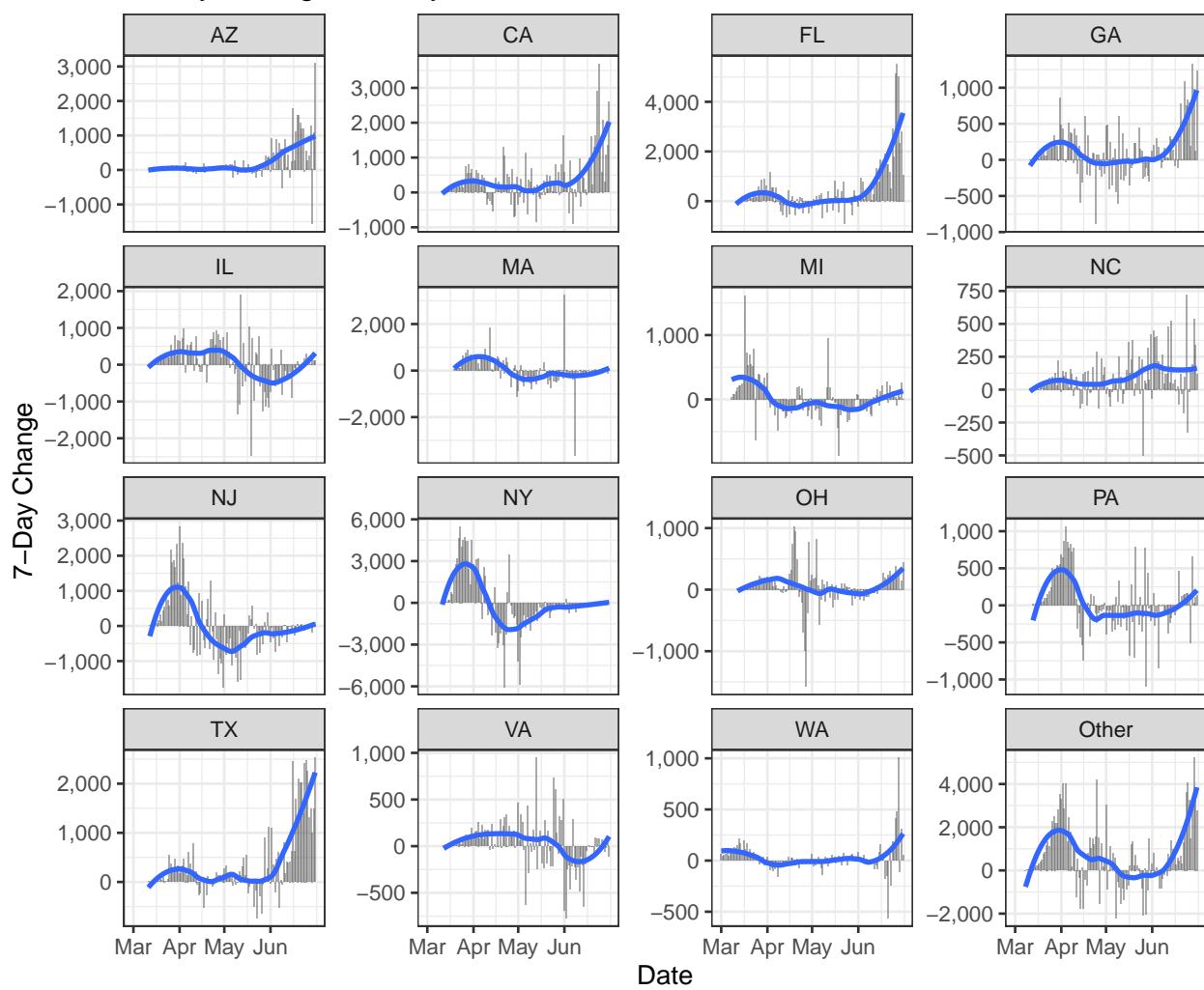
Cases by State

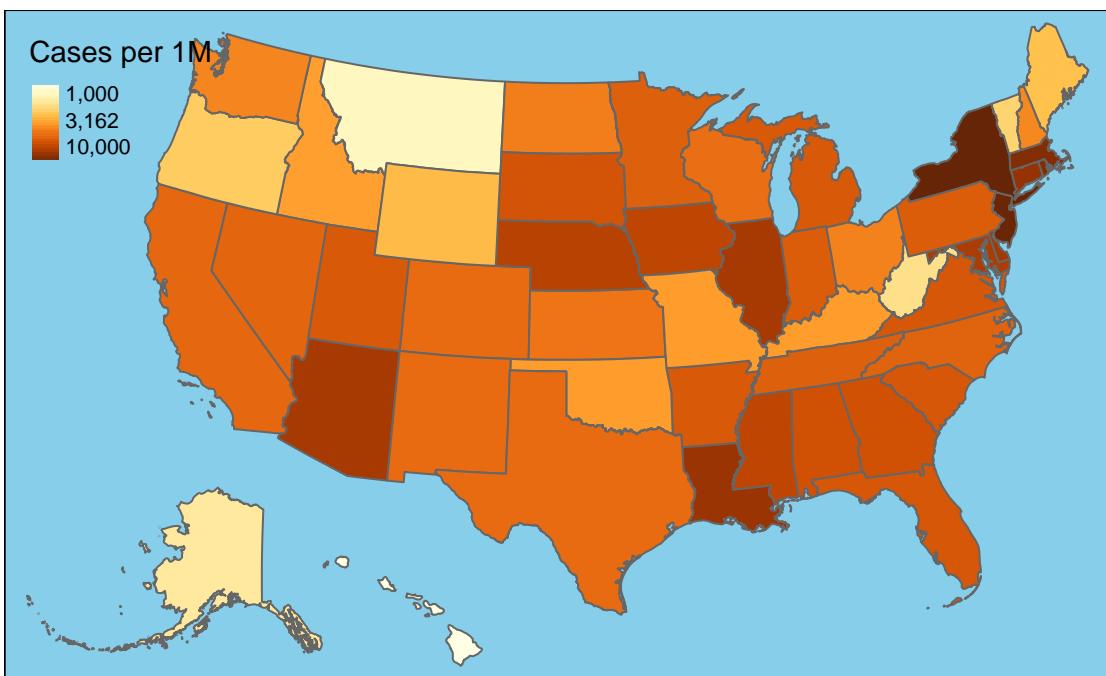
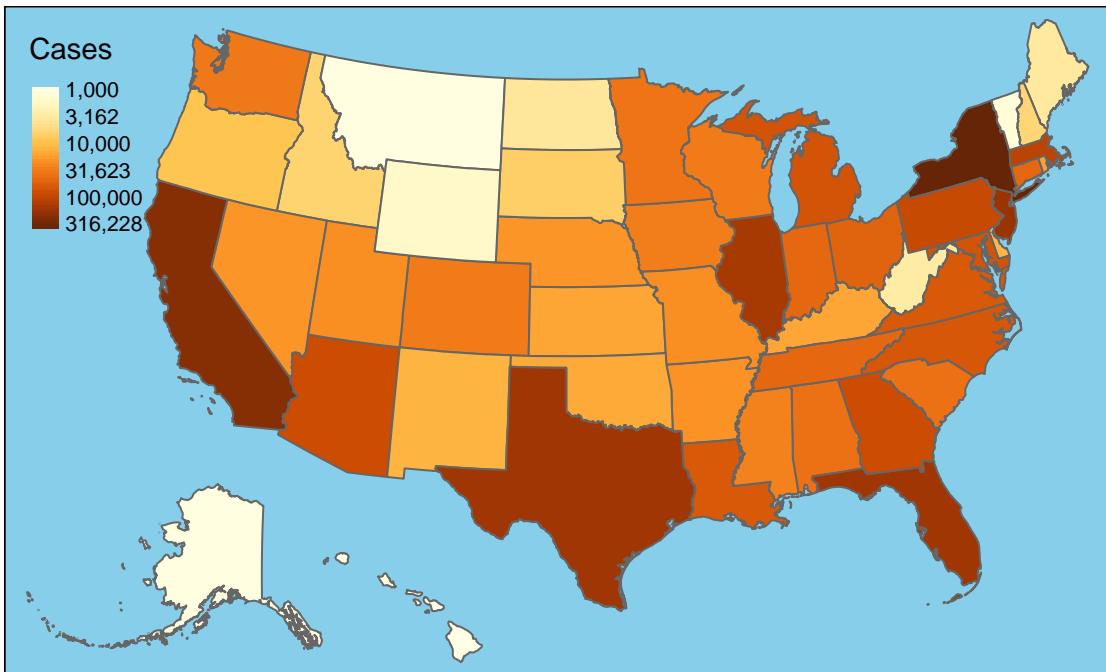


