

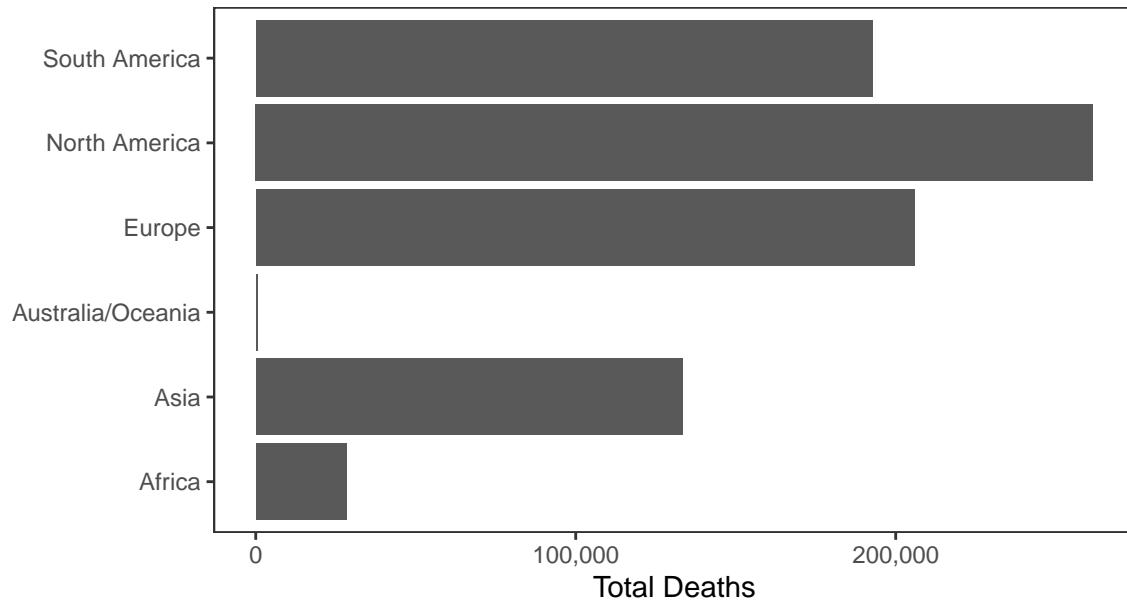
Erik's Covid-19 Chart Pack

Data updated 2020-08-26 21:34:30. 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 24,051,270 confirmed Covid-19 cases and 822,568 deaths worldwide.

Deaths



Cases

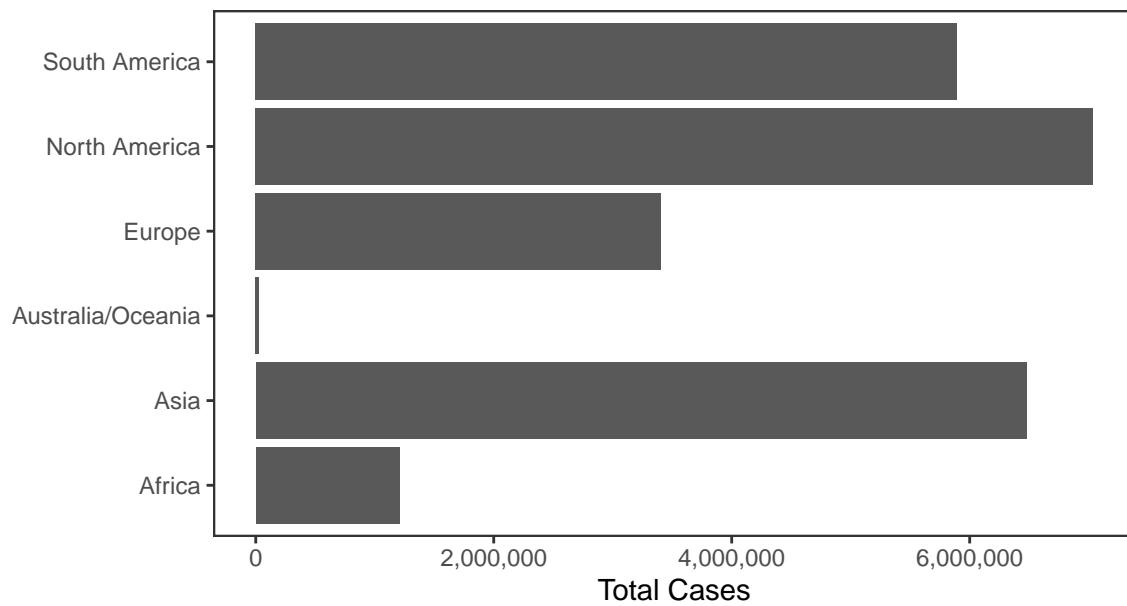
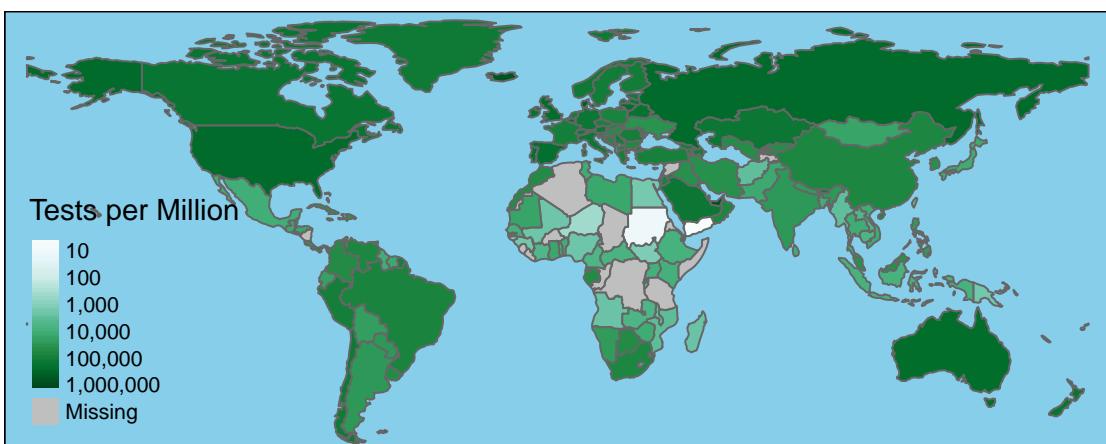
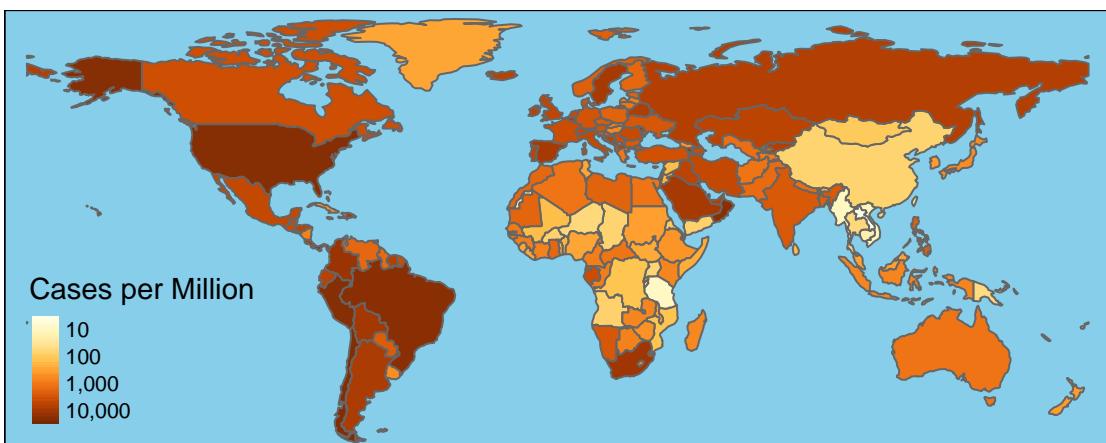
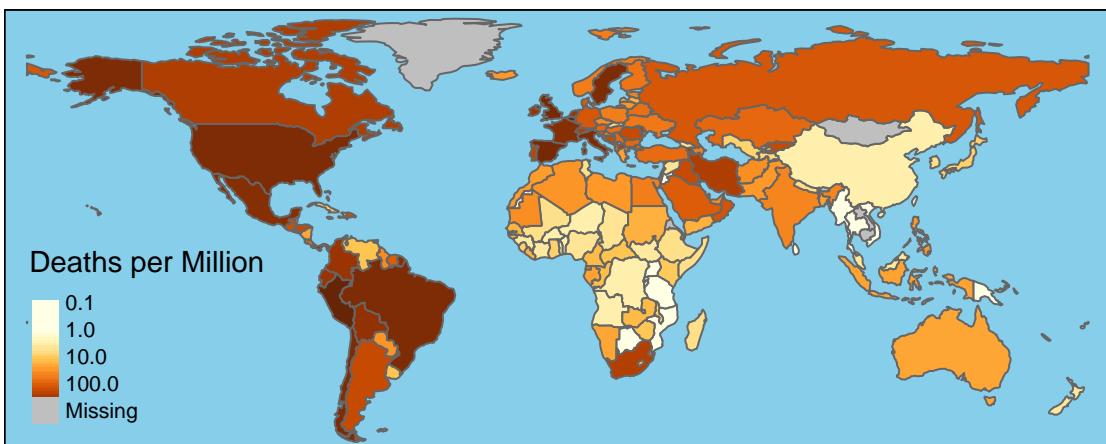


Table 1: Top Countries by Total Cases

Country	Cases	Deaths	New Cases	New Deaths
USA	5,955,728	182,364	40,098	1,290
Brazil	3,674,176	116,666	46,959	1,215
India	3,231,754	59,612	66,873	1,066
Russia	966,189	16,568	4,696	120
South Africa	613,017	13,308	1,567	149
Peru	607,382	28,001	6,944	188
Mexico	563,705	60,800	3,541	320
Colombia	562,128	17,889	10,432	277
Spain	423,224	28,924	2,415	52
Chile	400,985	10,958	1,417	42
Iran	363,363	20,901	2,213	125
Argentina	359,638	7,563	8,771	197
UK	327,798	41,449	1,184	16
Saudi Arabia	309,768	3,722	1,114	31
Bangladesh	299,628	4,028	2,545	45
Pakistan	293,711	6,255	450	11
Turkey	261,194	6,163	1,502	24
Italy	261,173	35,445	876	4
France	248,158	30,544	3,304	16
Germany	237,572	9,345	1,455	9



National Data

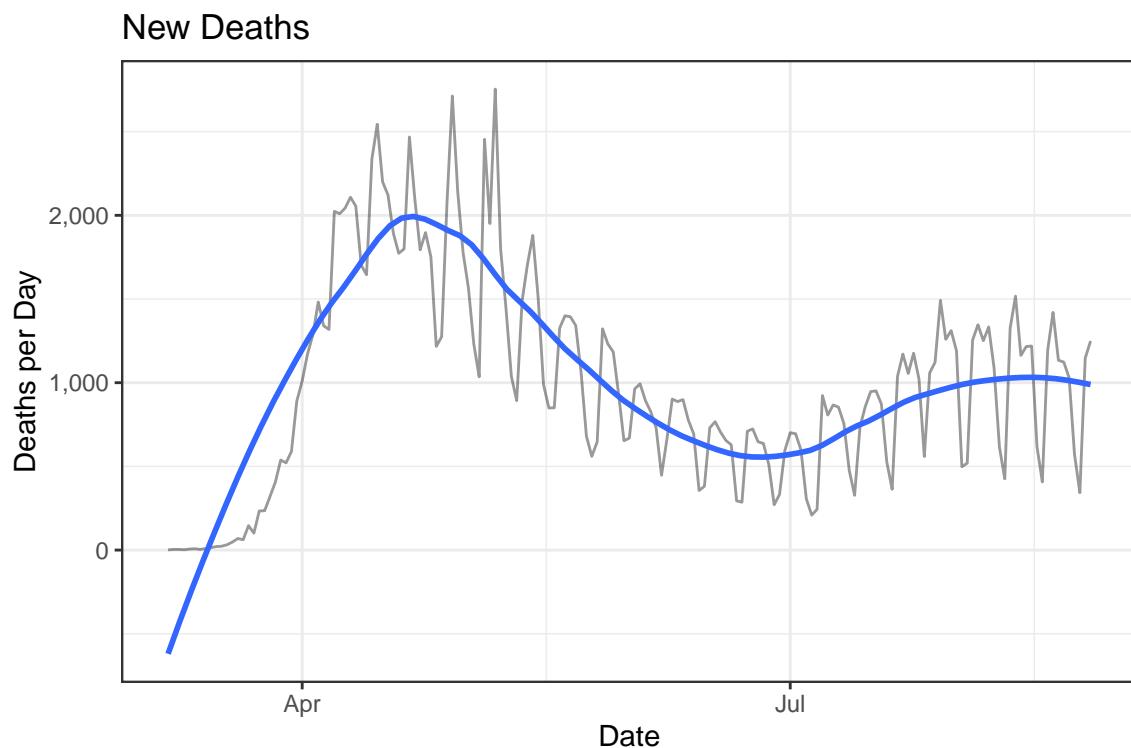
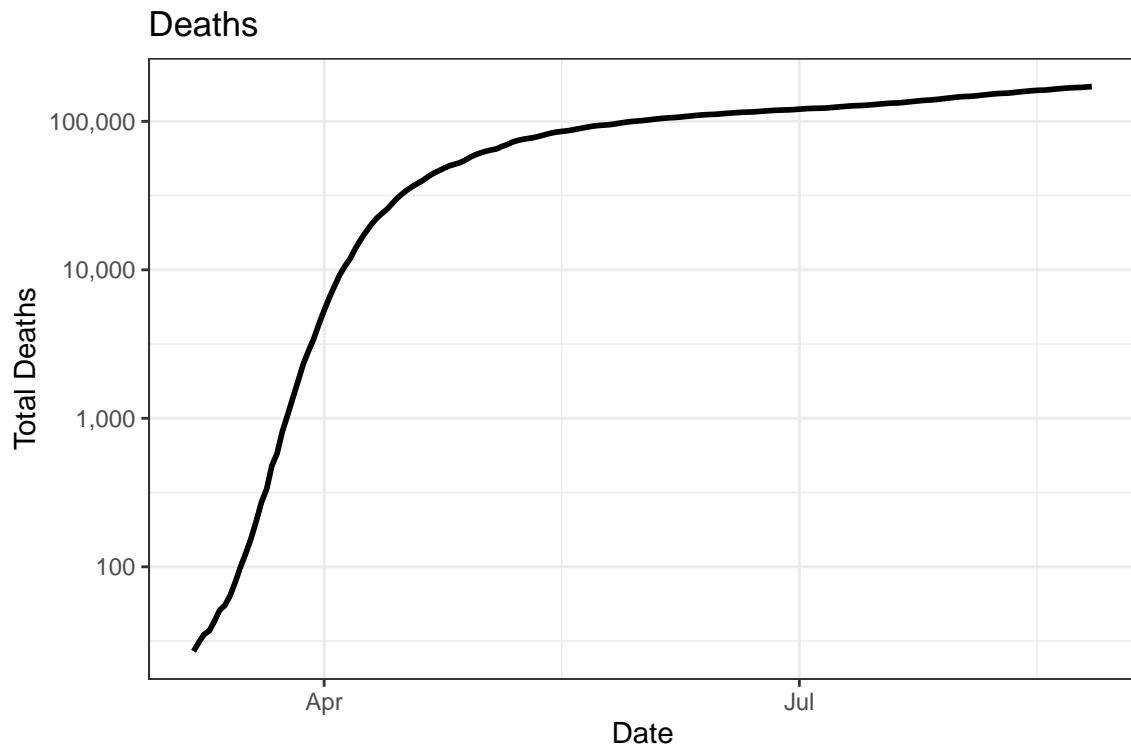
There have been 5,793,243 confirmed Covid-19 cases and 171,602 deaths in the United States.

