

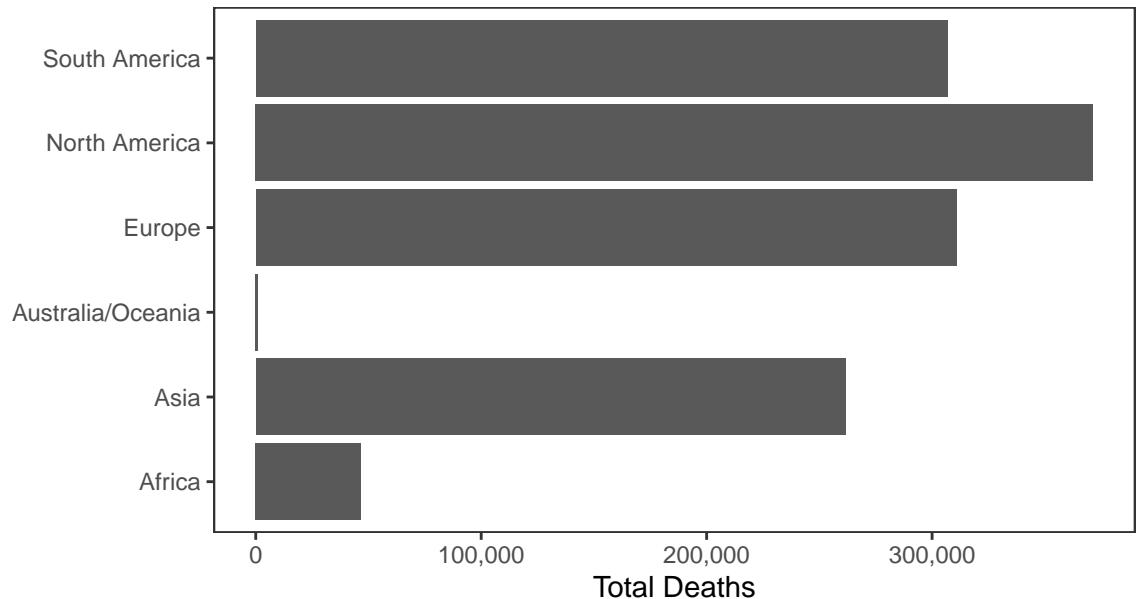
Erik's Covid-19 Chart Pack

Data updated 2020-11-13 05:54:02. 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 53,076,769 confirmed Covid-19 cases and 1,298,596 deaths worldwide.