New Cases by State

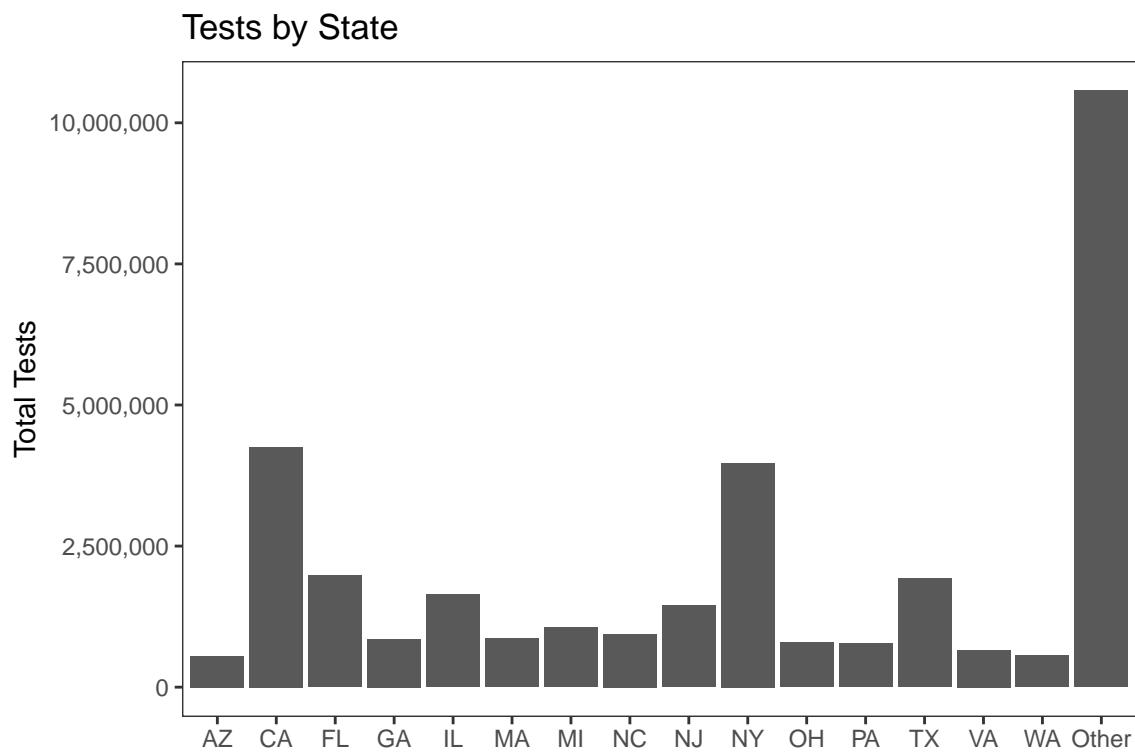


7-Day Change in Daily Cases