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

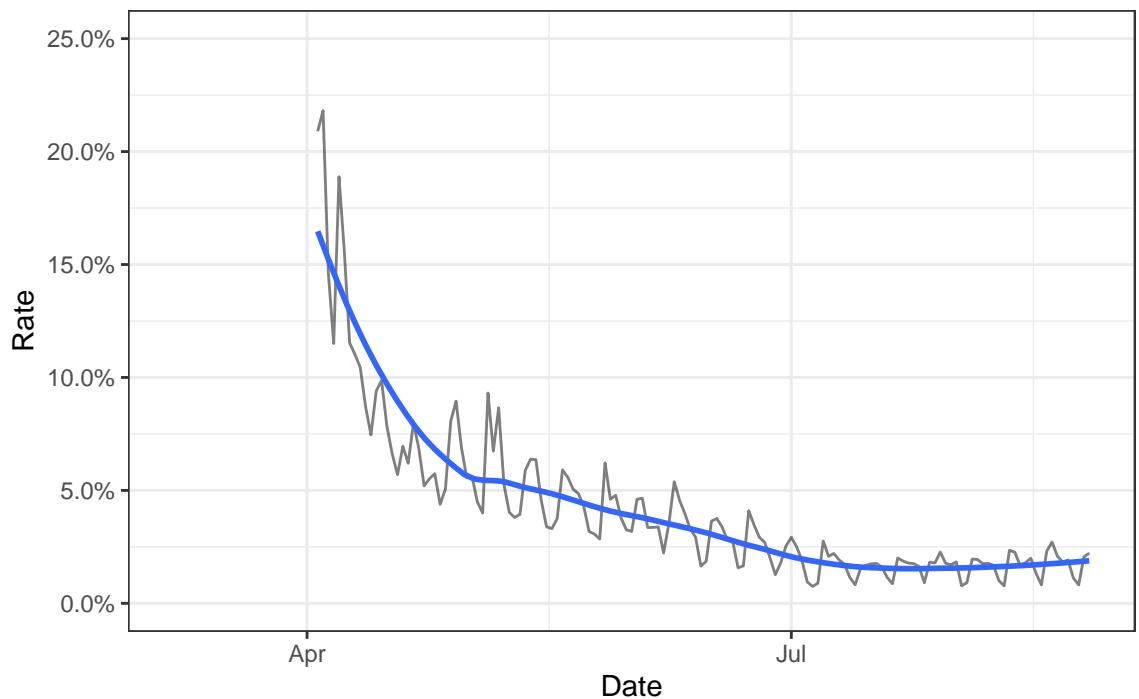
Date	Cases	Deaths	New Cases	New Deaths
2020-08-26	5,793,243	171,602	43,130	1,249
2020-08-25	5,750,113	170,353	36,320	1,147
2020-08-24	5,713,793	169,206	34,641	343
2020-08-23	5,679,152	168,863	37,567	572
2020-08-22	5,641,585	168,291	46,242	1,029
2020-08-21	5,595,343	167,262	46,562	1,123
2020-08-20	5,548,781	166,139	43,758	1,134
2020-08-19	5,505,023	165,005	44,953	1,420
2020-08-18	5,460,070	163,585	40,796	1,195
2020-08-17	5,419,274	162,390	37,881	407
2020-08-16	5,381,393	161,983	42,487	619
2020-08-15	5,338,906	161,364	56,148	1,219
2020-08-14	5,282,758	160,145	55,635	1,216
2020-08-13	5,227,123	158,929	51,760	1,163

Deaths

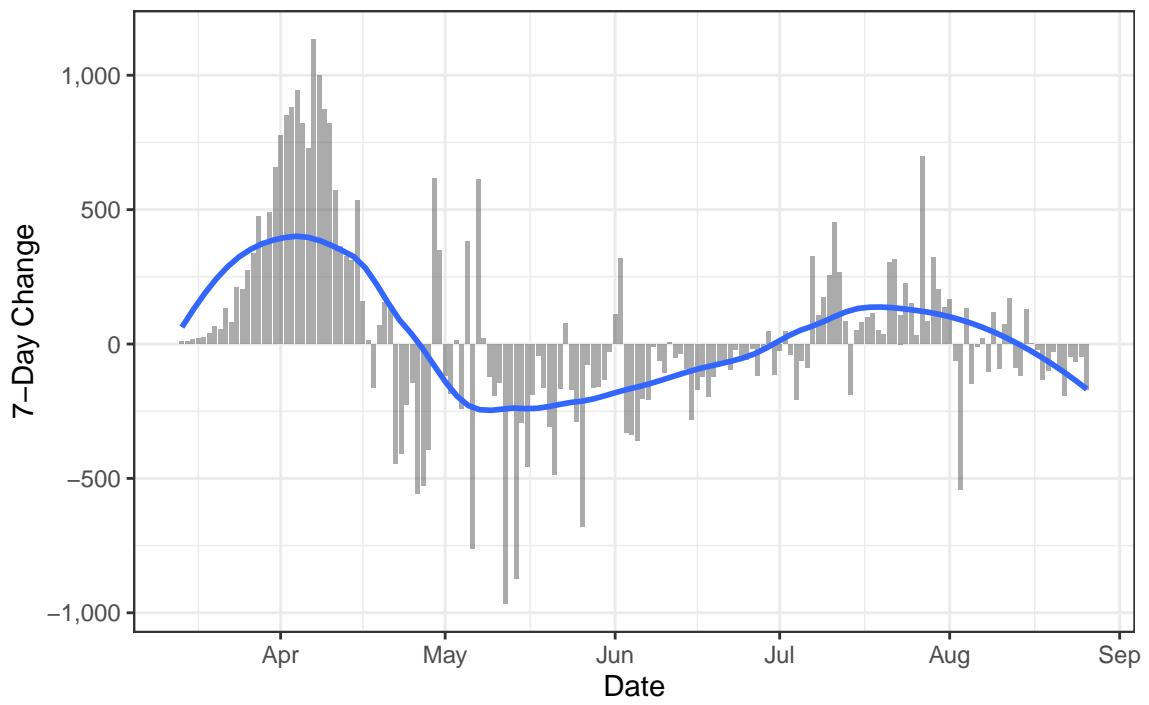
Because the effects of the virus can take several weeks to manifest in patients, deaths are a lagging indicator of contagion, but they may be a more reliable than case counts, which are a function of both the prevalence of the disease and the rate of testing. The case mortality rate is a very crude indicator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