Deaths



Cases

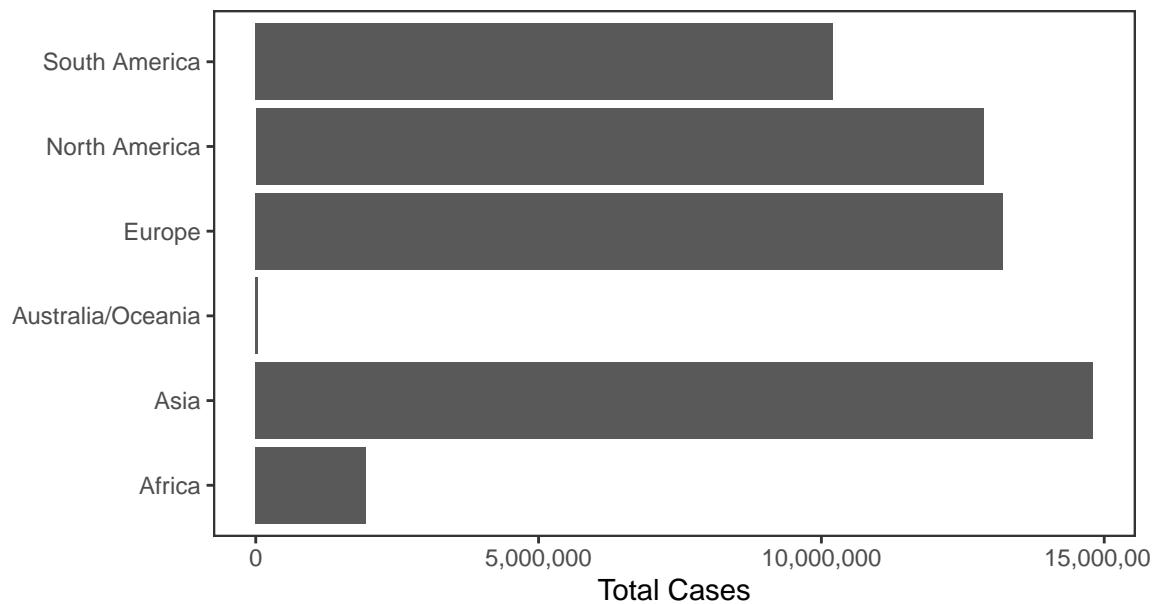
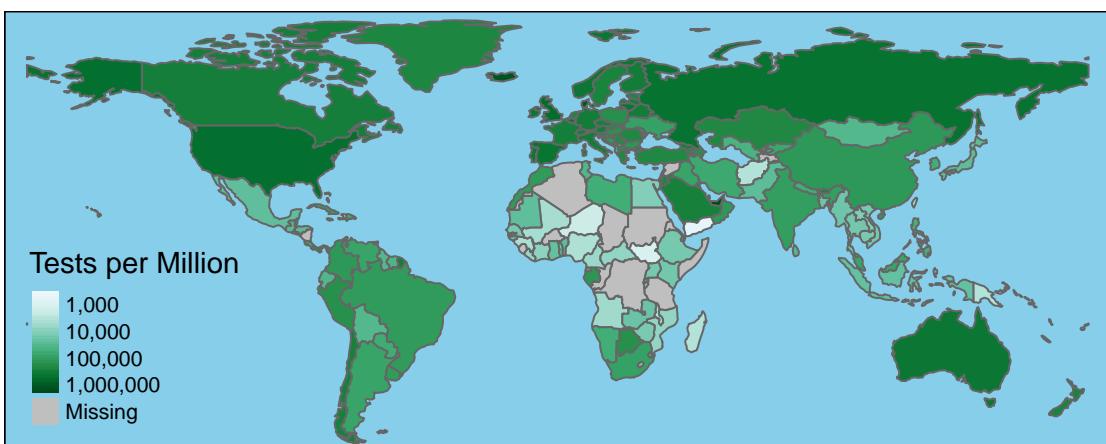