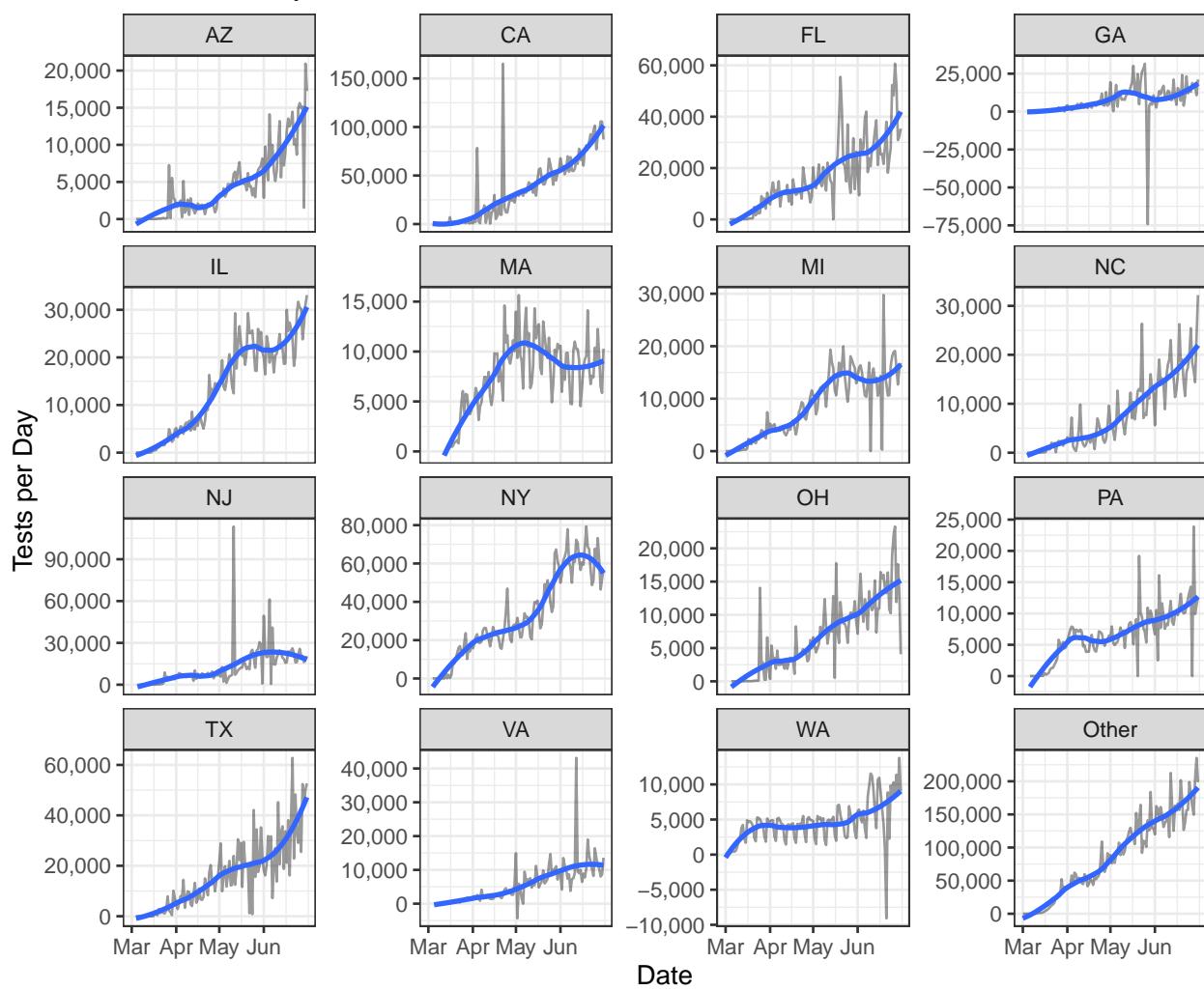


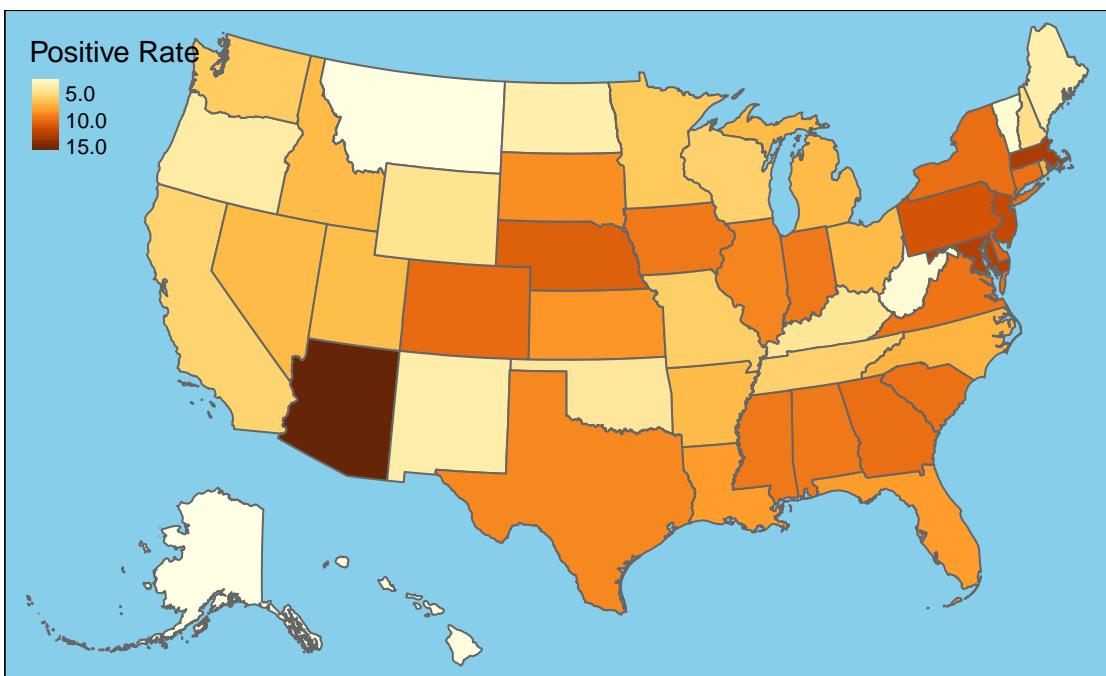
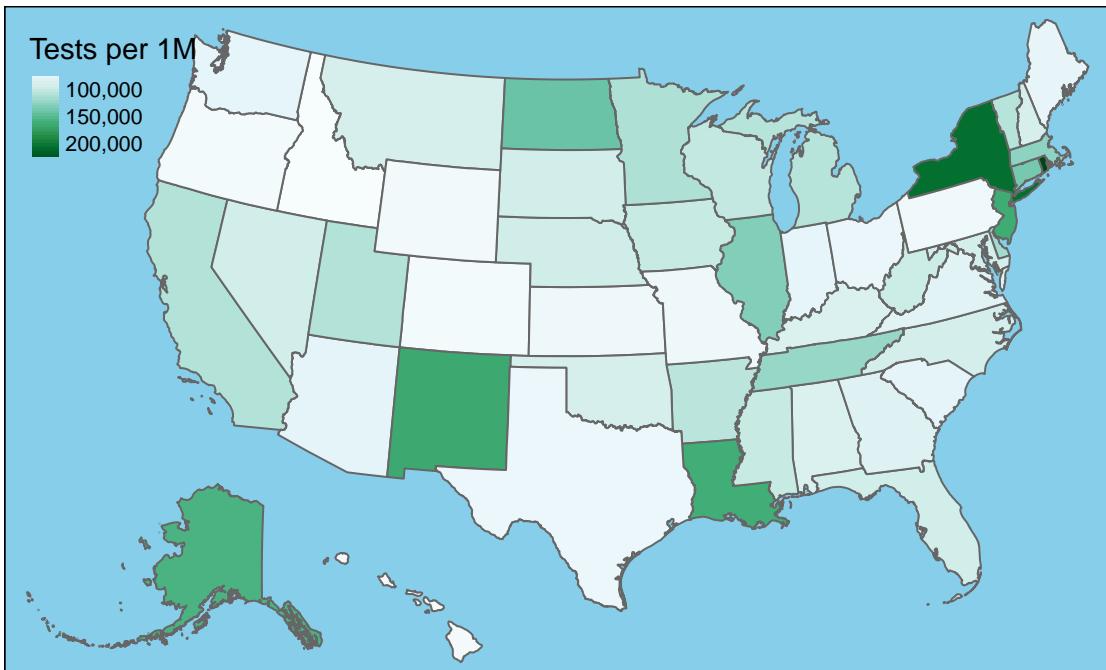