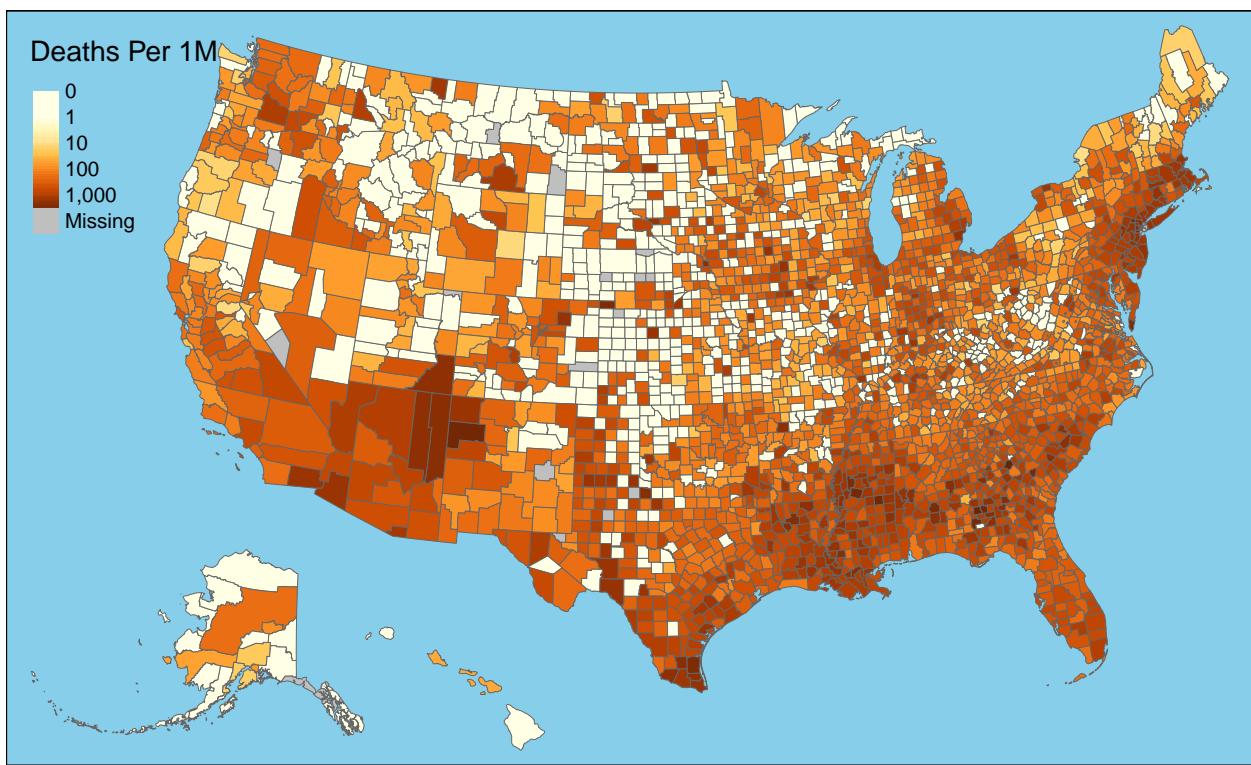


Daily Case Mortality Rate



One-Week Change in Daily Deaths

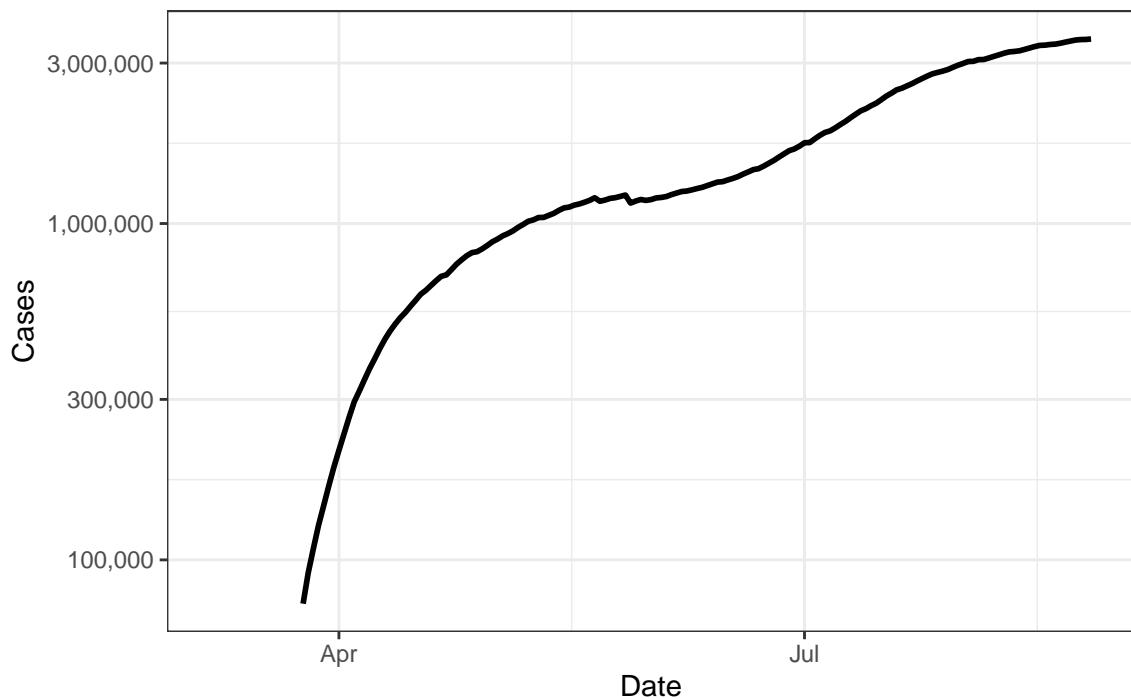




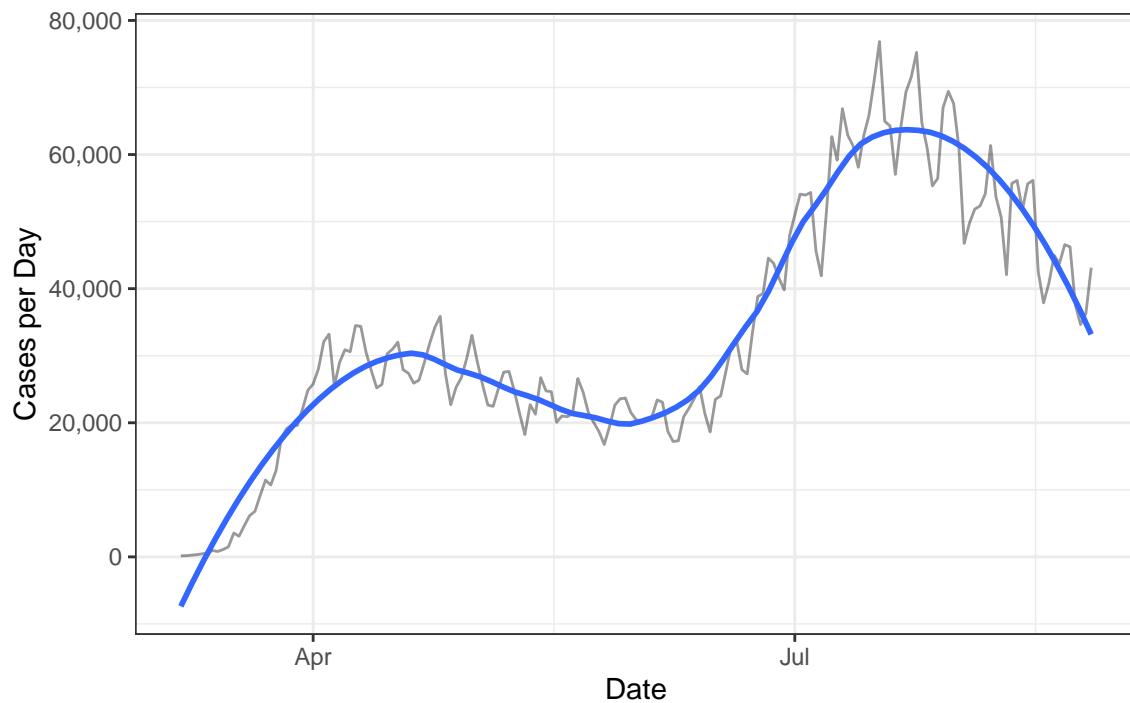
Cases

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

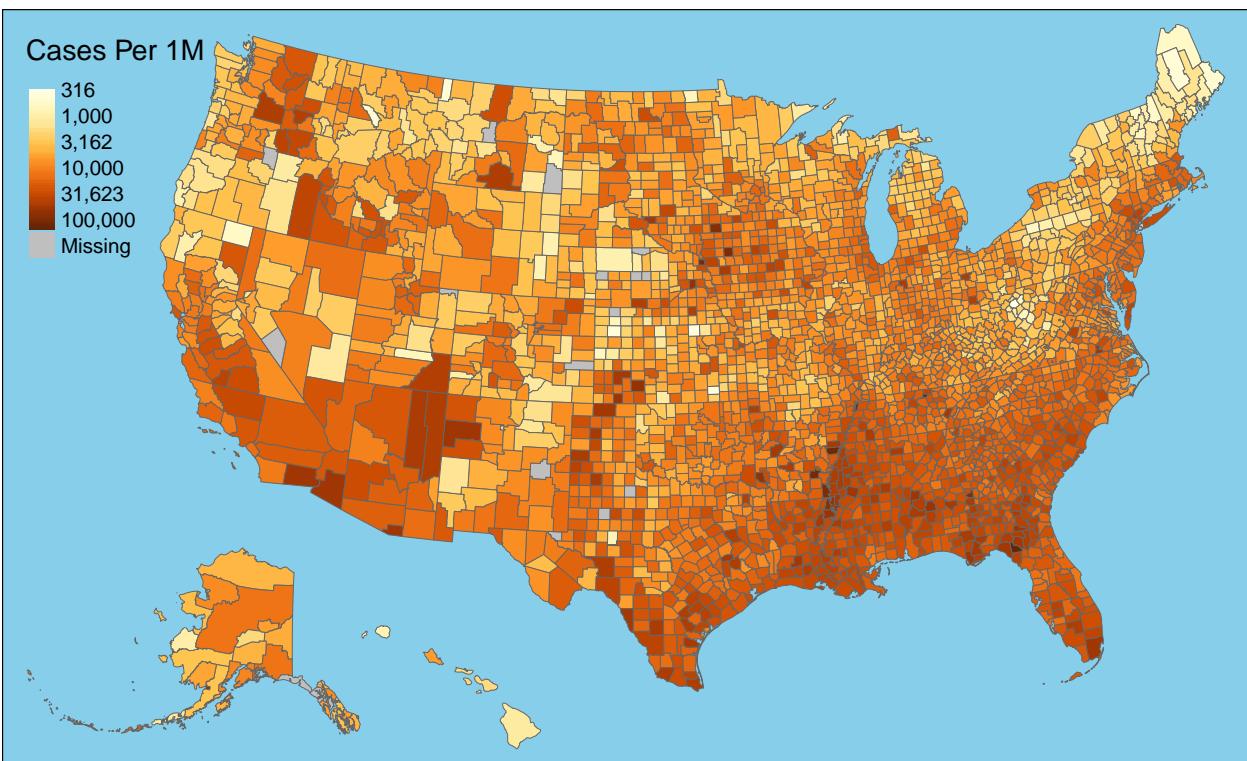
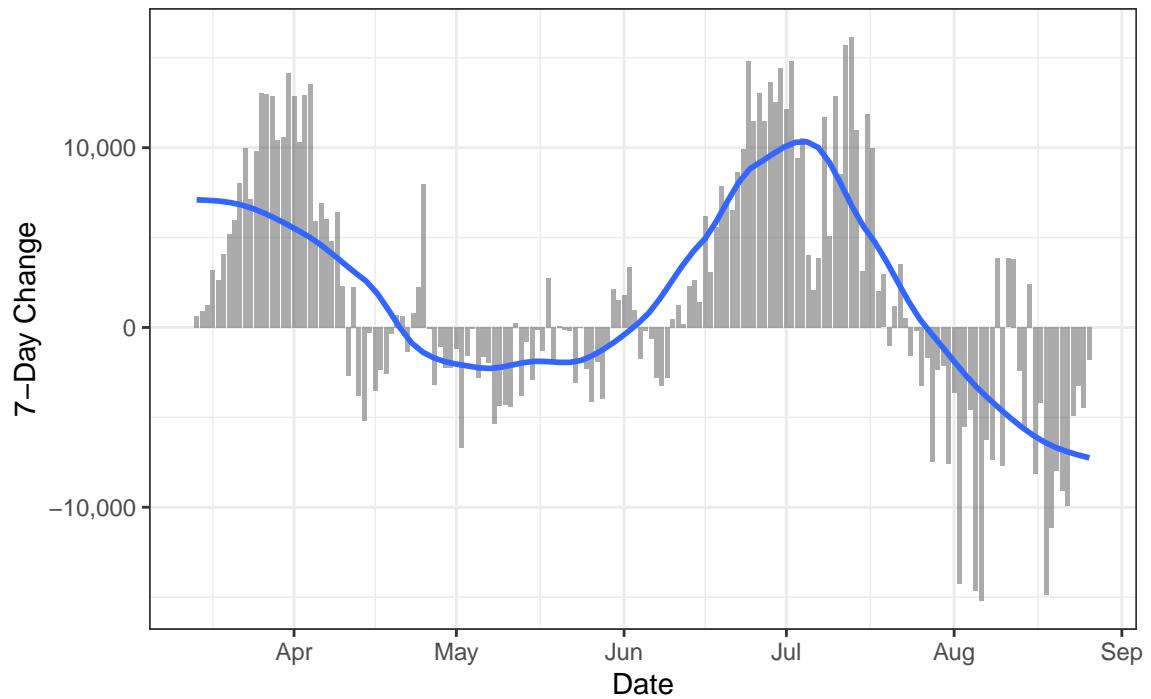
Active Cases



New Cases

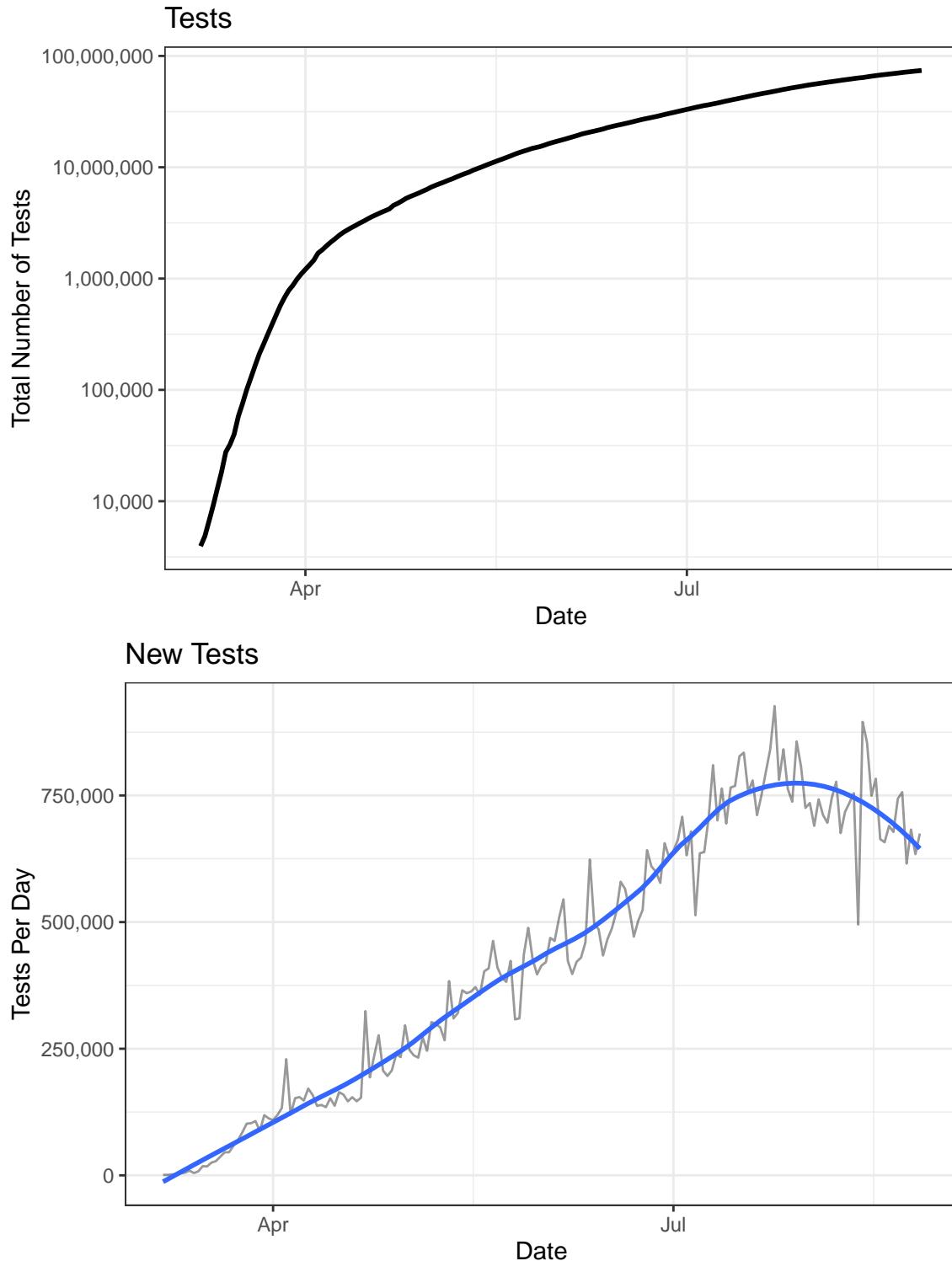


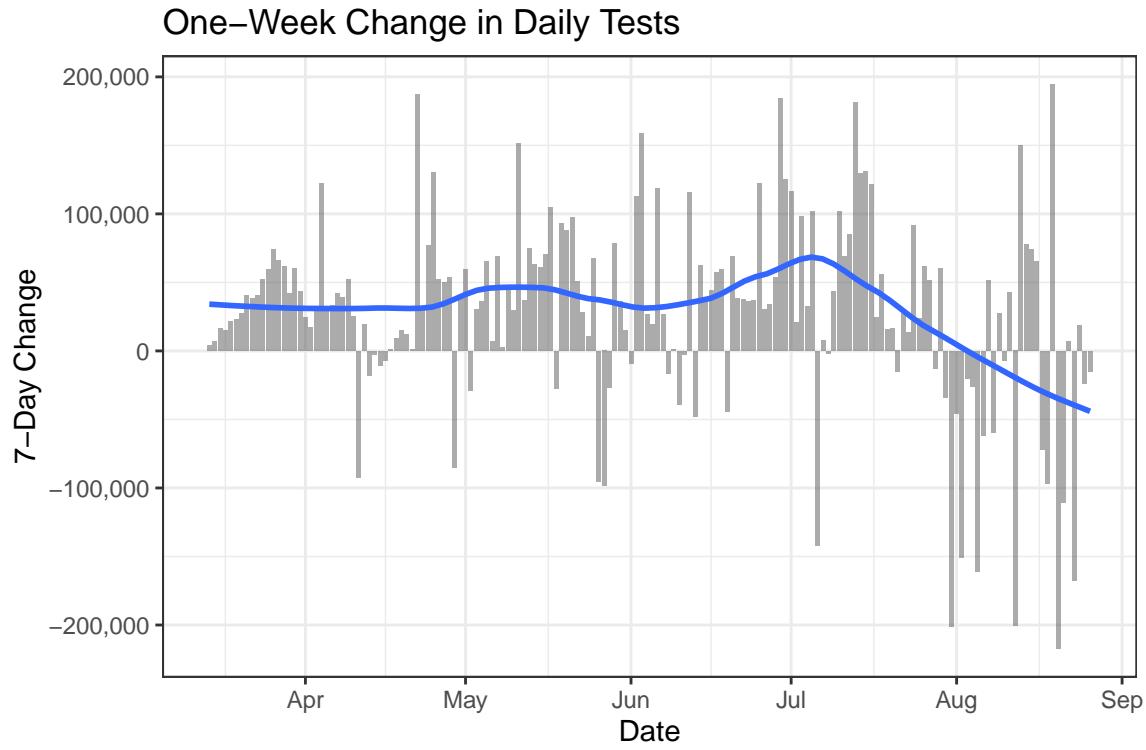
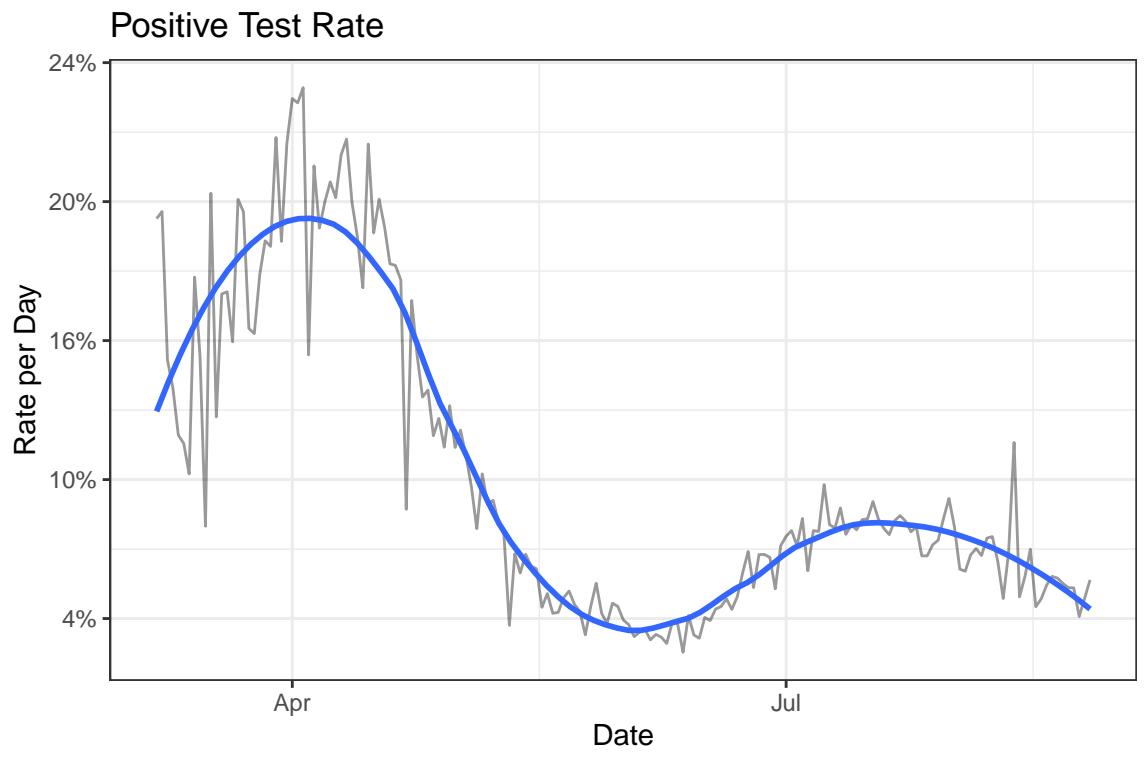
One-Week Change in Daily Cases



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.