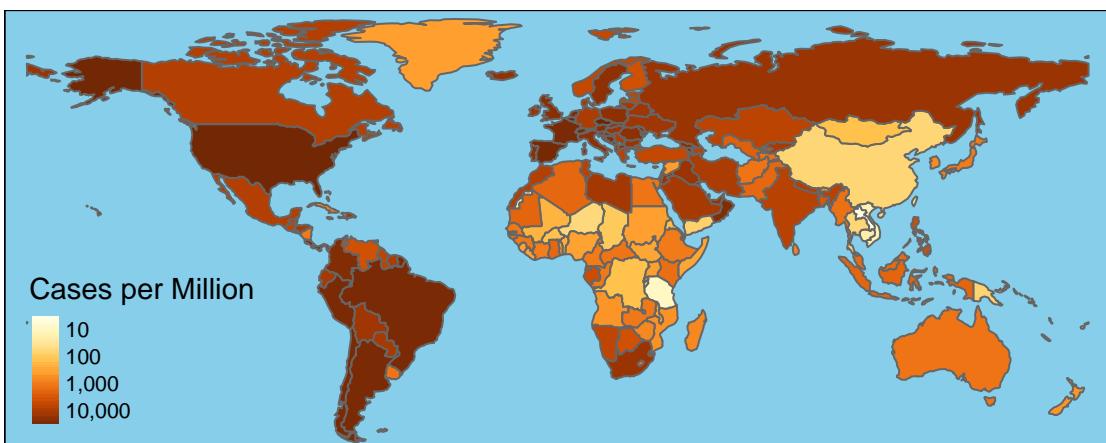
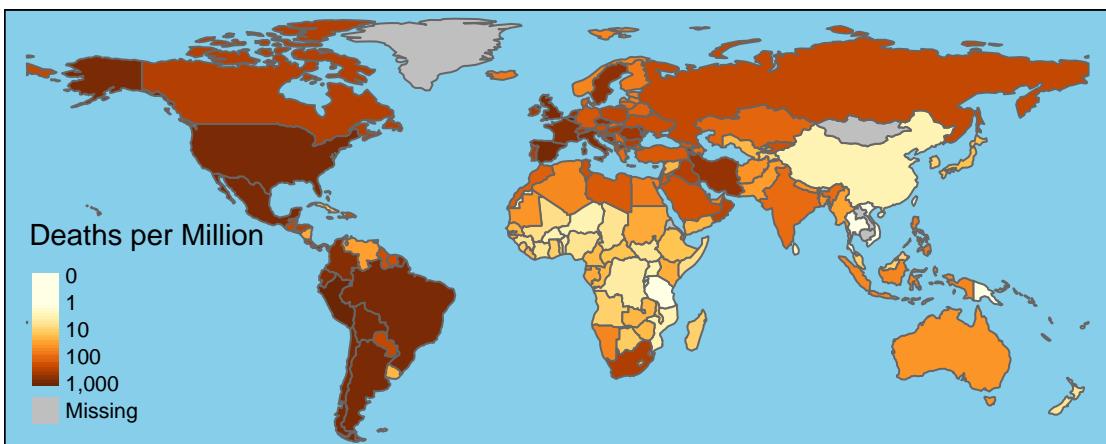