Testing



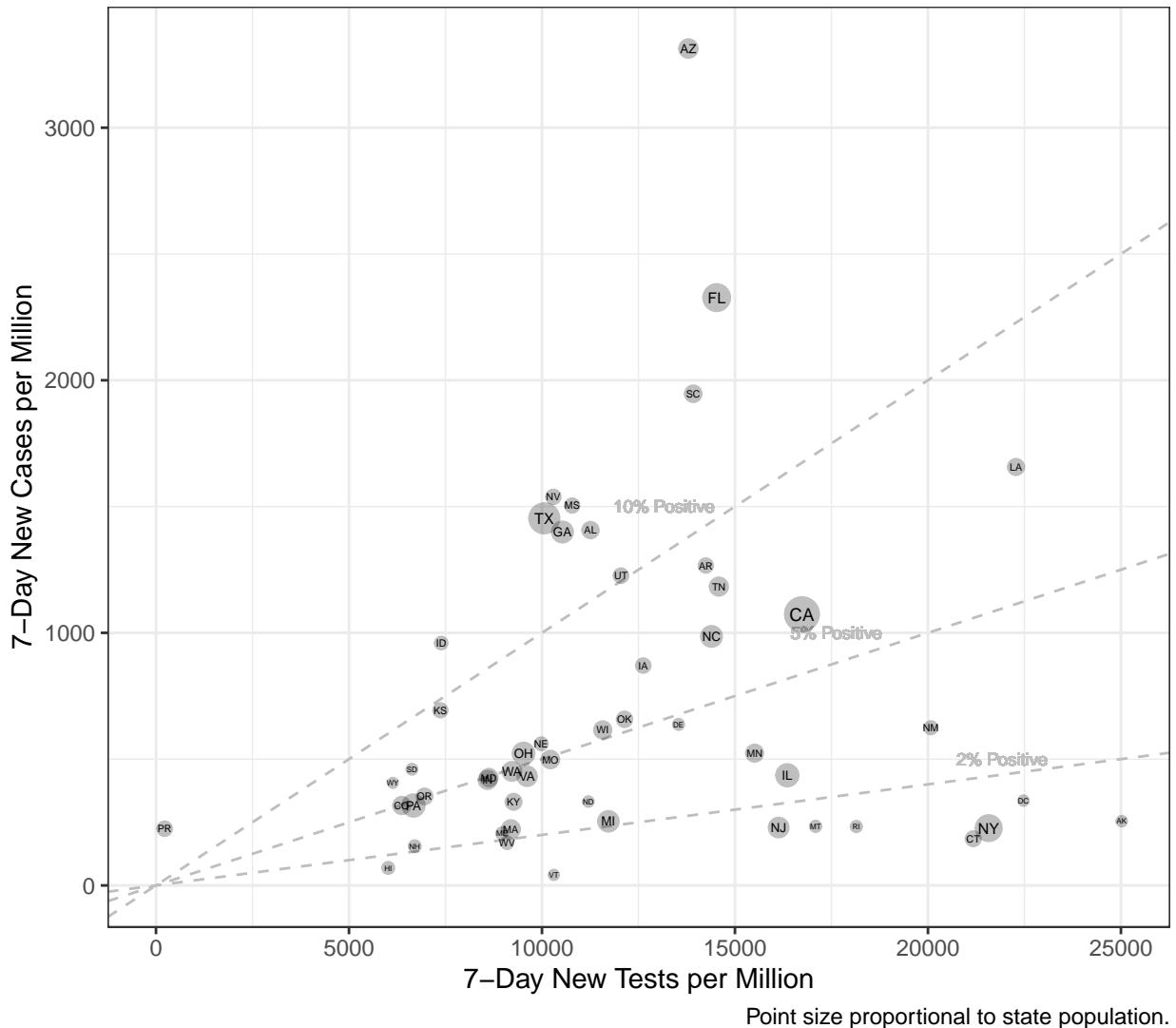
New Tests by State





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



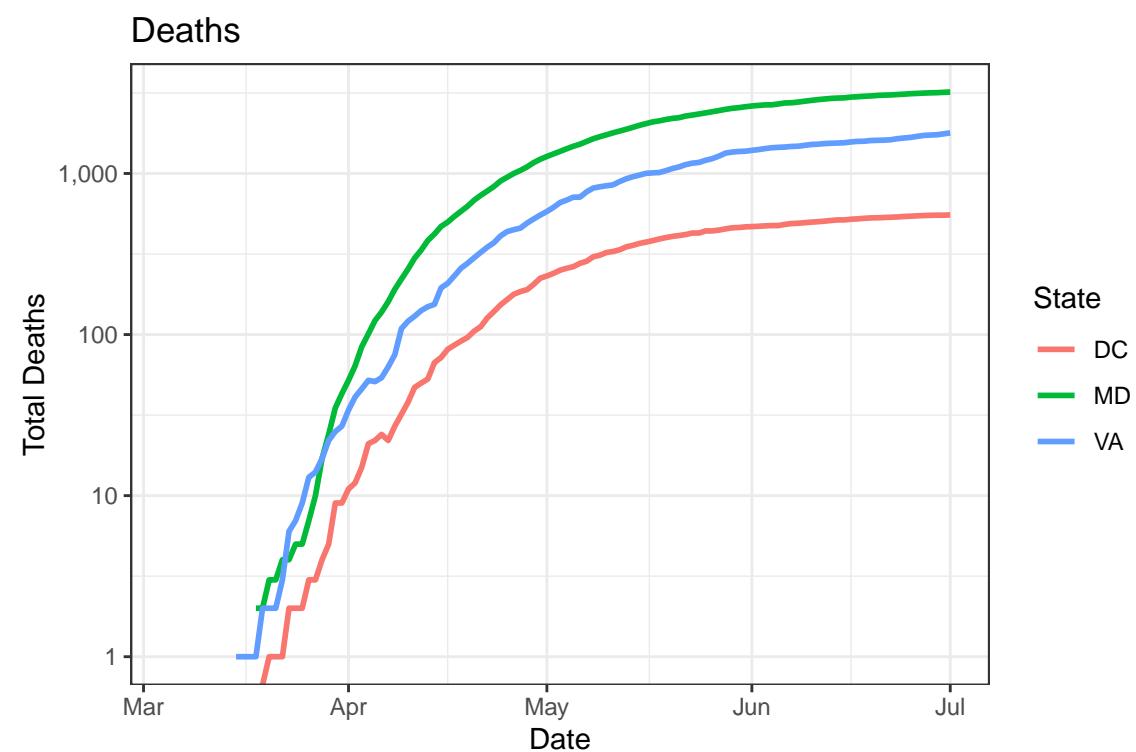
Local Data

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

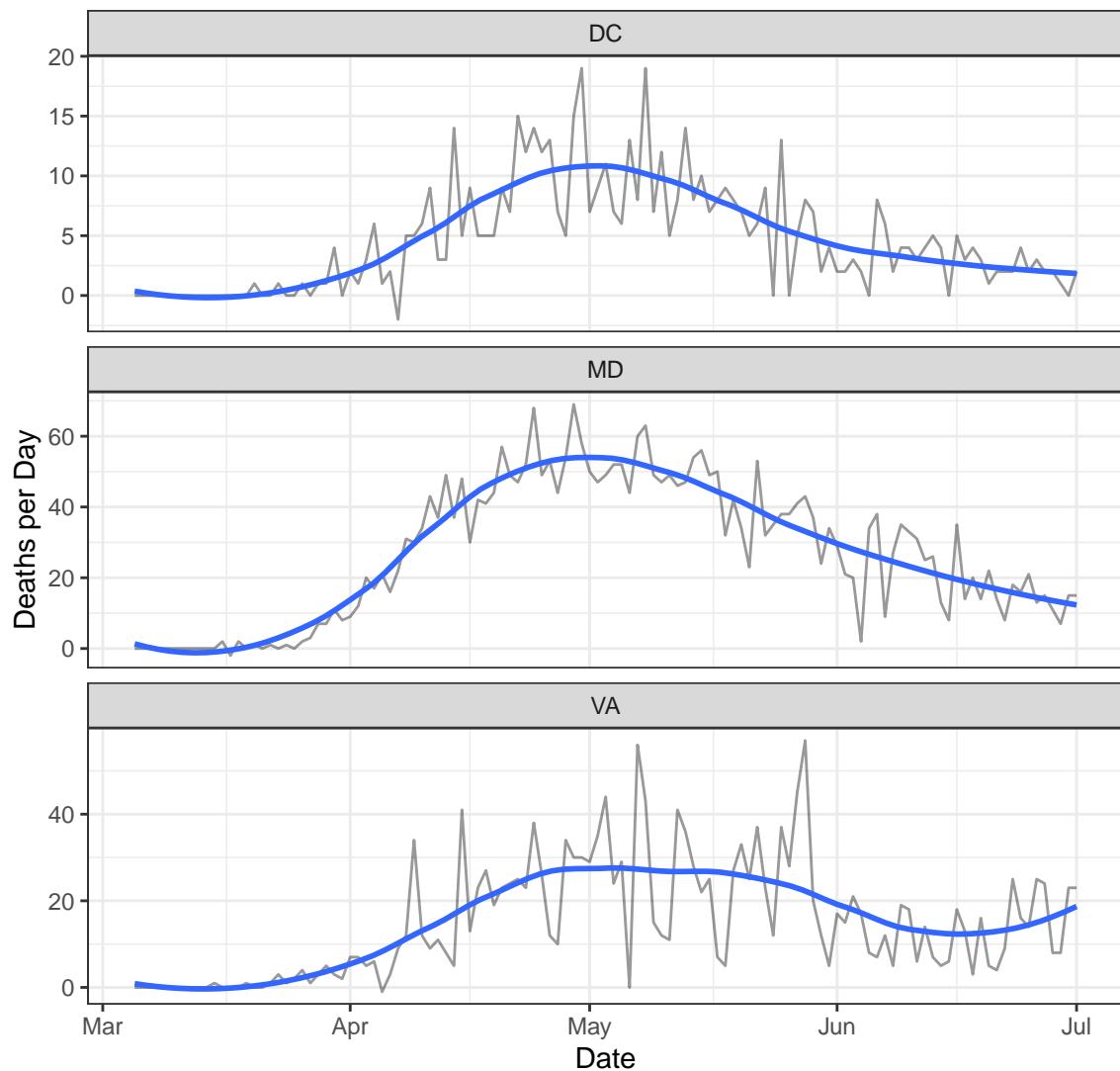
Table 3: Latest Local Data

State	Cases	Deaths	New Cases	New Deaths
DC	10,365	553	38	2
MD	67,918	3,205	359	15
VA	63,203	1,786	416	23