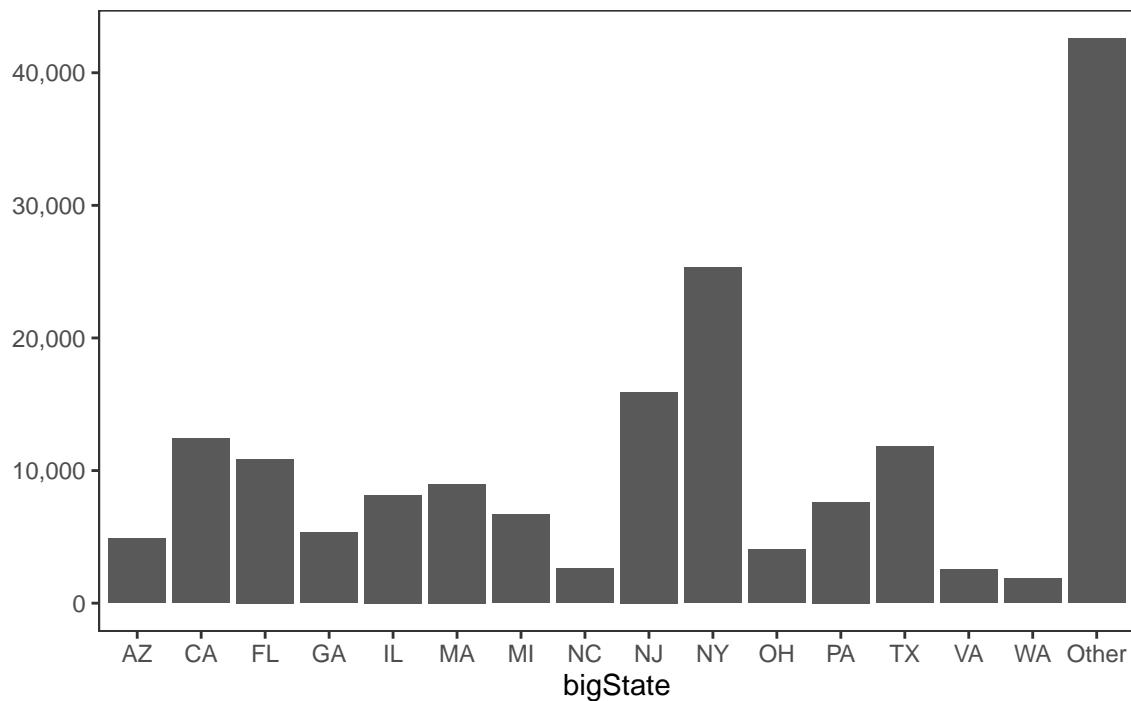


State Data

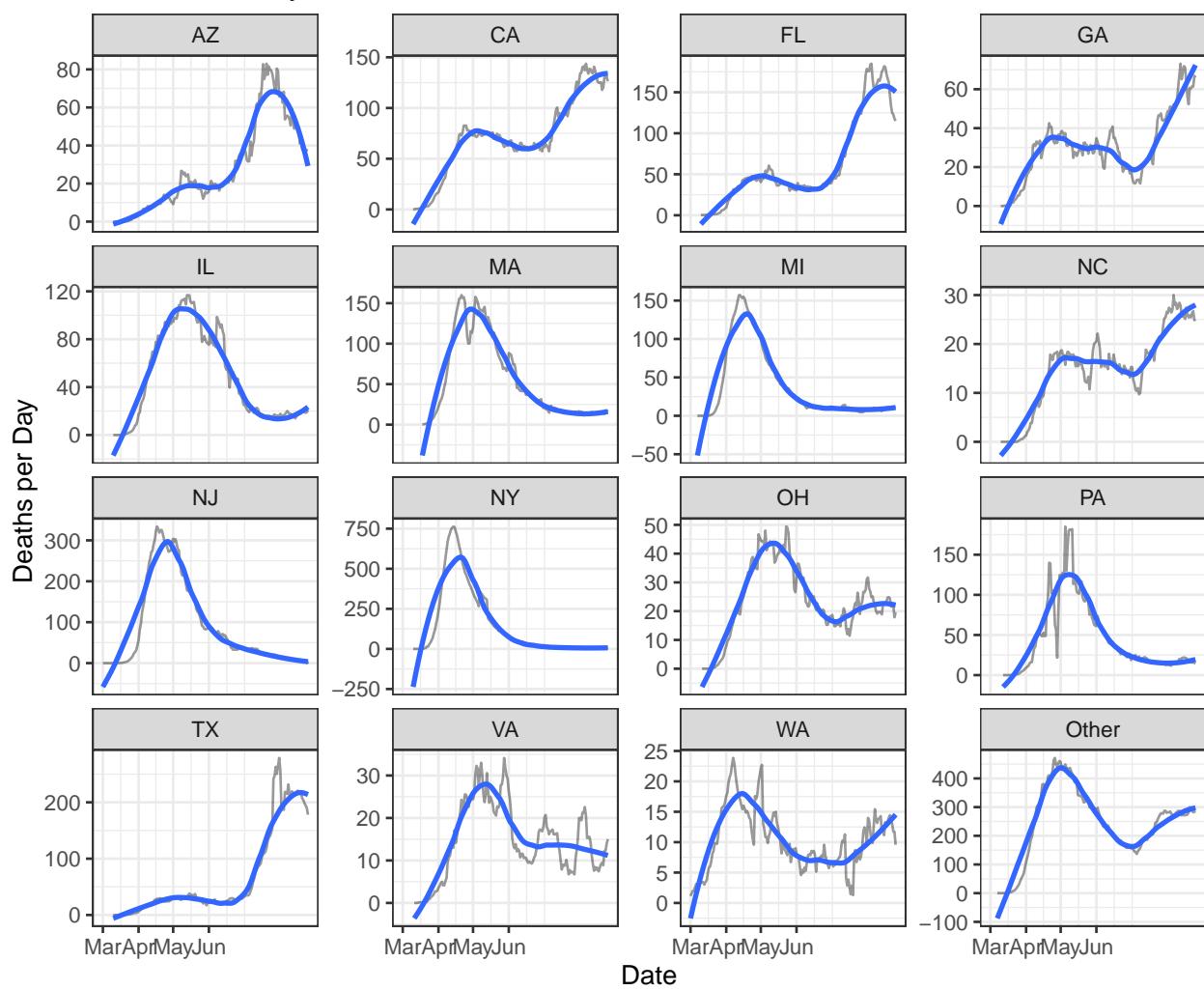
This section summarizes state-level data. Most data are reported for the largest 15 states by population, which account for NaN percent of the total U.S. population.

Deaths

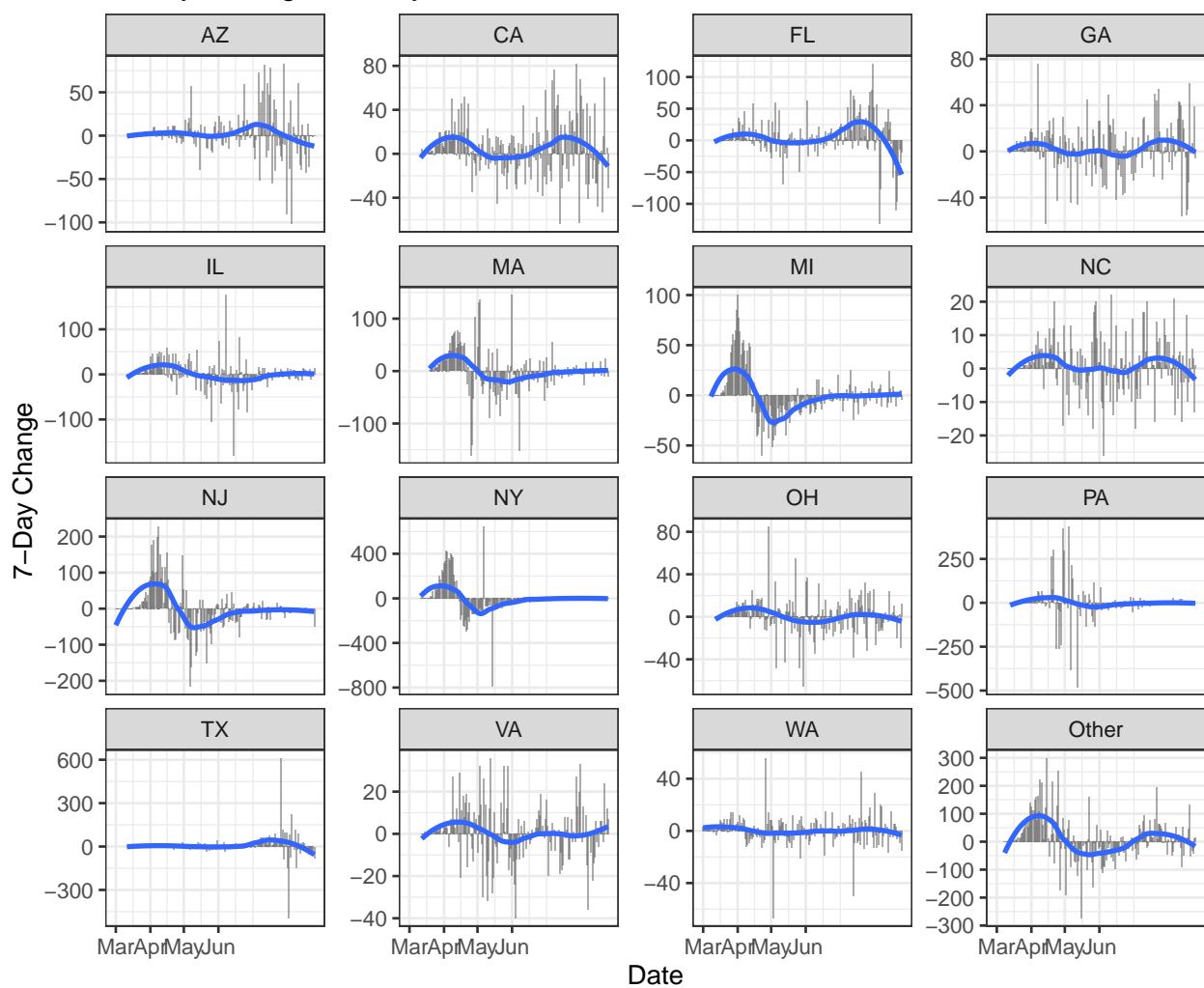
Deaths by State

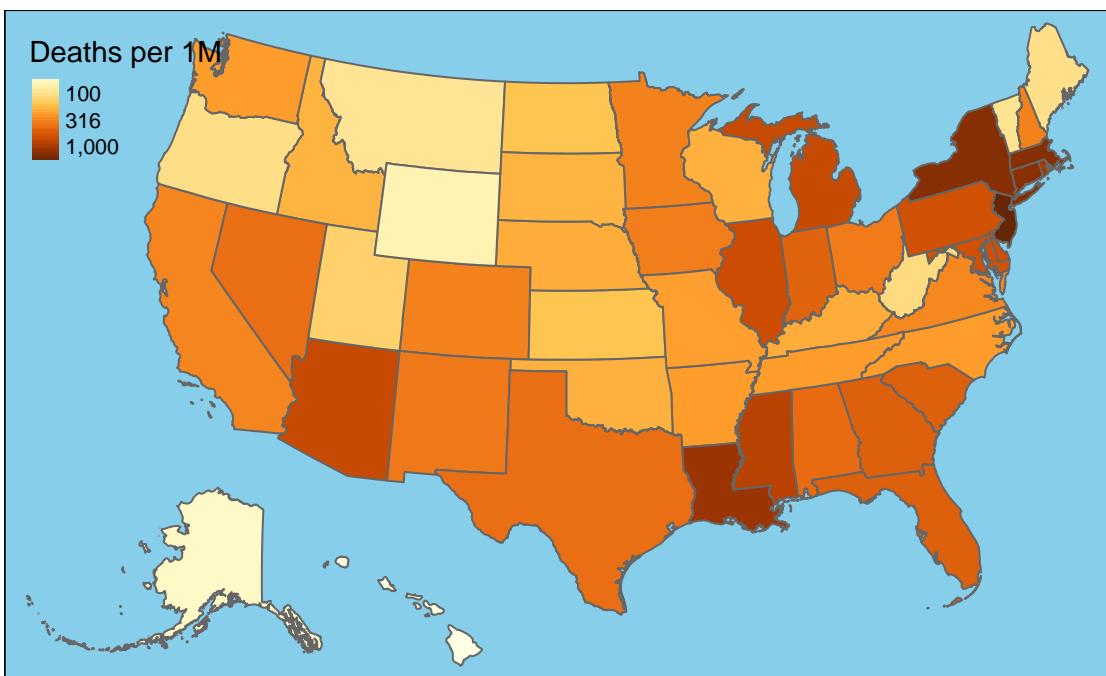
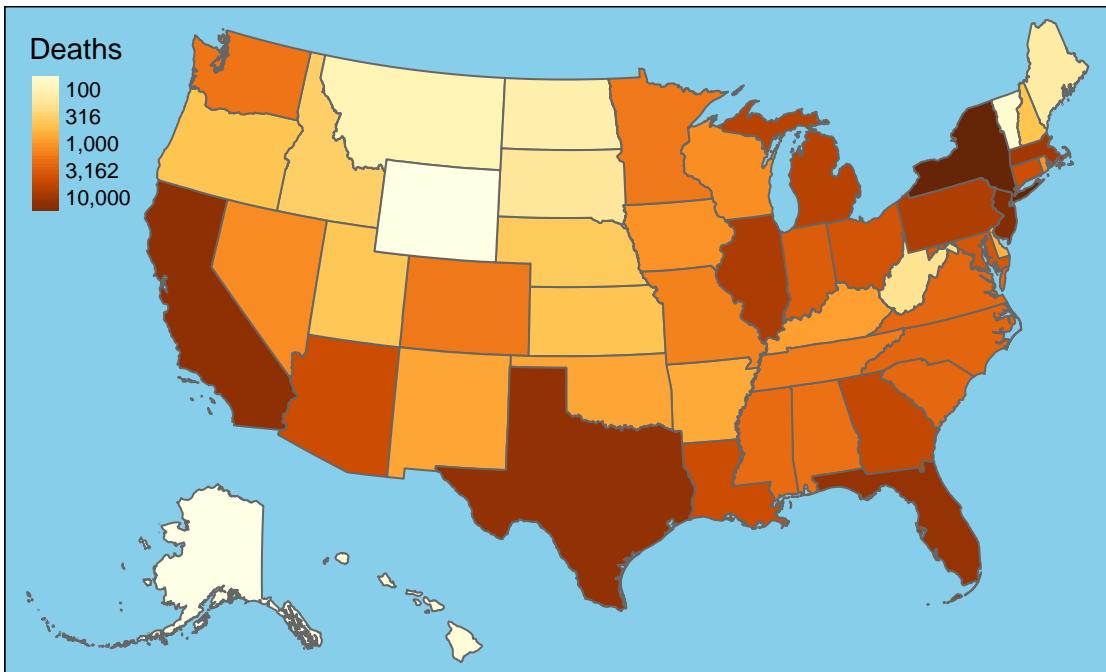