Table 1: Top Countries by Total Cases

Country	Cases	Deaths	New Cases	New Deaths
USA	10,873,936	248,585	161,541	1,190
India	8,727,900	128,686	43,861	521
Brazil	5,783,647	164,332	34,640	926
France	1,898,710	42,960	33,172	425
Russia	1,858,568	32,032	21,608	439
Spain	1,484,868	40,461	19,511	356
UK	1,290,195	50,928	33,470	563
Argentina	1,284,519	34,782	11,163	251
Colombia	1,174,012	33,491	8,686	179
Italy	1,066,401	43,589	37,978	636
Mexico	986,177	96,430	7,646	588
Peru	930,237	35,067	2,231	36
Germany	749,638	12,276	23,462	194
South Africa	744,732	20,076	2,338	65
Iran	726,585	40,121	11,517	457
Poland	641,496	9,080	22,683	275
Chile	526,438	14,699	1,634	66
Belgium	515,391	13,758	7,916	197
Iraq	511,806	11,532	3,298	50
Ukraine	500,865	9,145	11,057	198



National Data

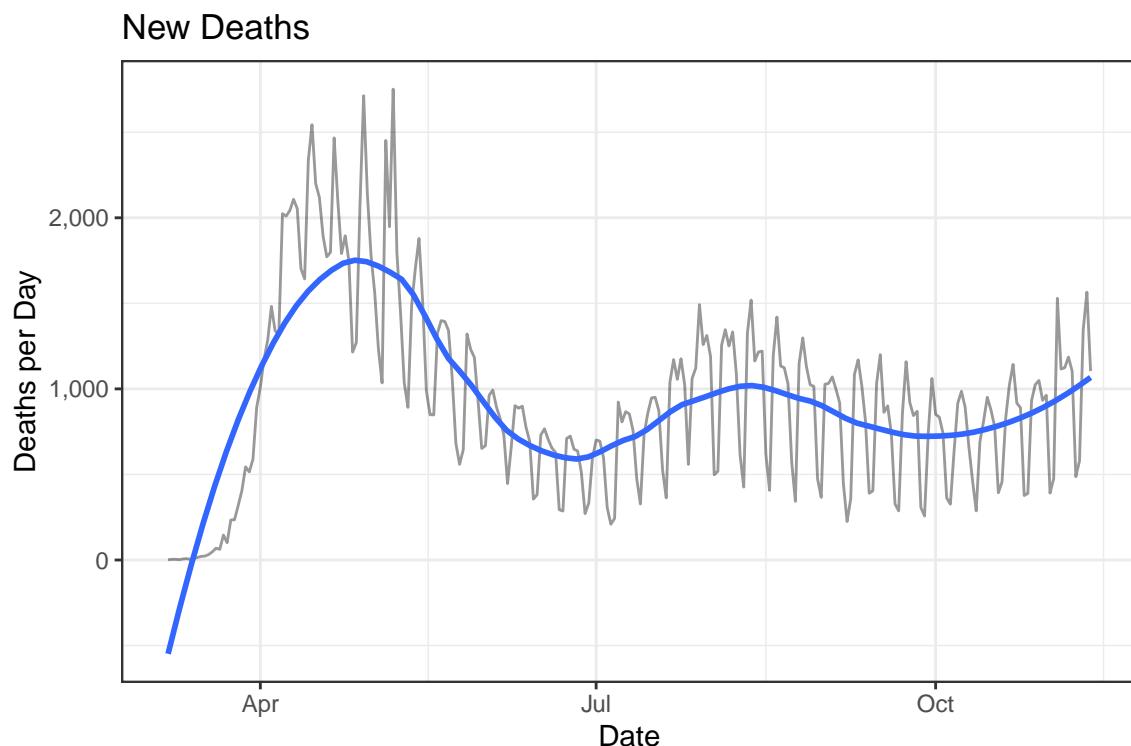
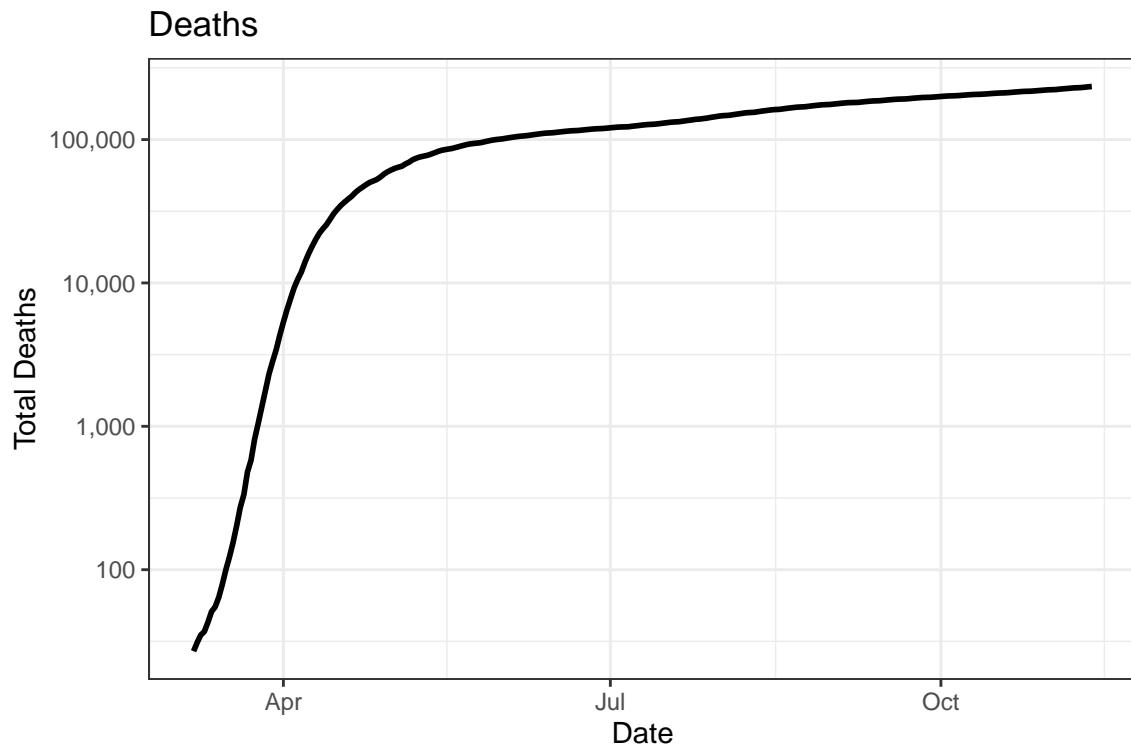
There have been 10,417,836 confirmed Covid-19 cases and 234,328 deaths in the United States.