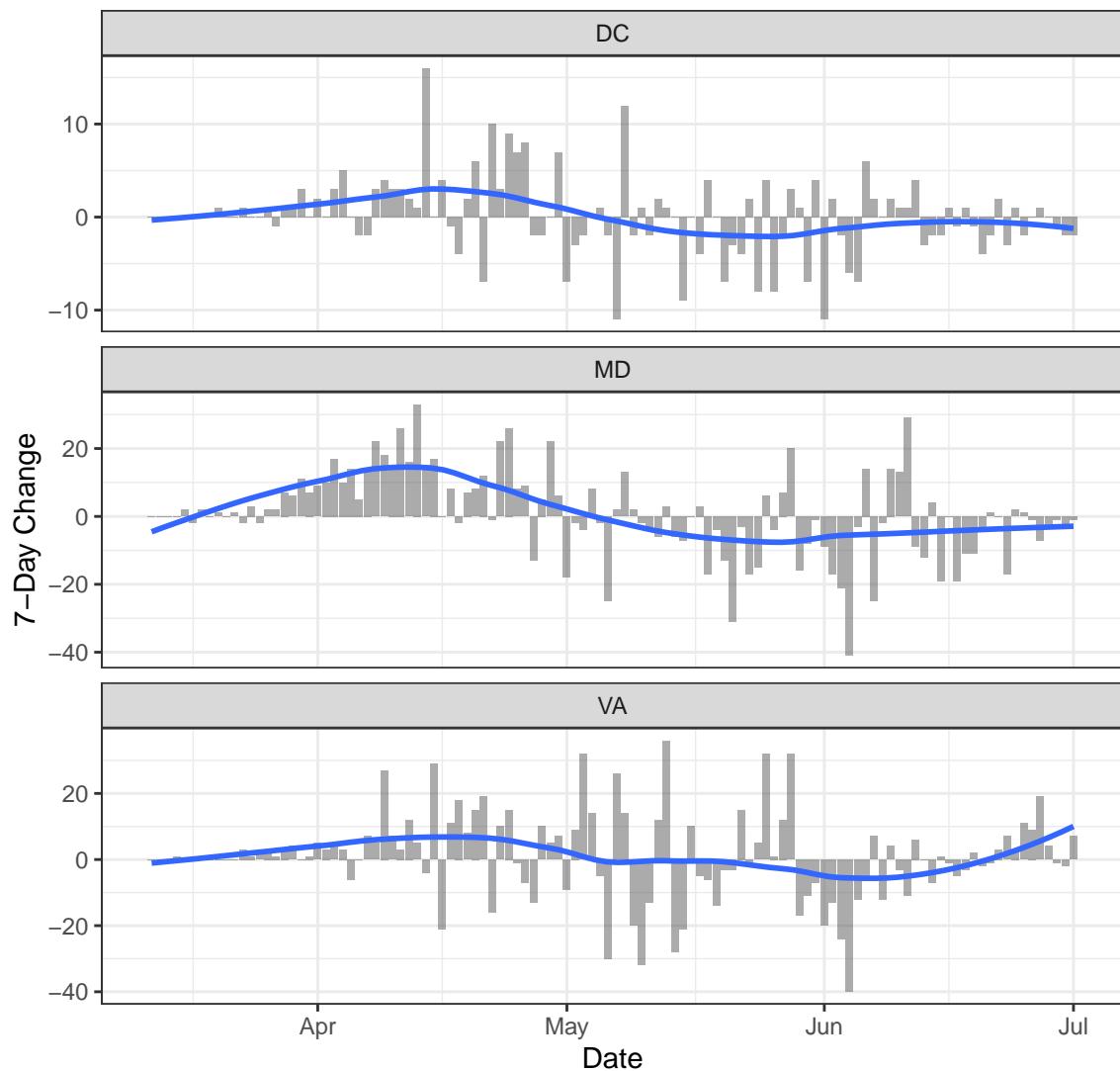
Deaths

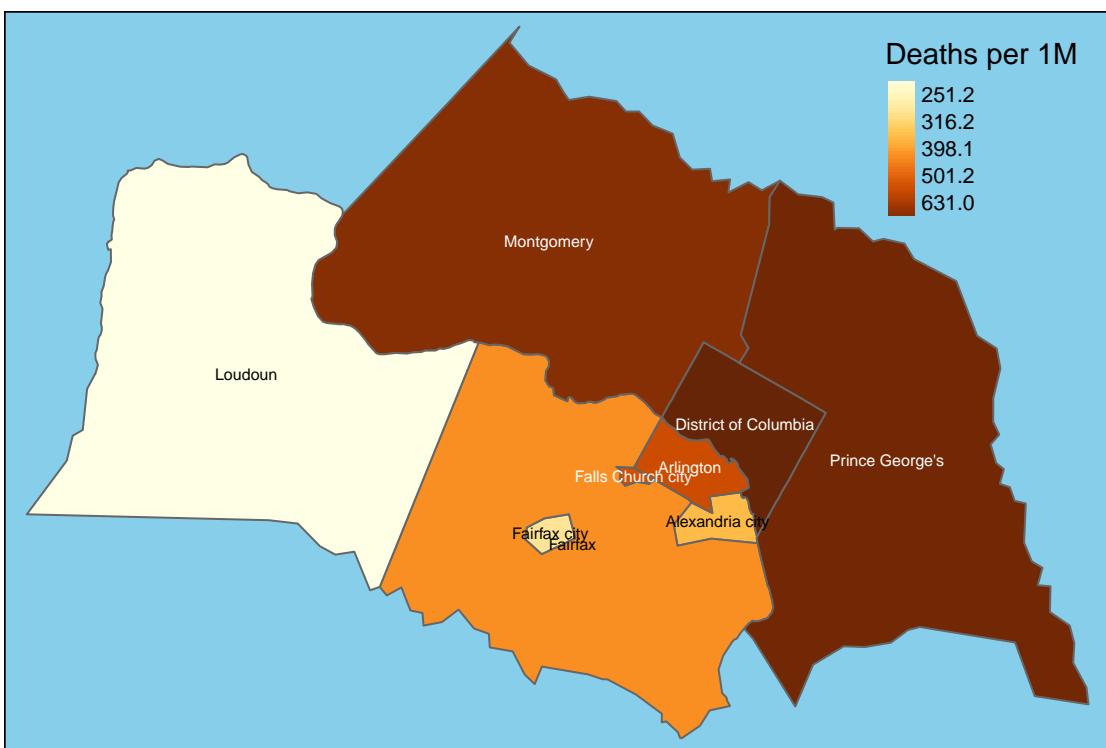
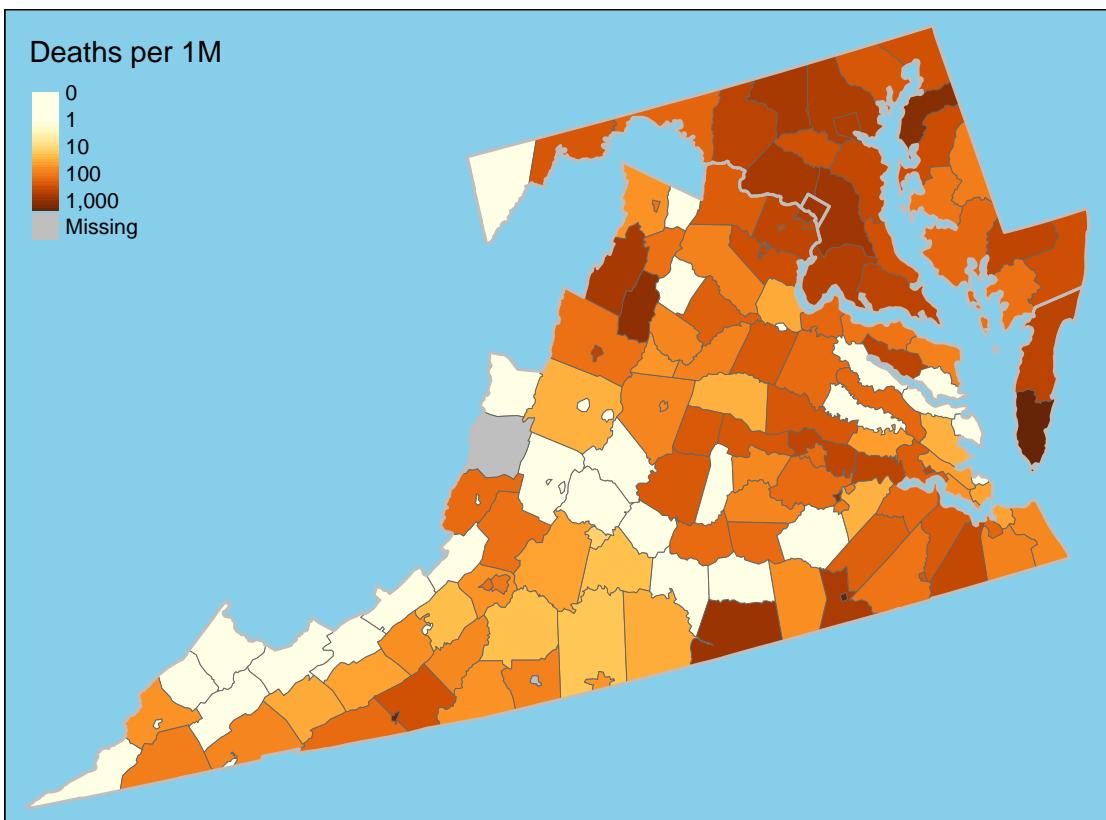