New Deaths by State



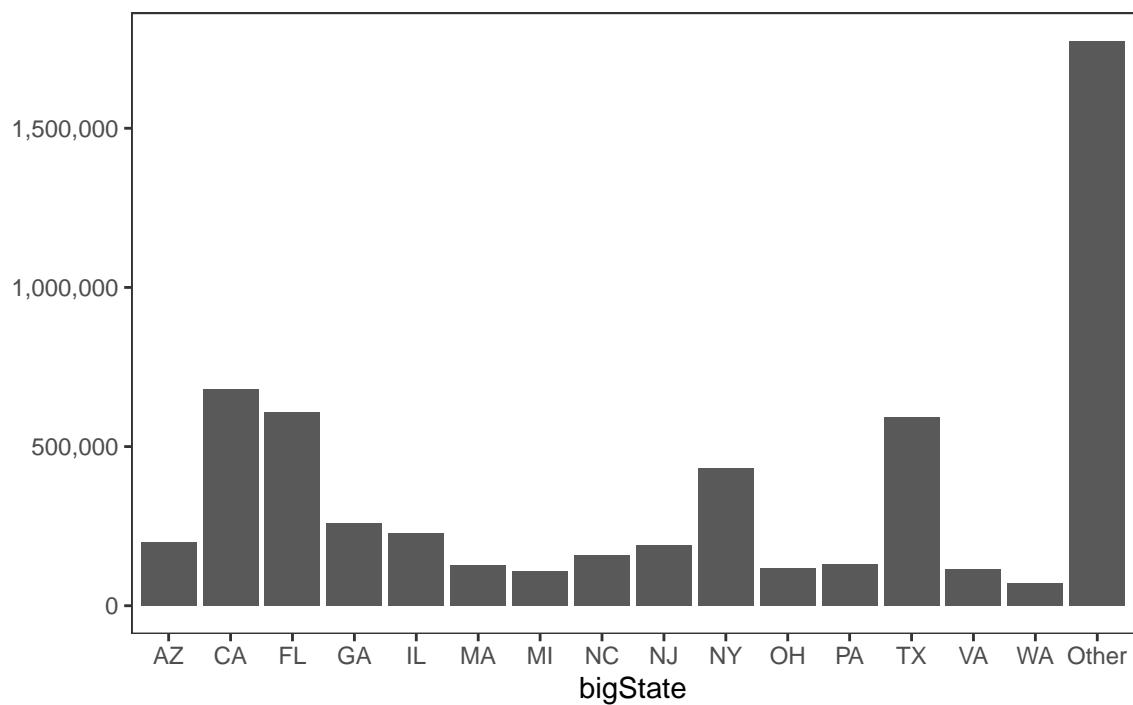
7-Day Change in Daily Deaths



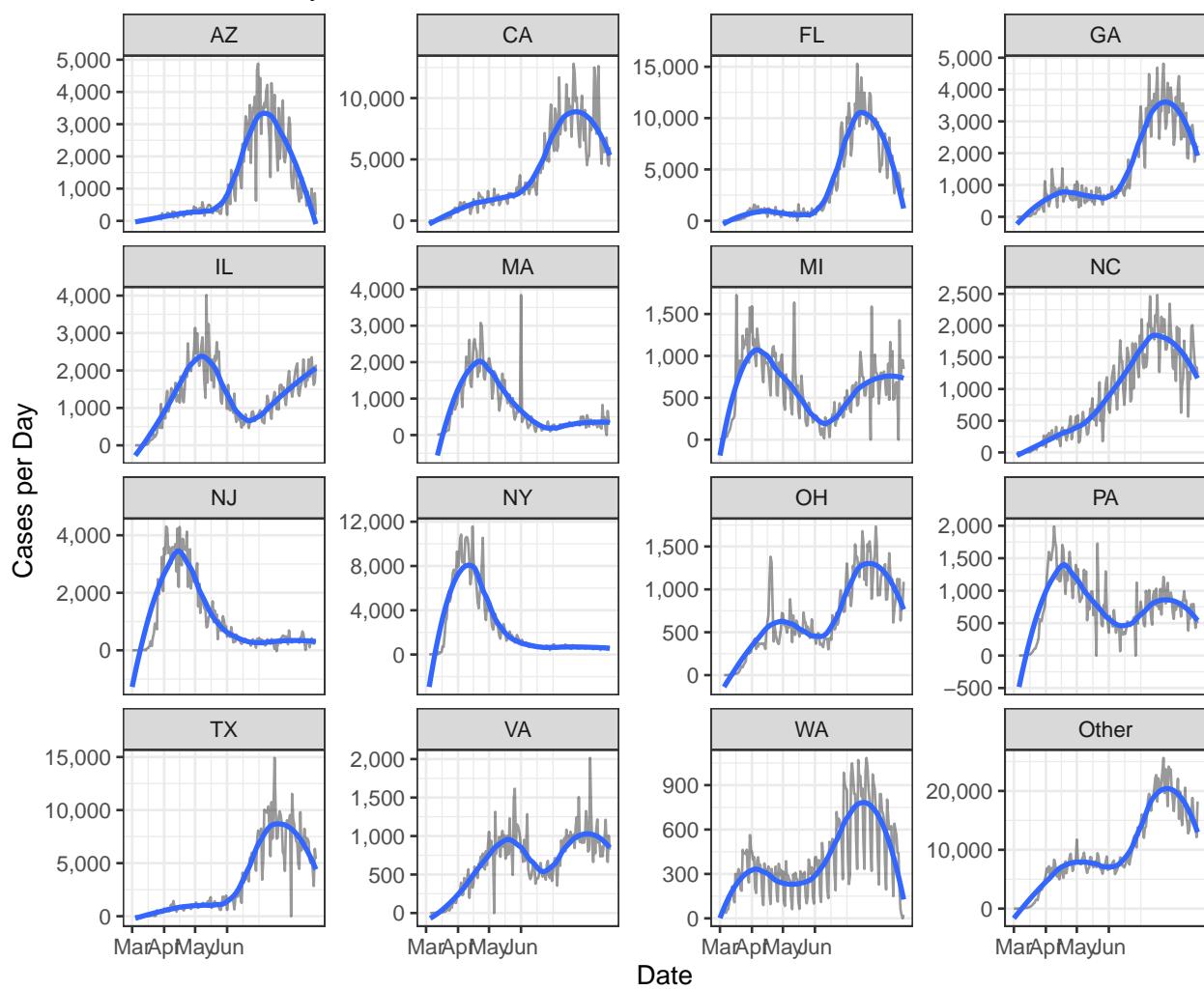


Cases

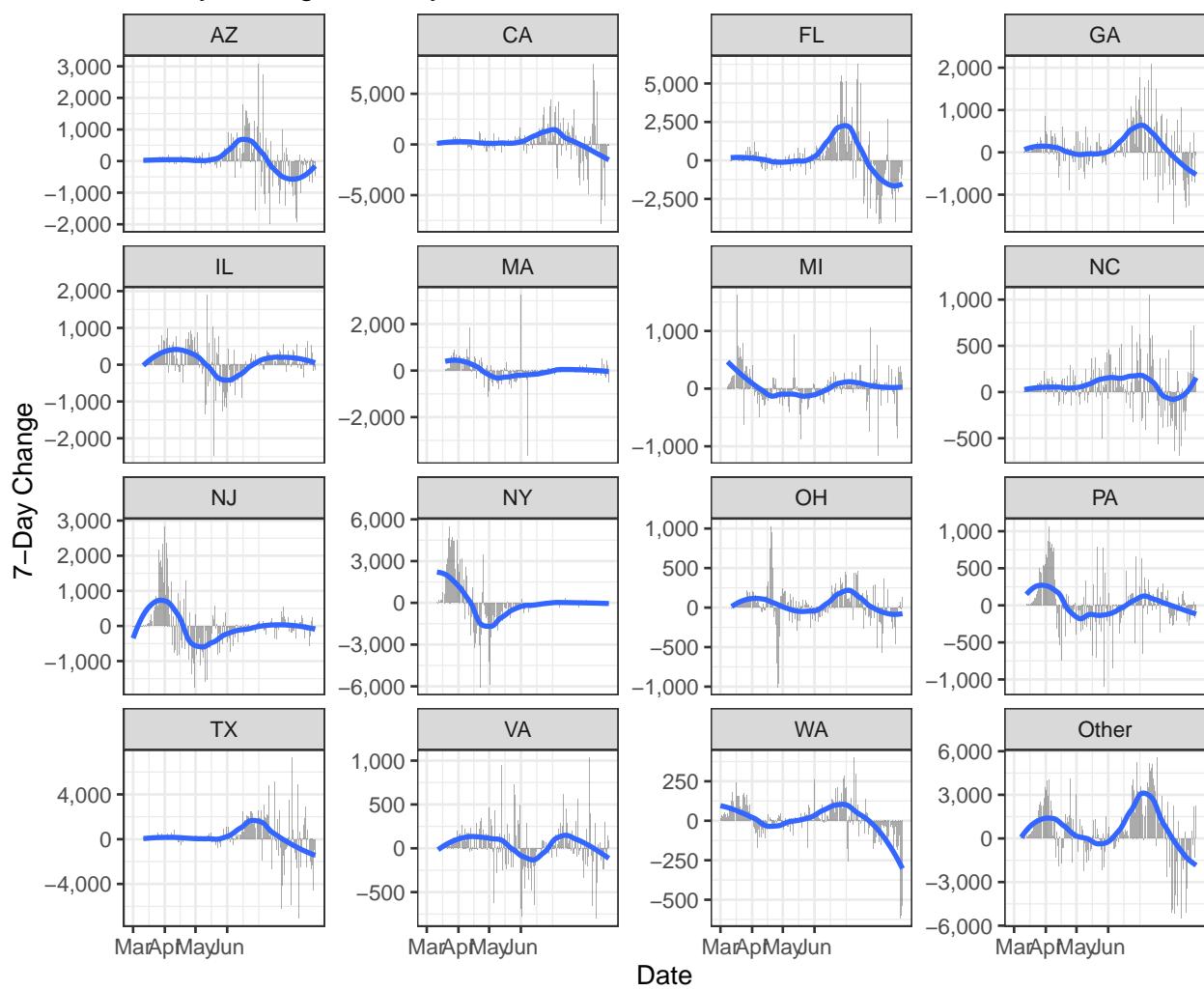
Cases by State

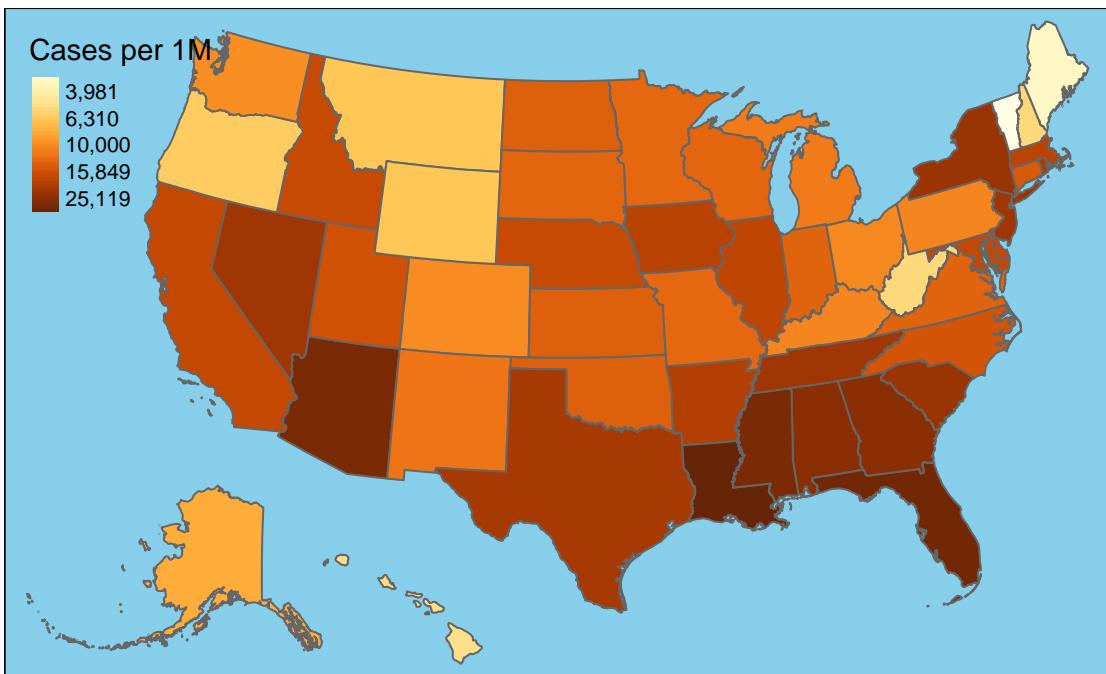
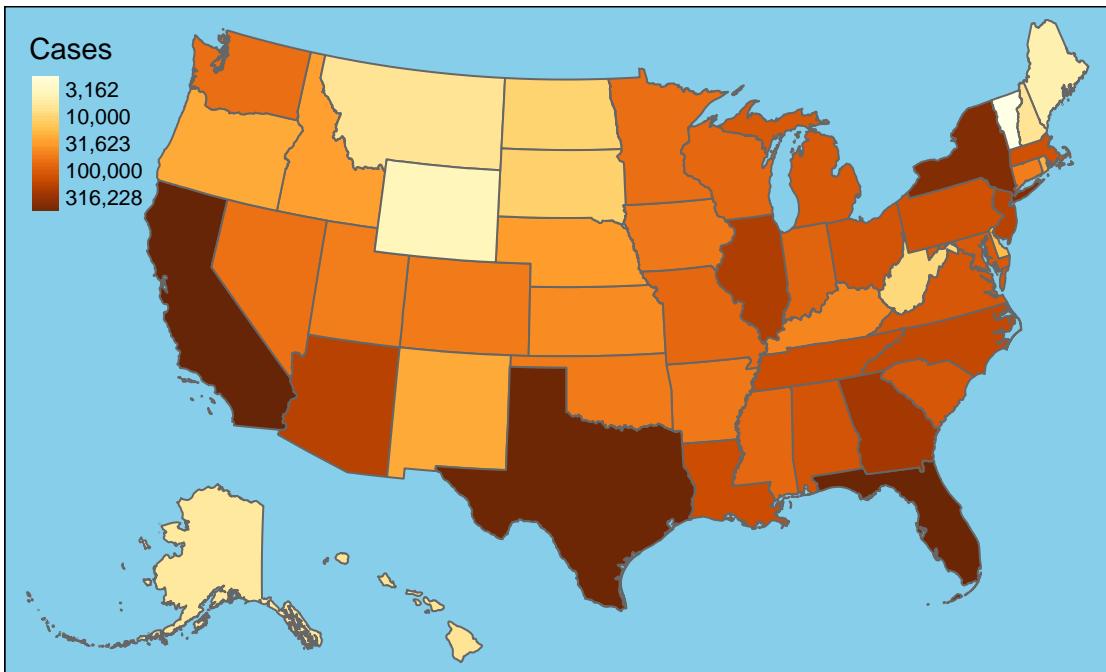