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

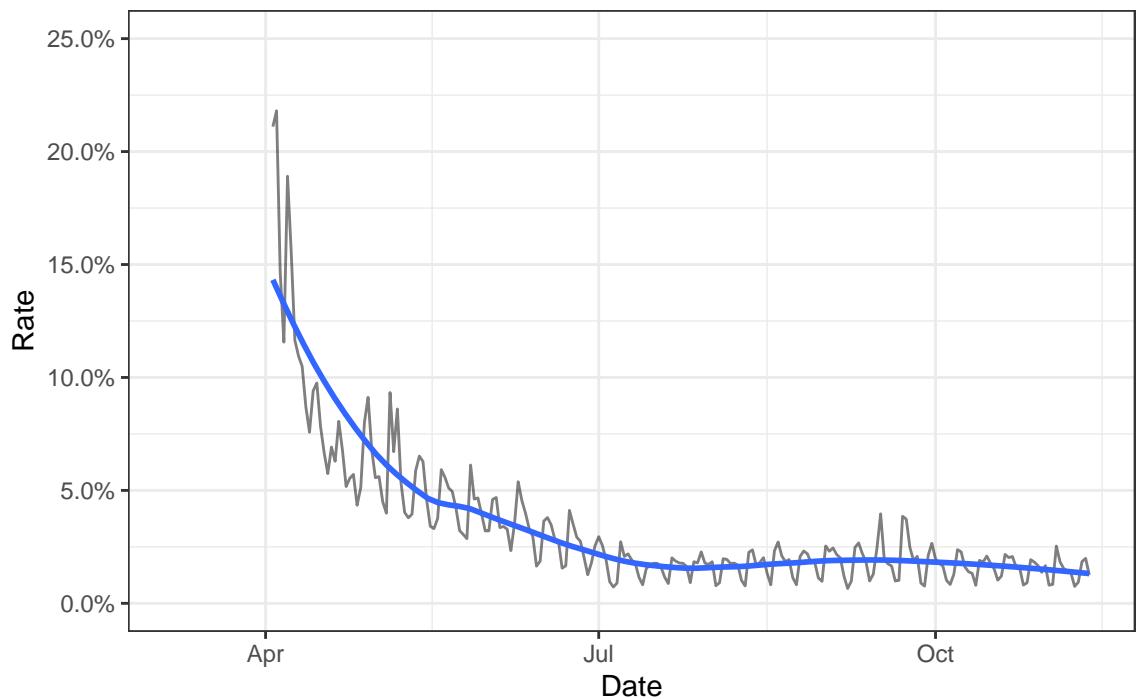
Date	Cases	Deaths	New Cases	New Deaths
2020-11-12	10,417,836	234,328	150,526	1,104
2020-11-11	10,267,310	233,224	144,499	1,565
2020-11-10	10,122,811	231,659	130,989	1,347
2020-11-09	9,991,822	230,312	118,708	580
2020-11-08	9,873,114	229,732	110,838	487
2020-11-07	9,762,276	229,245	129,191	1,104
2020-11-06	9,633,085	228,141	125,252	1,186
2020-11-05	9,507,833	226,955	116,153	1,124
2020-11-04	9,391,680	225,831	103,067	1,116
2020-11-03	9,288,613	224,715	86,081	1,529
2020-11-02	9,202,532	223,186	82,248	476
2020-11-01	9,120,284	222,710	74,051	391
2020-10-31	9,046,233	222,319	90,492	963
2020-10-30	8,955,741	221,356	96,709	933