New Deaths

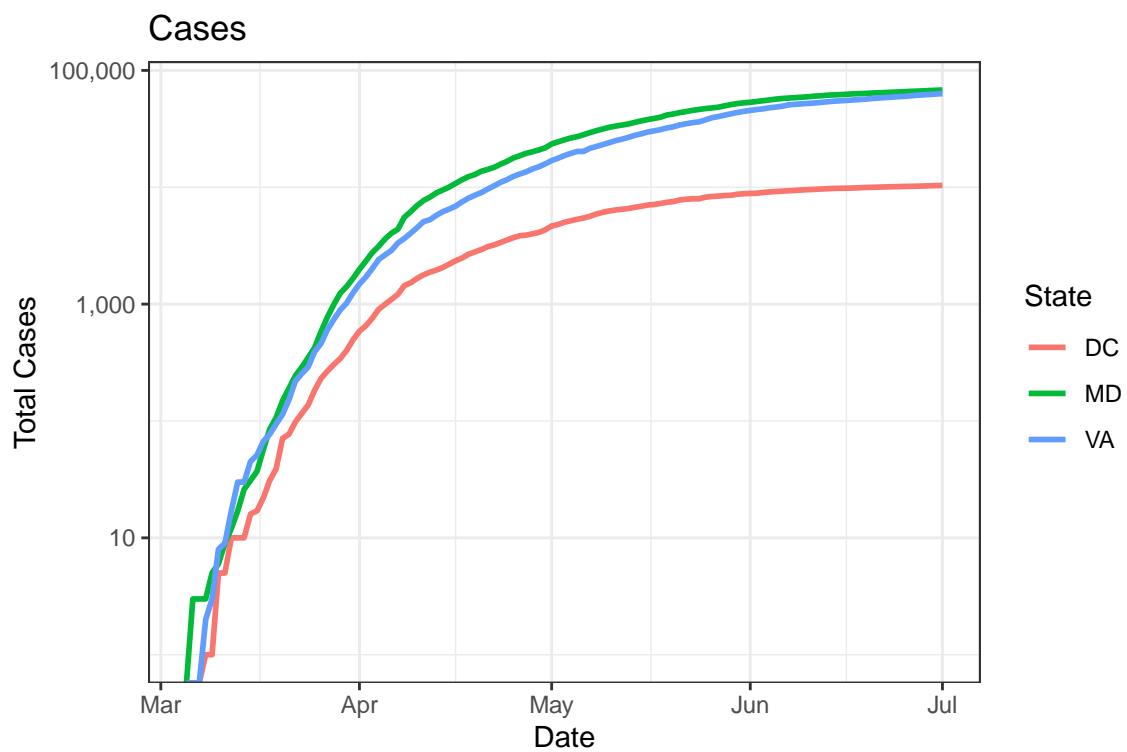


One-Week Change in Daily Deaths

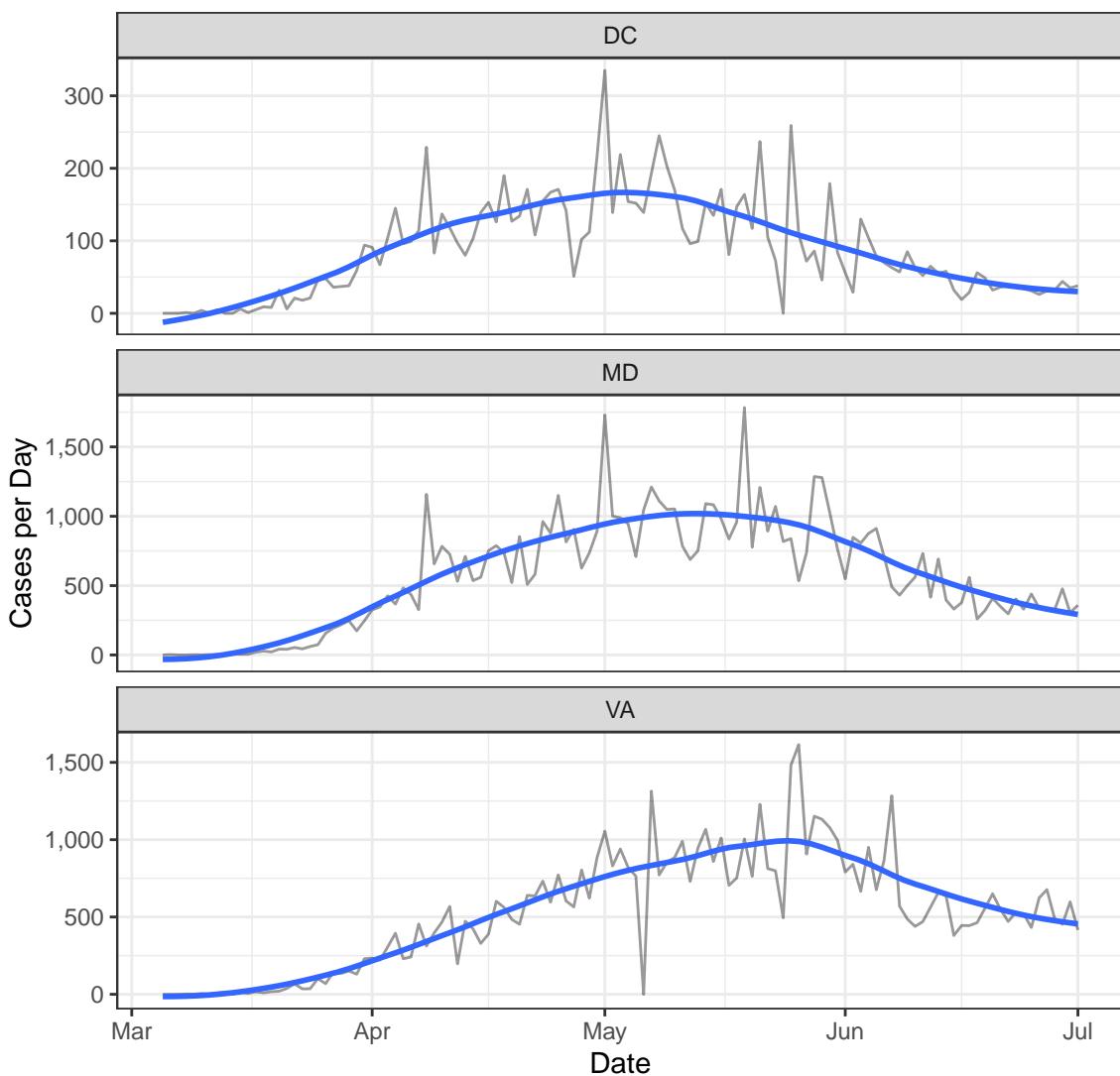