New Cases by State

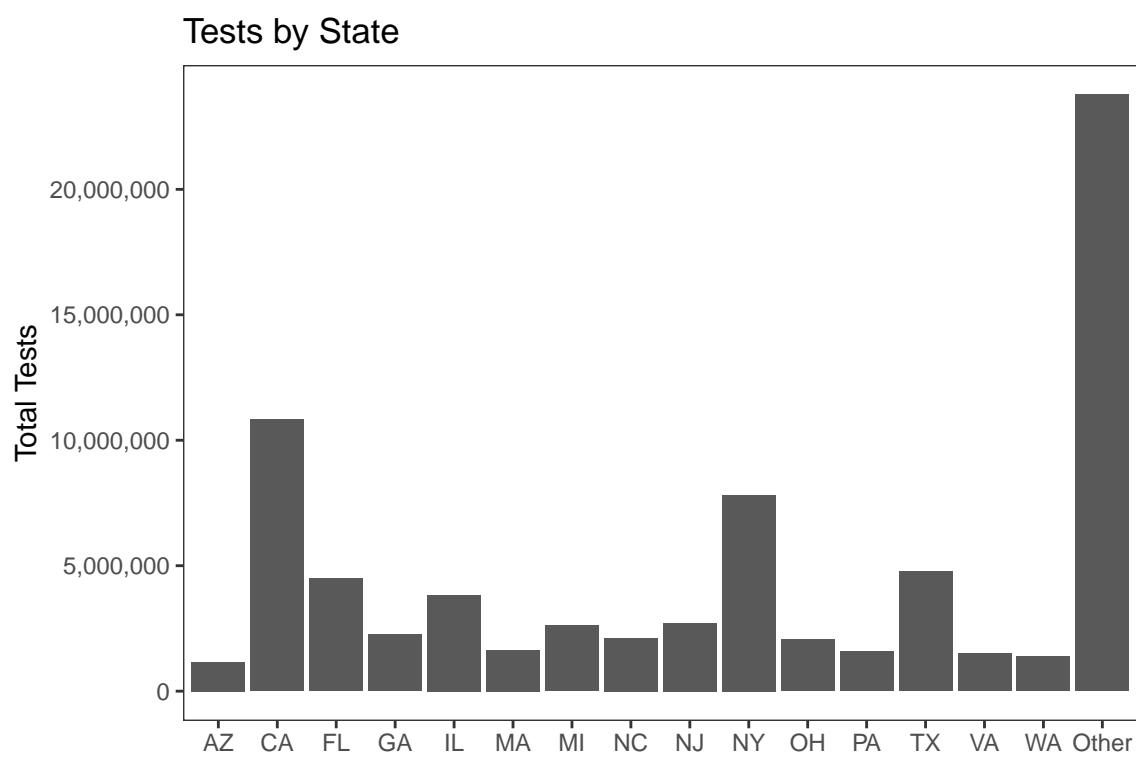


7-Day Change in Daily Cases

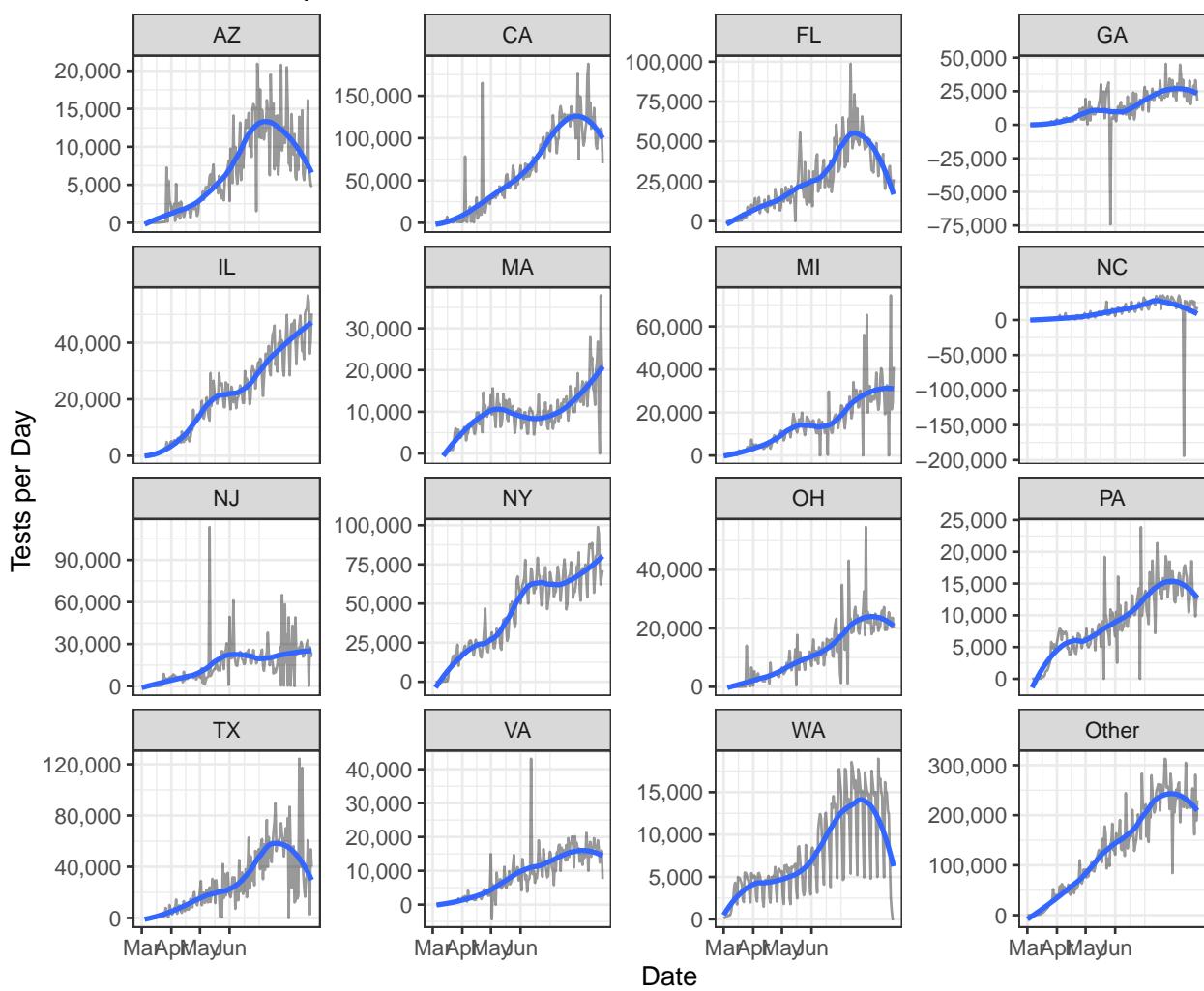


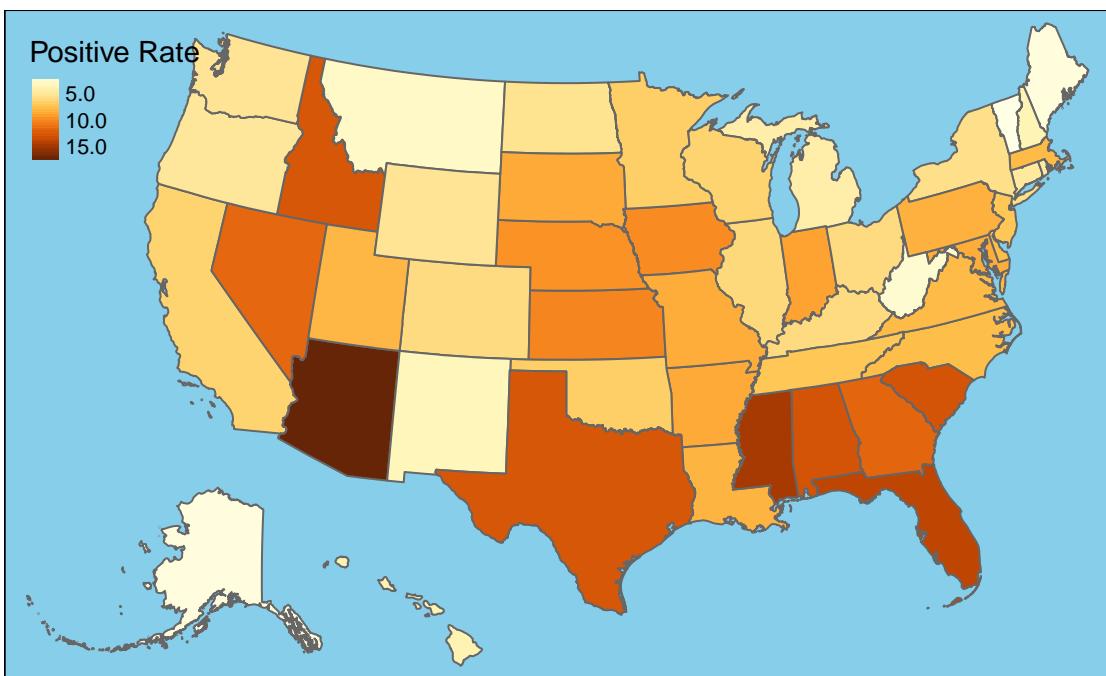
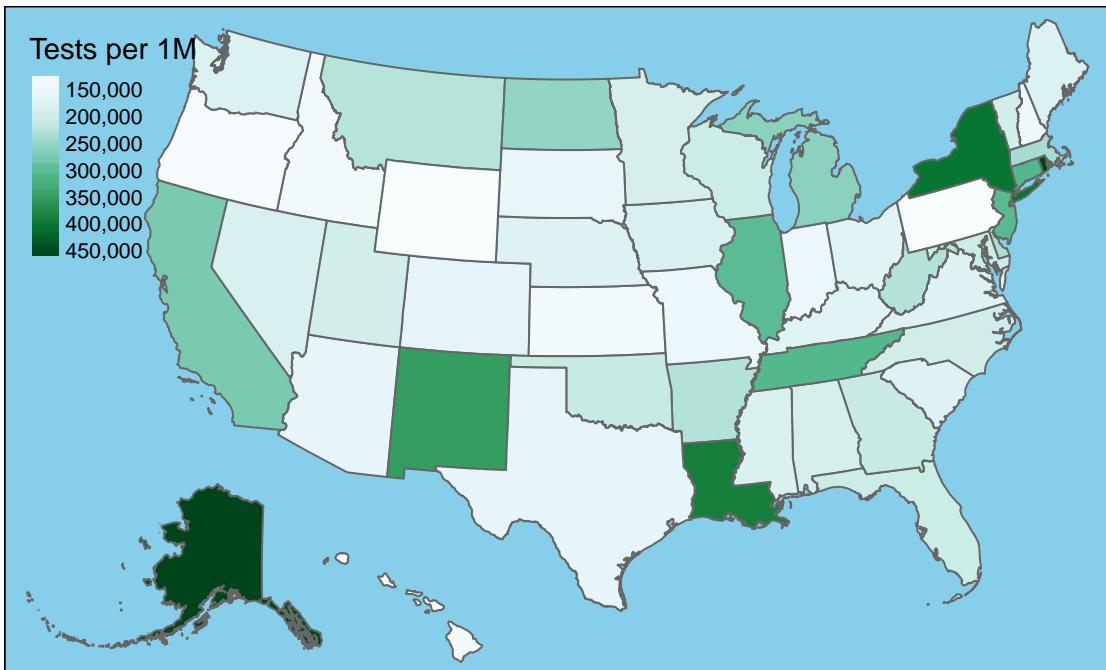


Testing



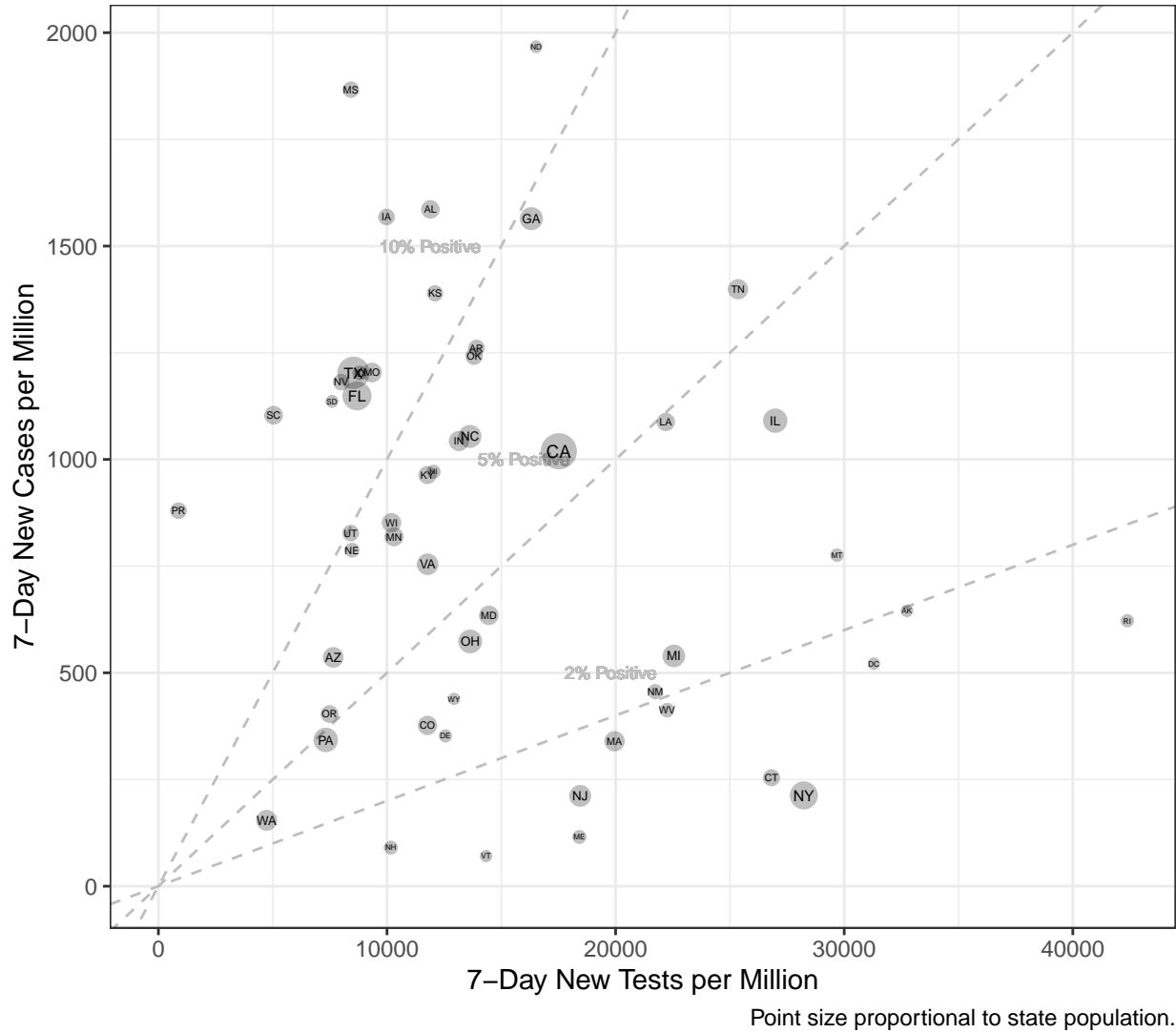
New Tests by State





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



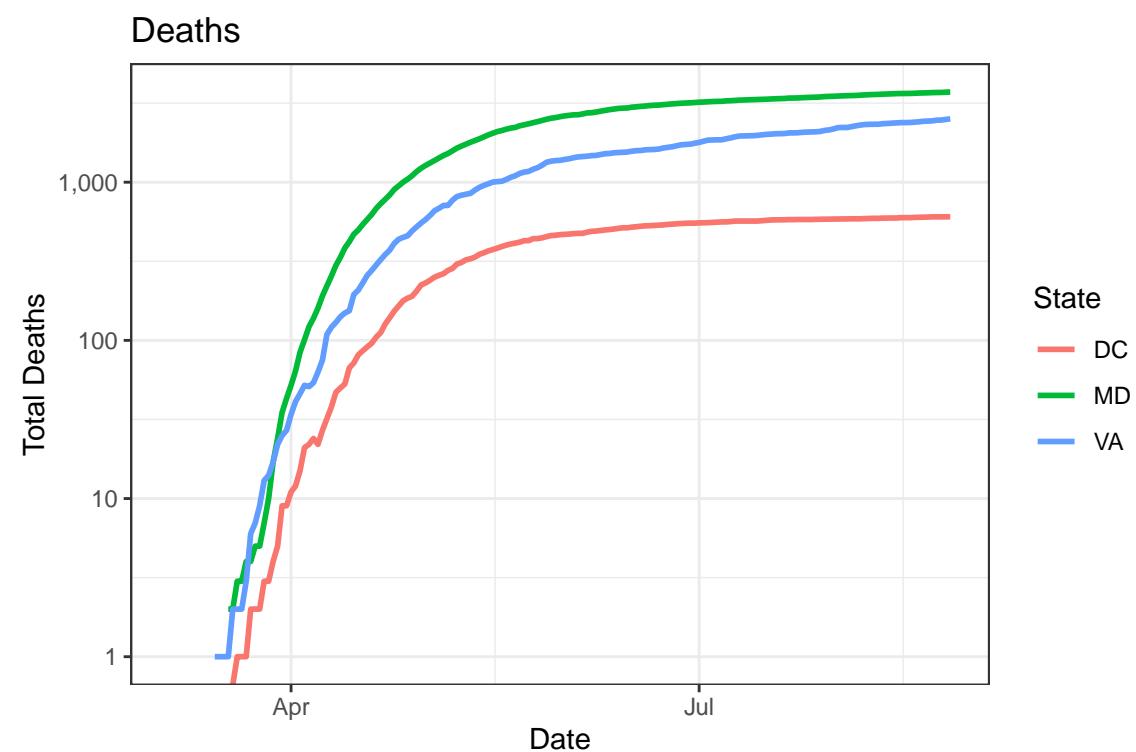
Local Data

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

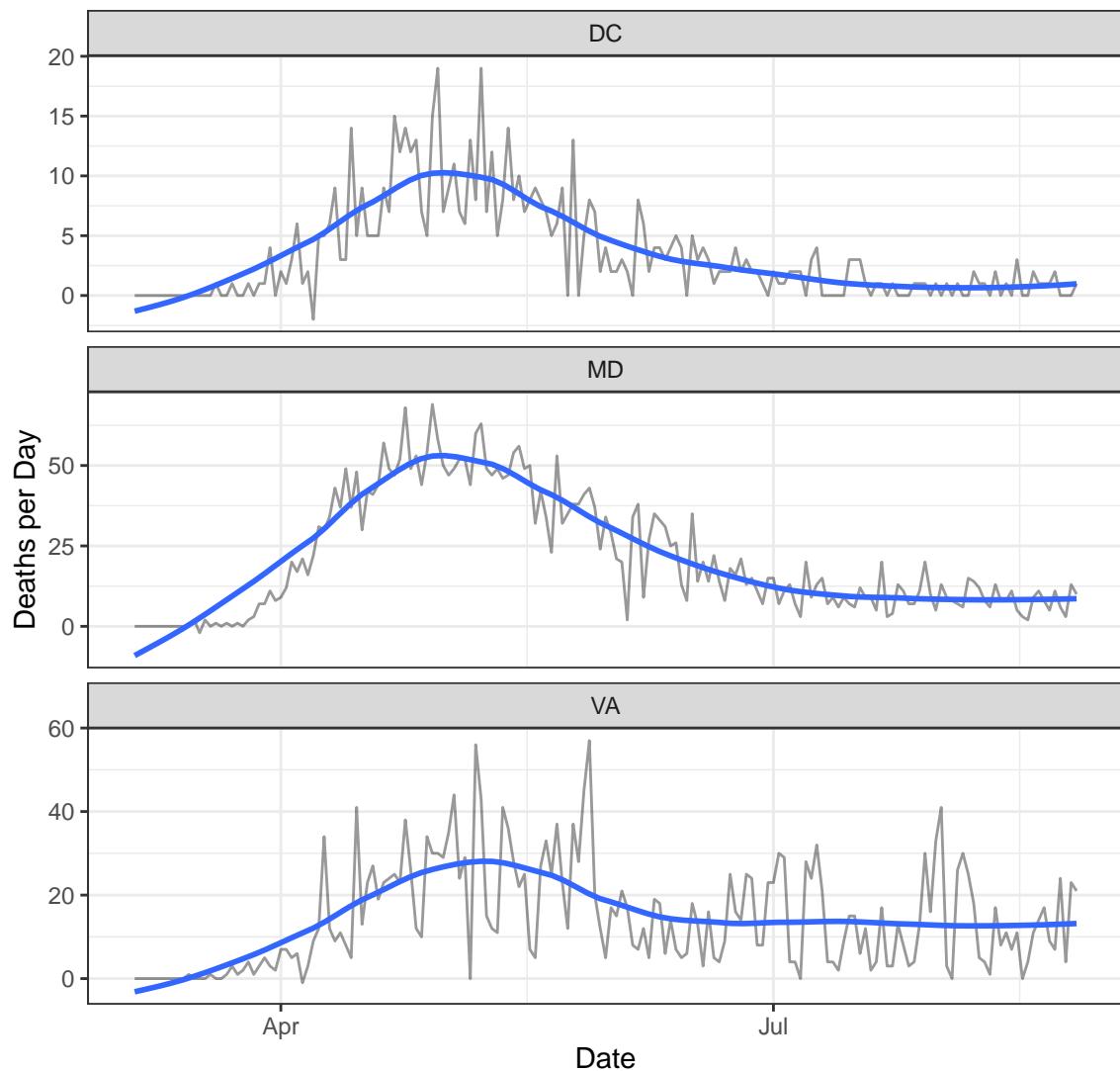
Table 3: Latest Local Data

State	Cases	Deaths	New Cases	New Deaths
DC	13,722	605	38	1
MD	105,486	3,717	440	10
VA	115,458	2,515	823	21