Deaths

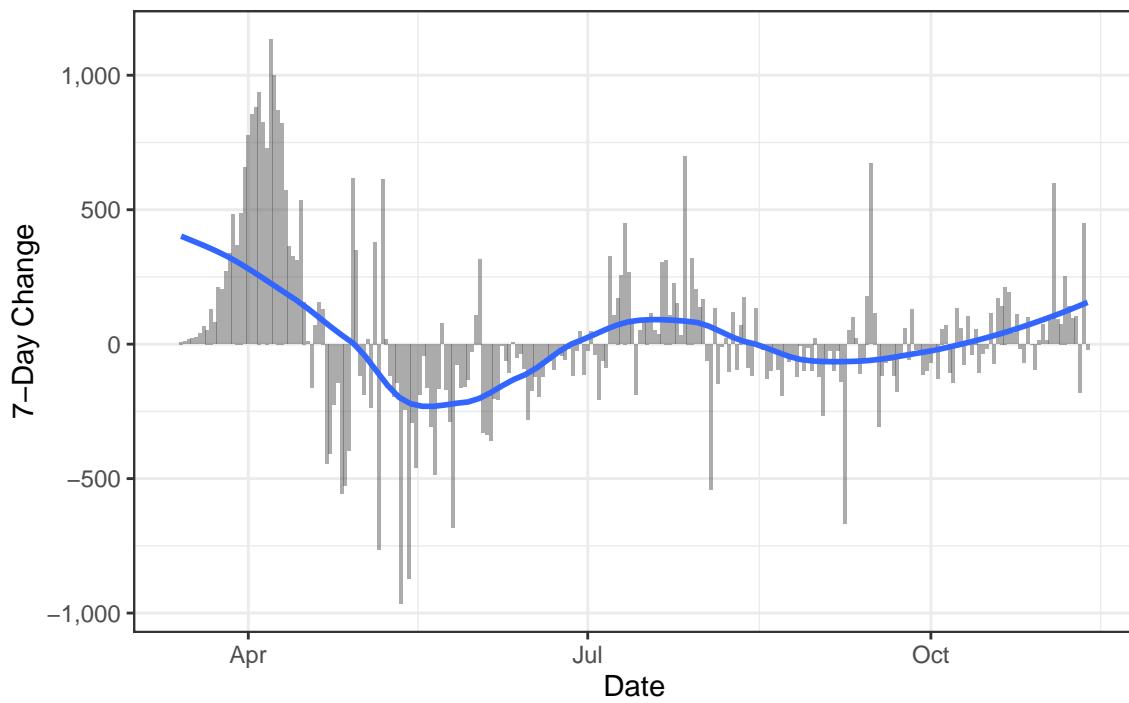
Because the effects of the virus can take several weeks to manifest in patients, deaths are a lagging indicator of contagion, but they may be a more reliable than case counts, which are a function of both the prevalence of the disease and the rate of testing. The case mortality rate is a very crude indicator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