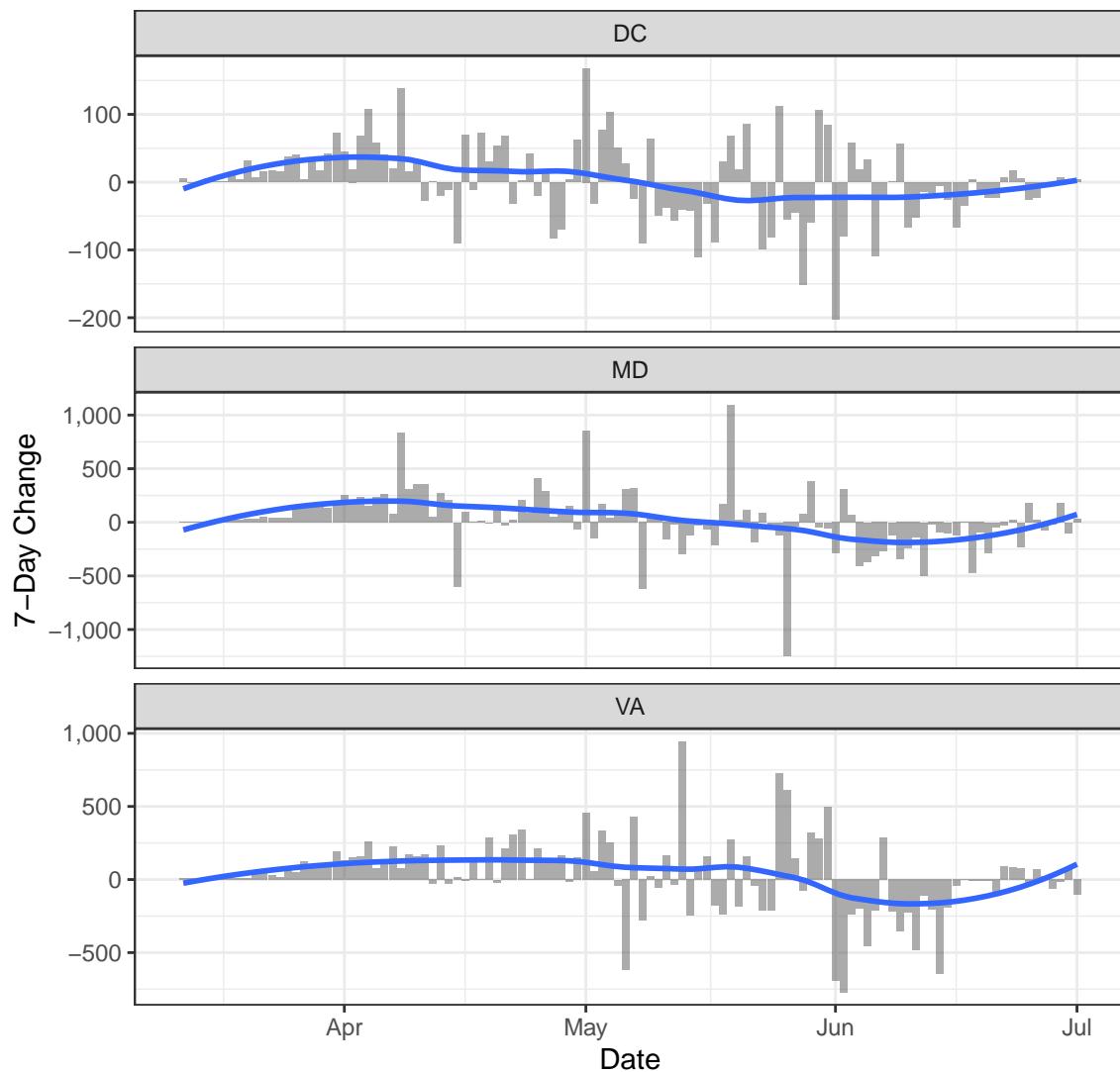
Cases

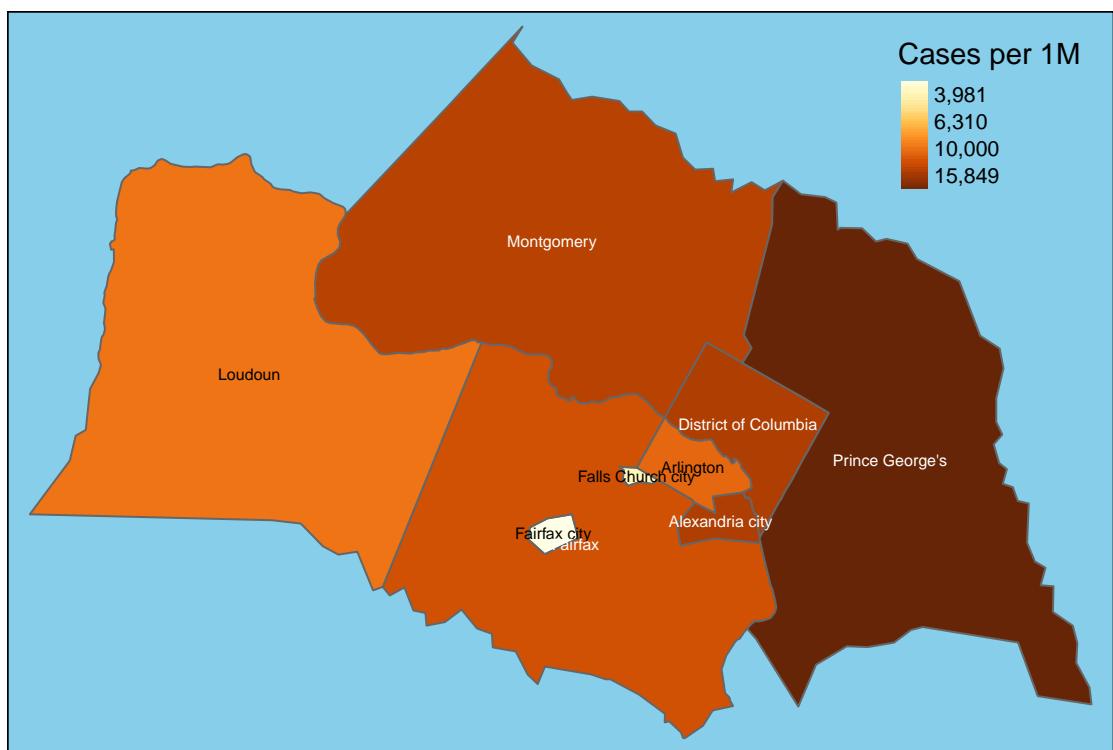
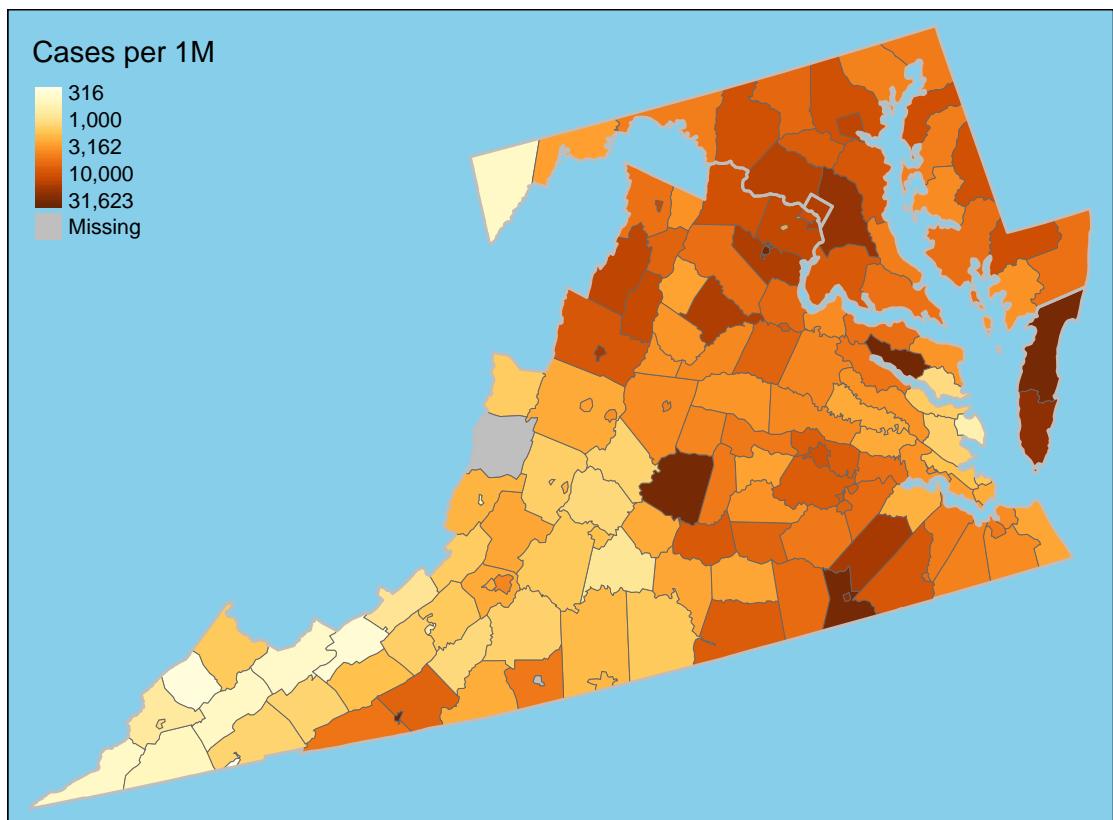