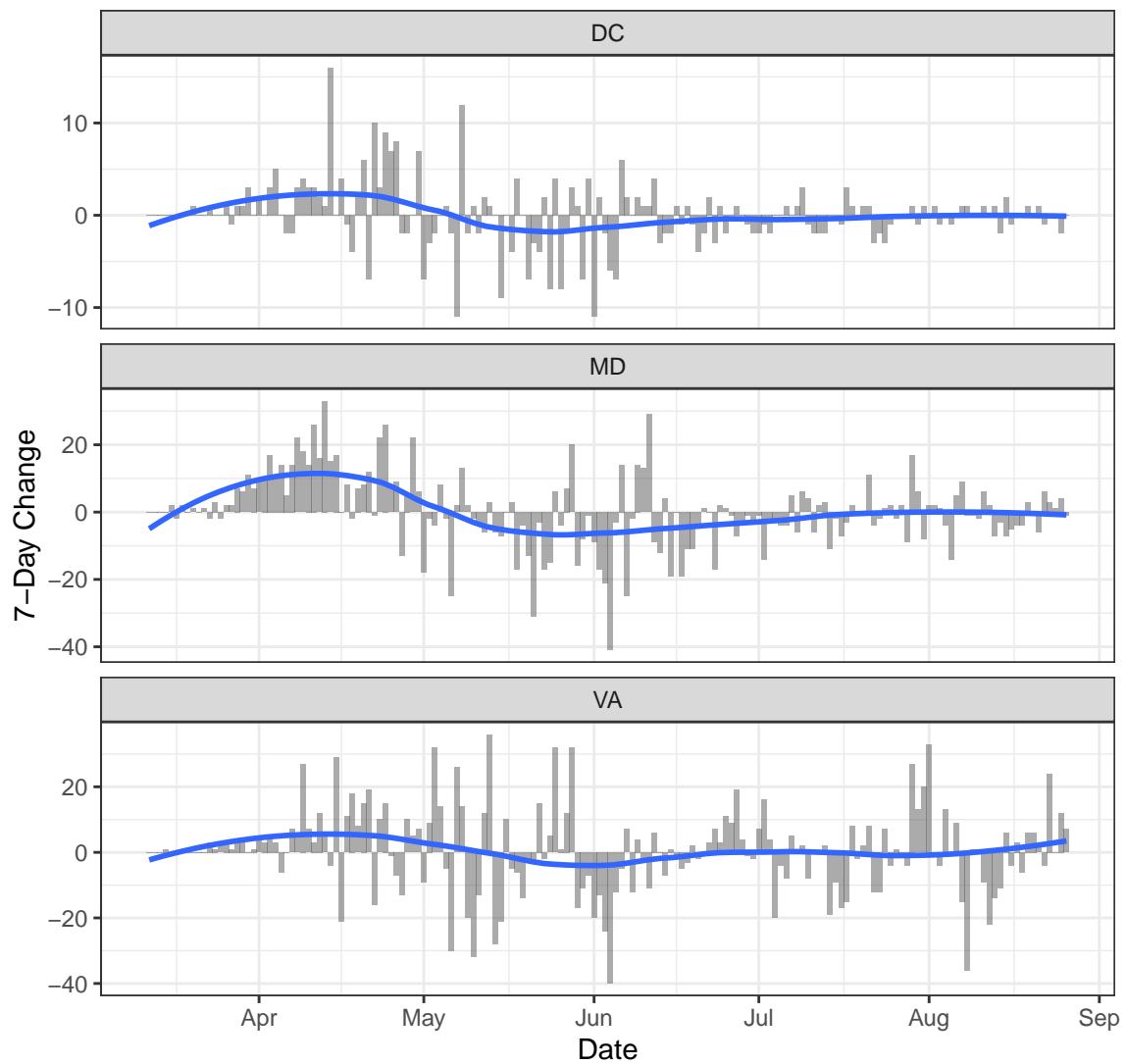
Deaths

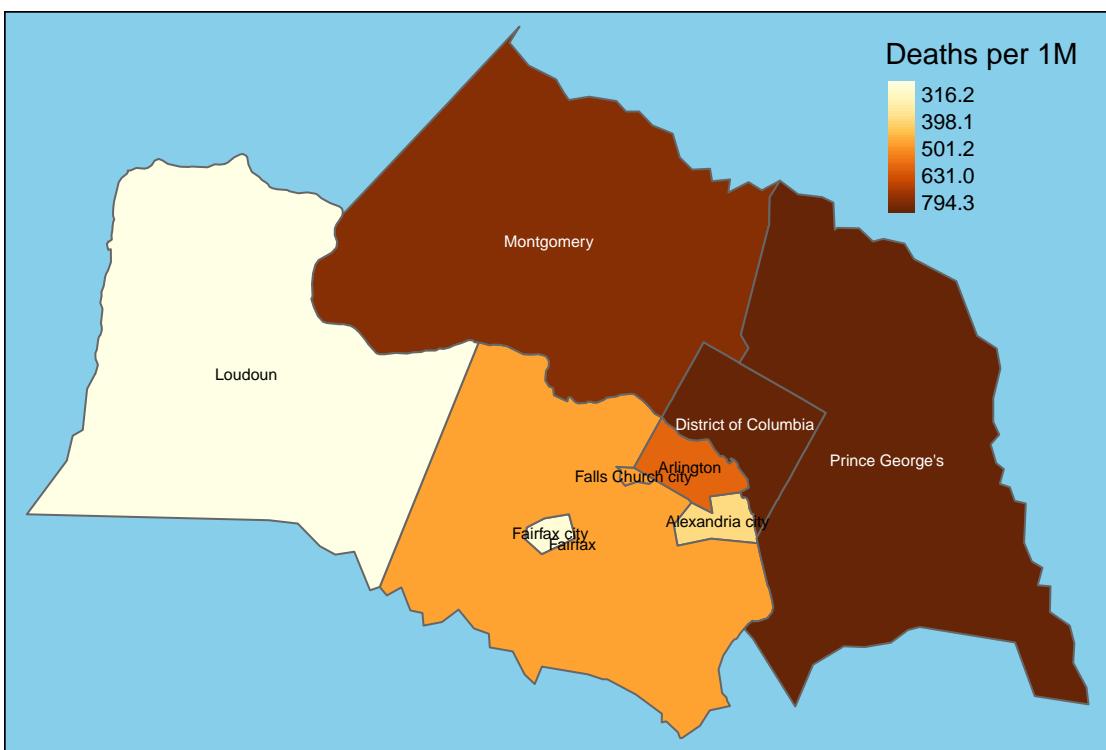
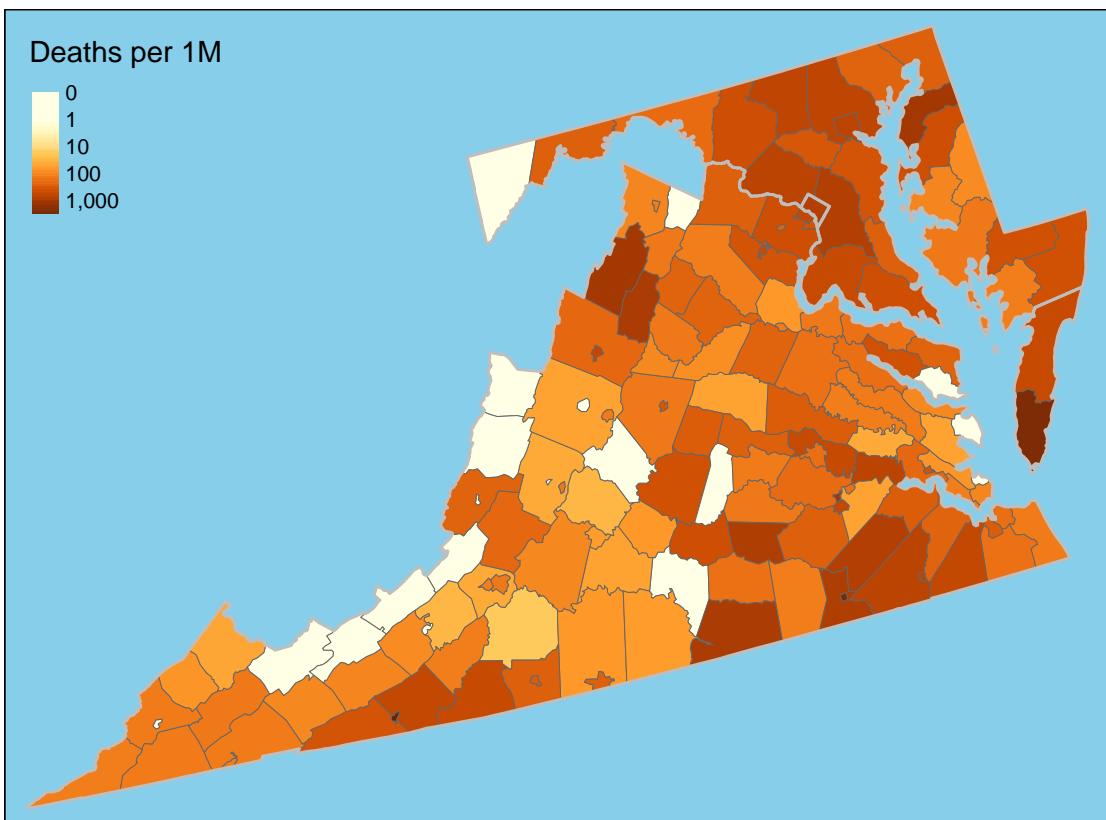


New Deaths

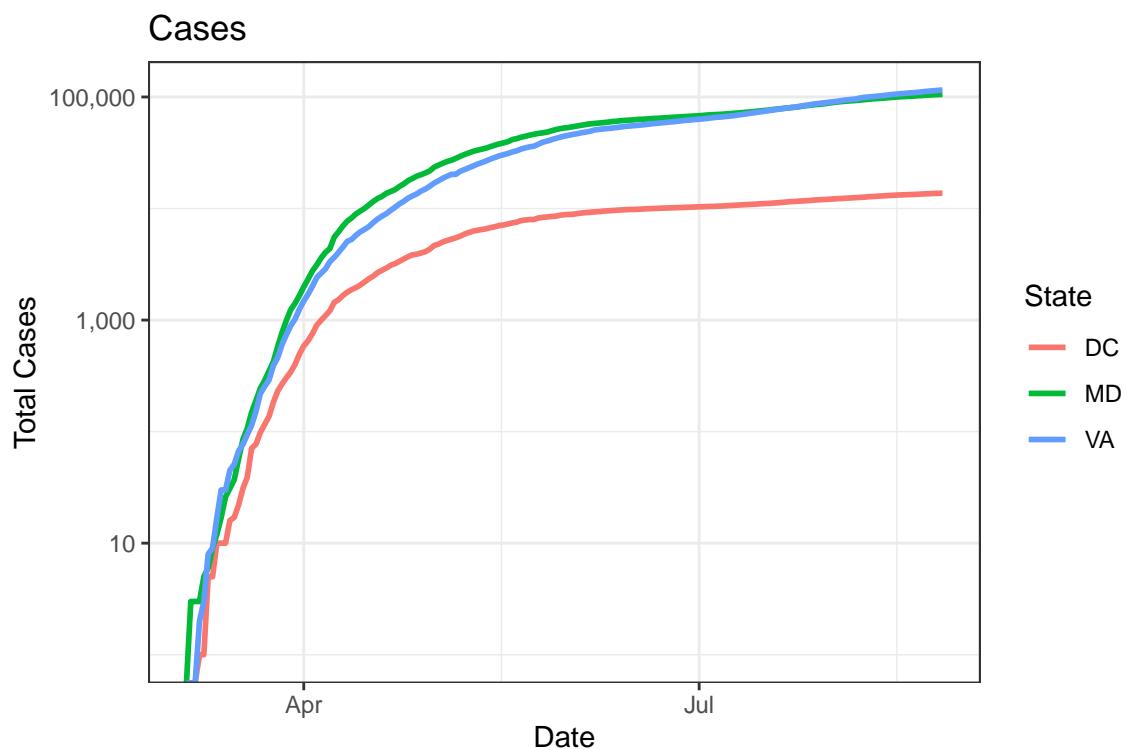


One-Week Change in Daily Deaths

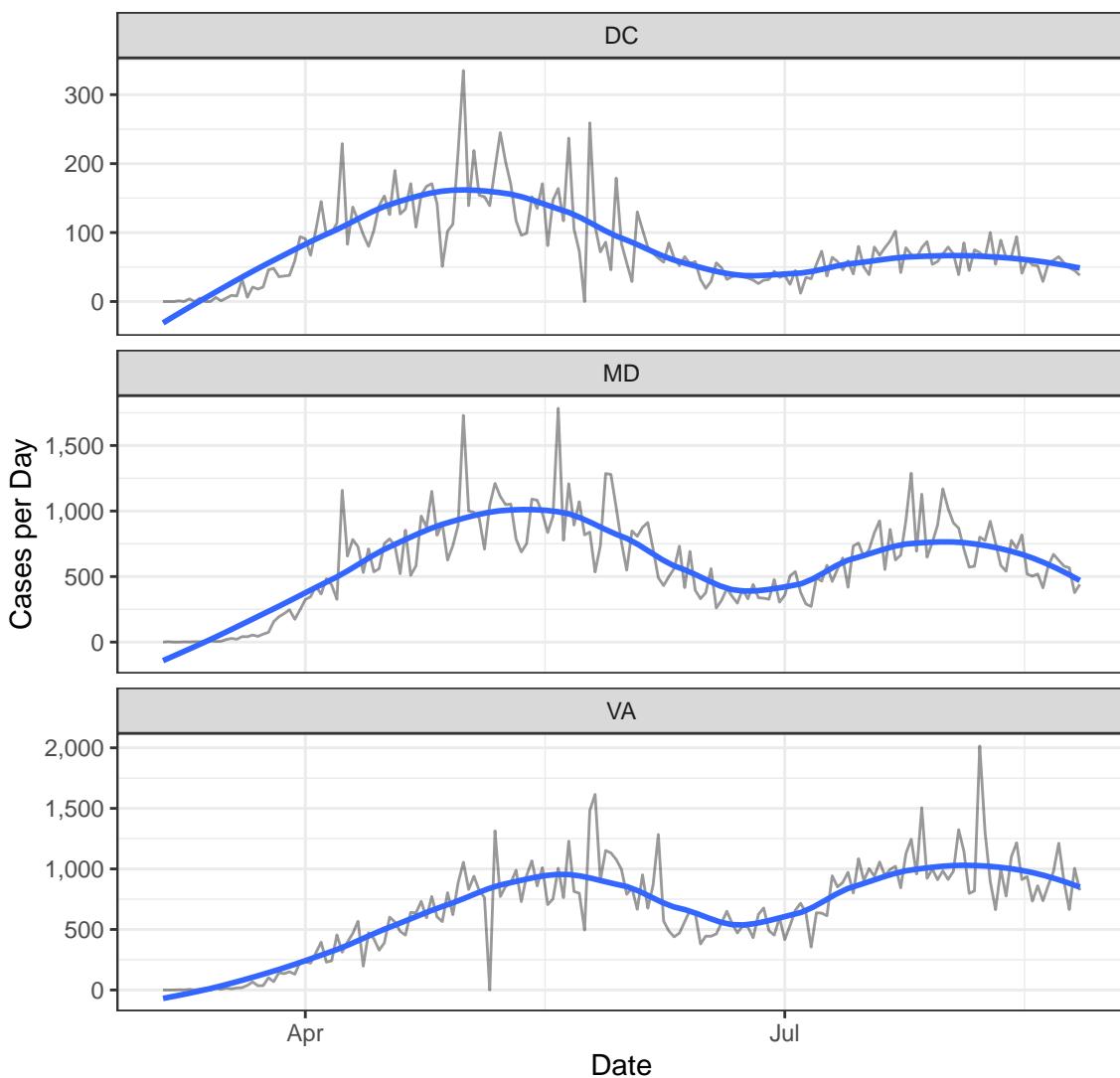




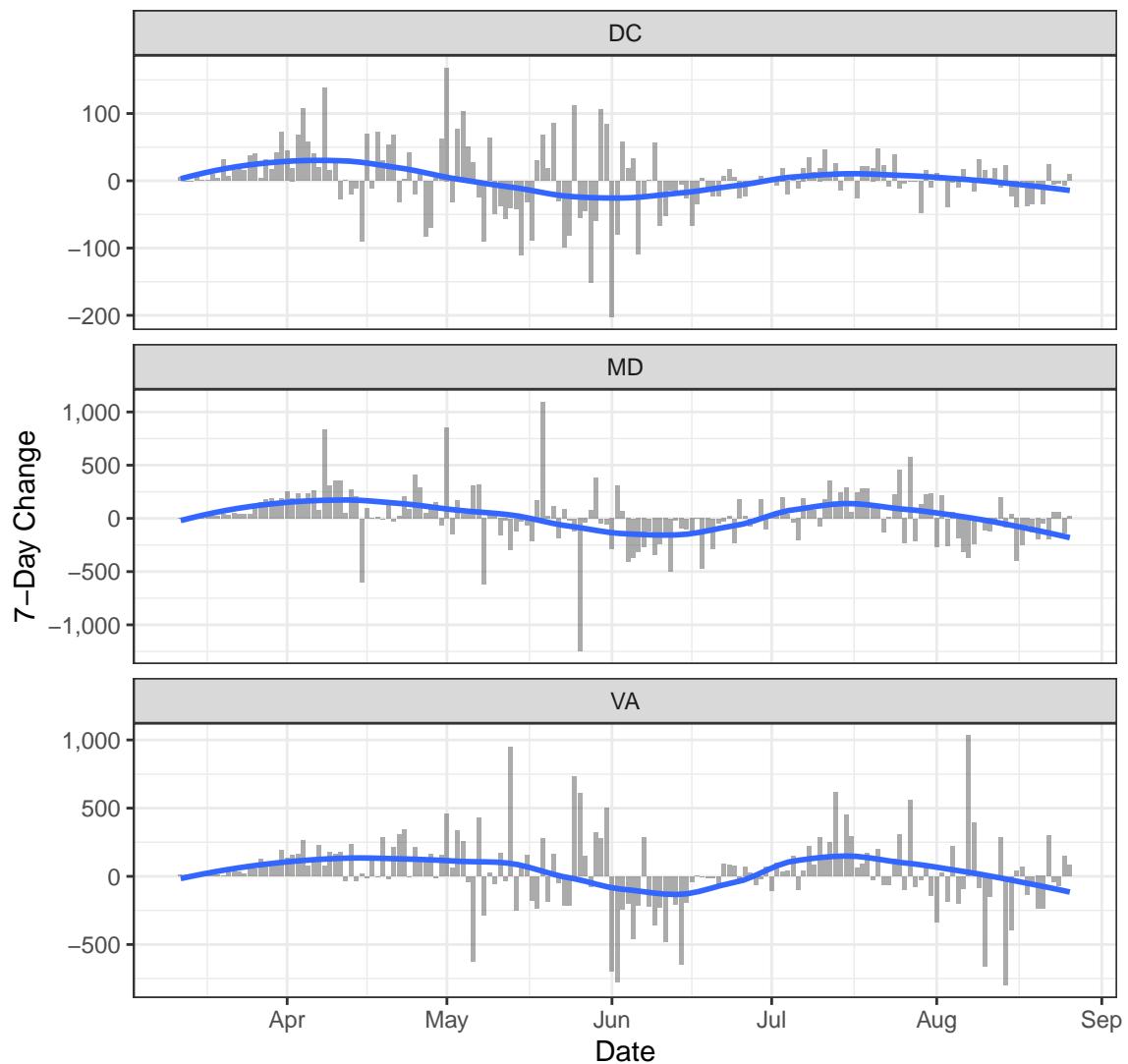
Cases

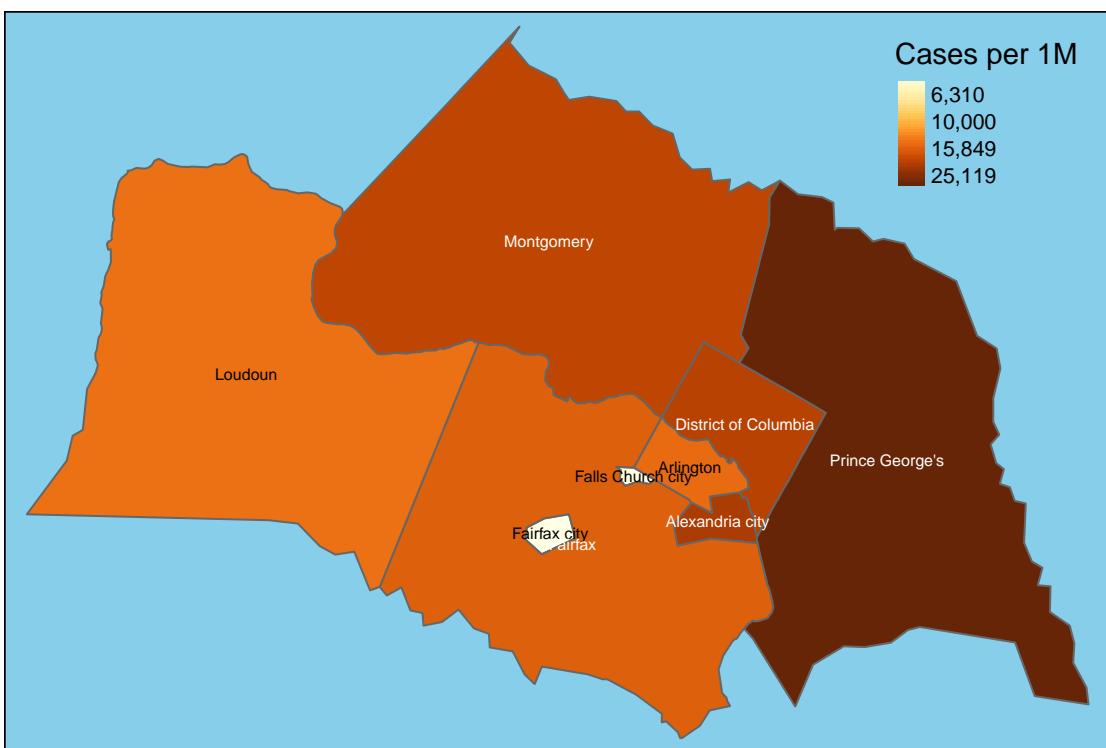
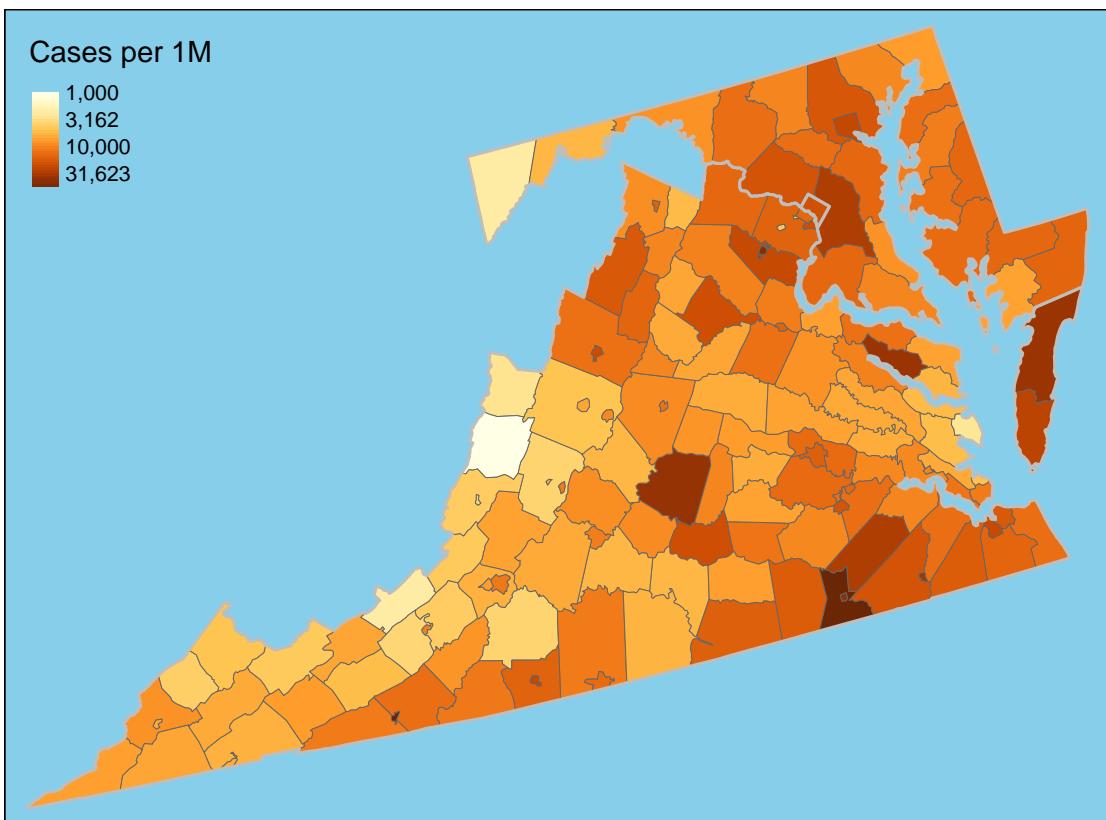


New Cases

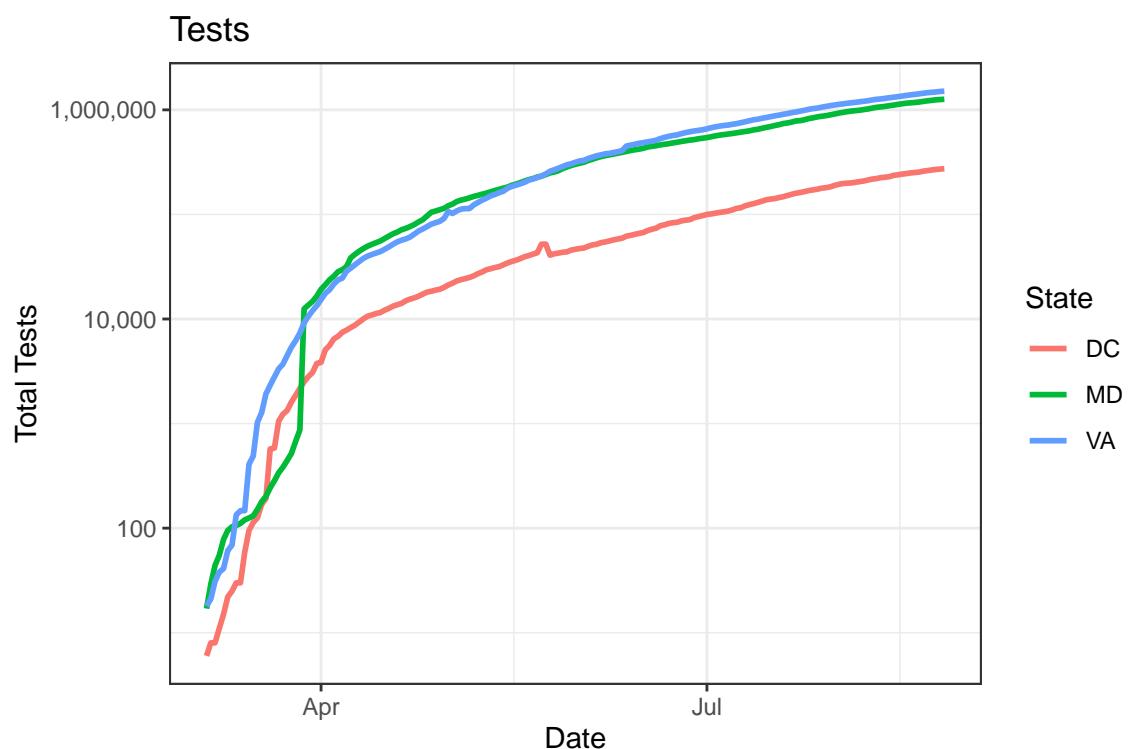


One-Week Change in Daily Cases

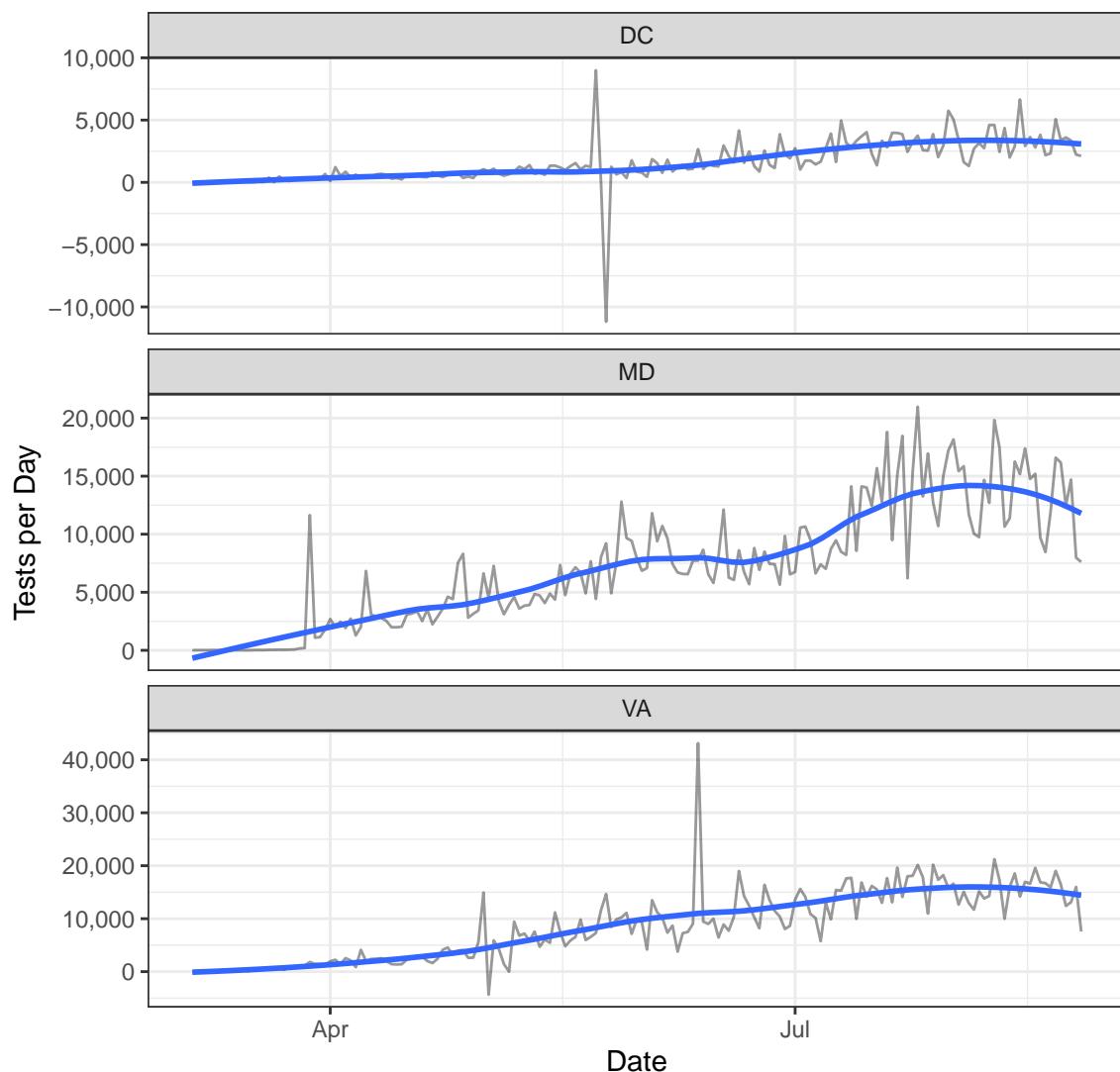




Testing



New Tests



Positive Test Rate