New Cases

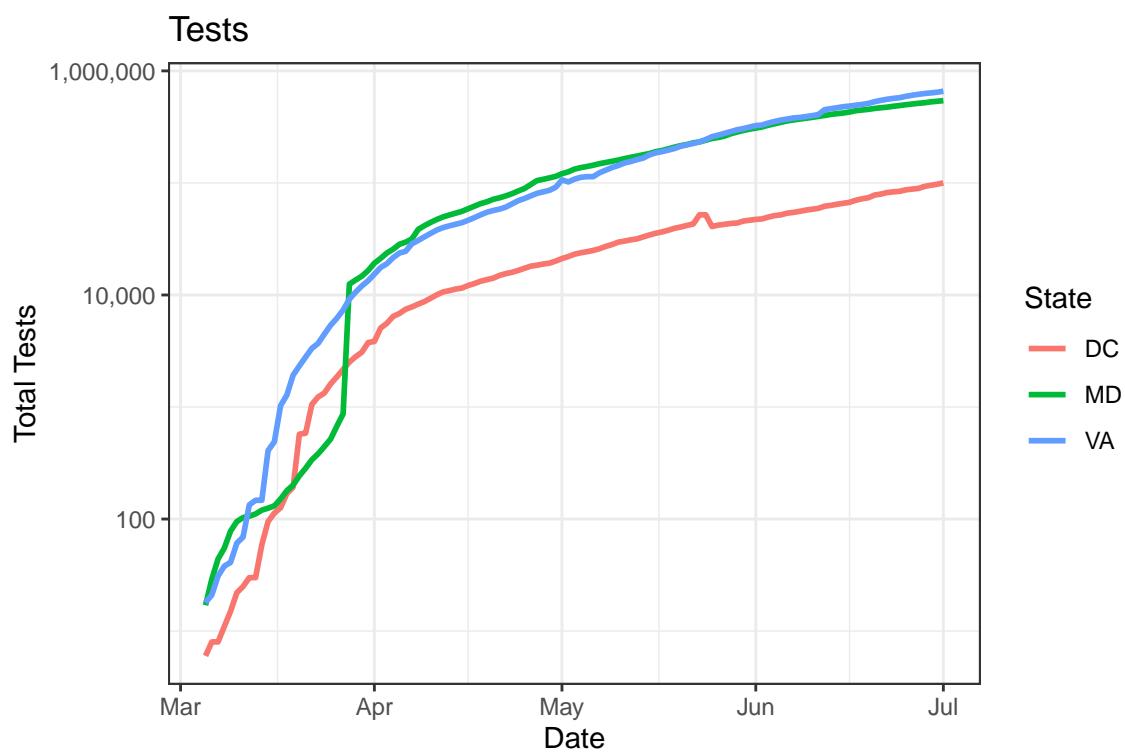


One-Week Change in Daily Cases

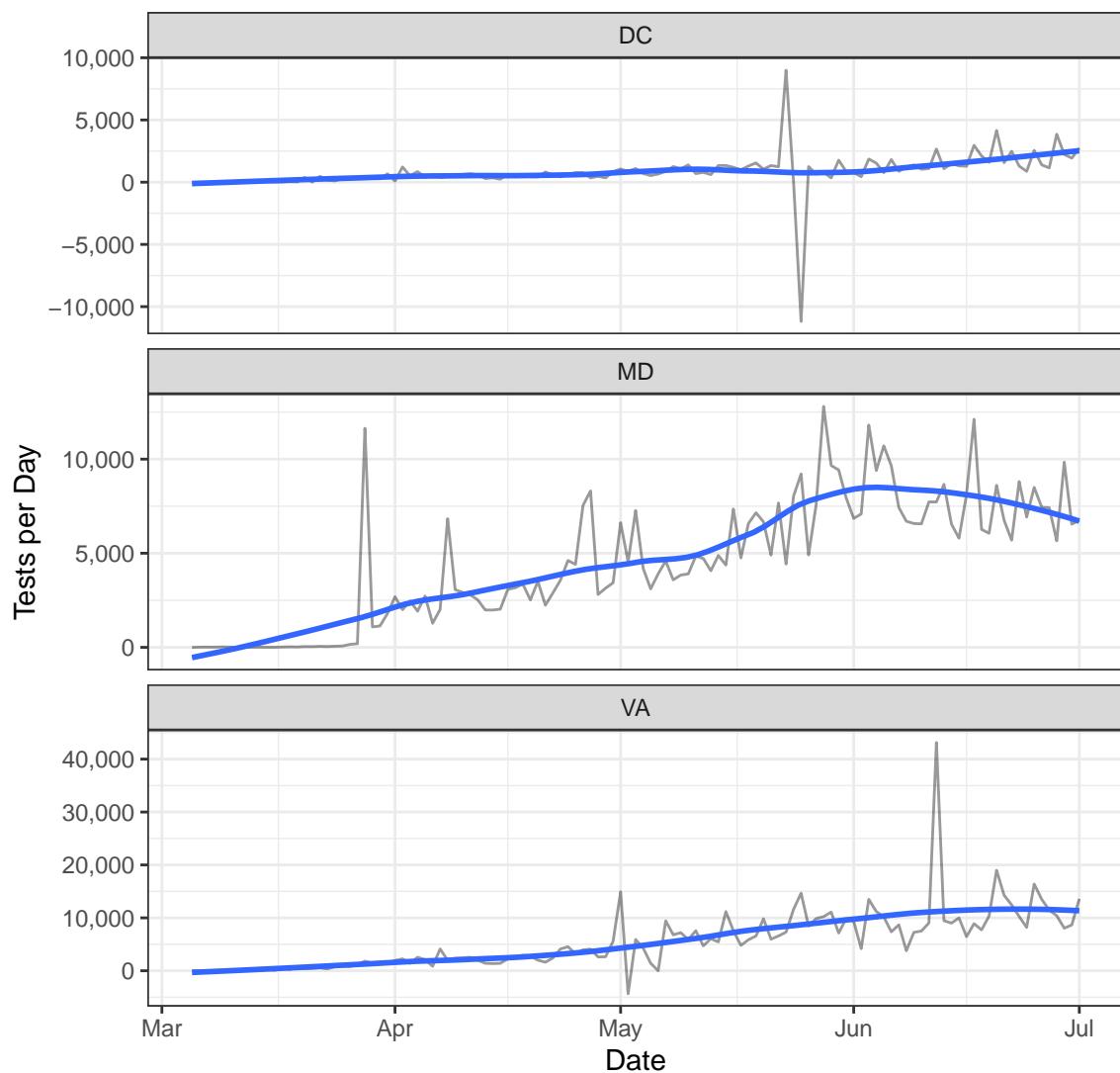




Testing



New Tests



Positive Test Rate