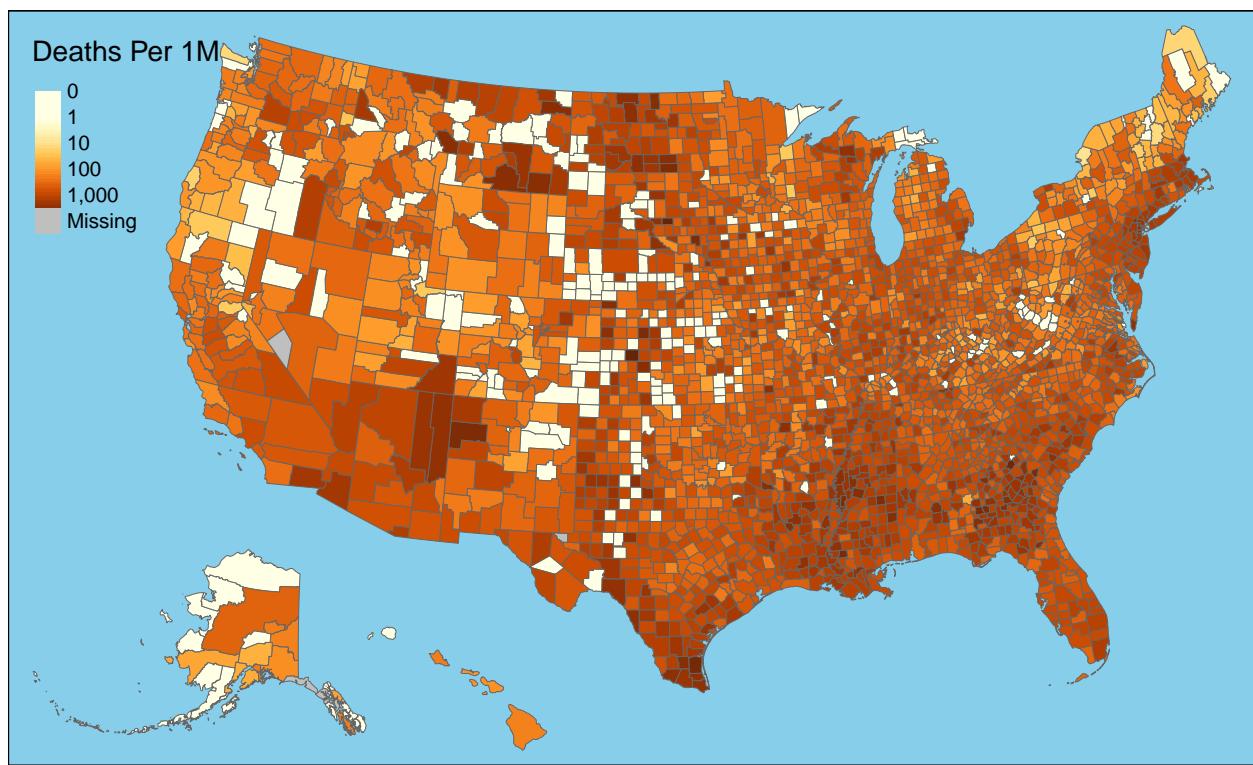


Daily Case Mortality Rate



One-Week Change in Daily Deaths

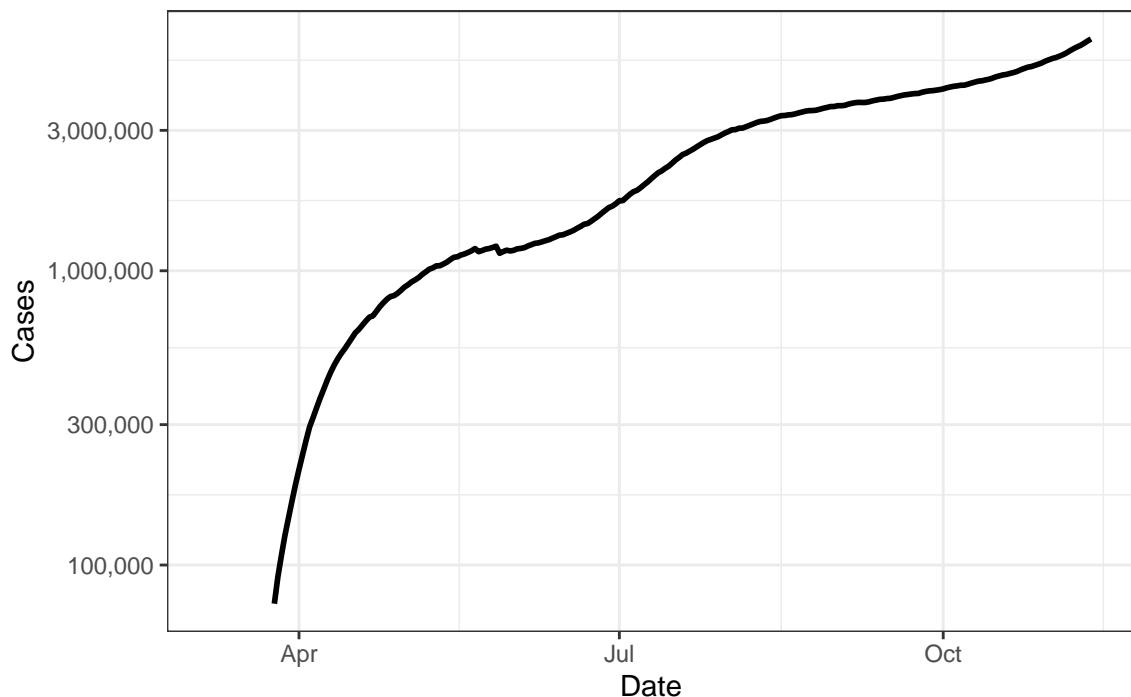




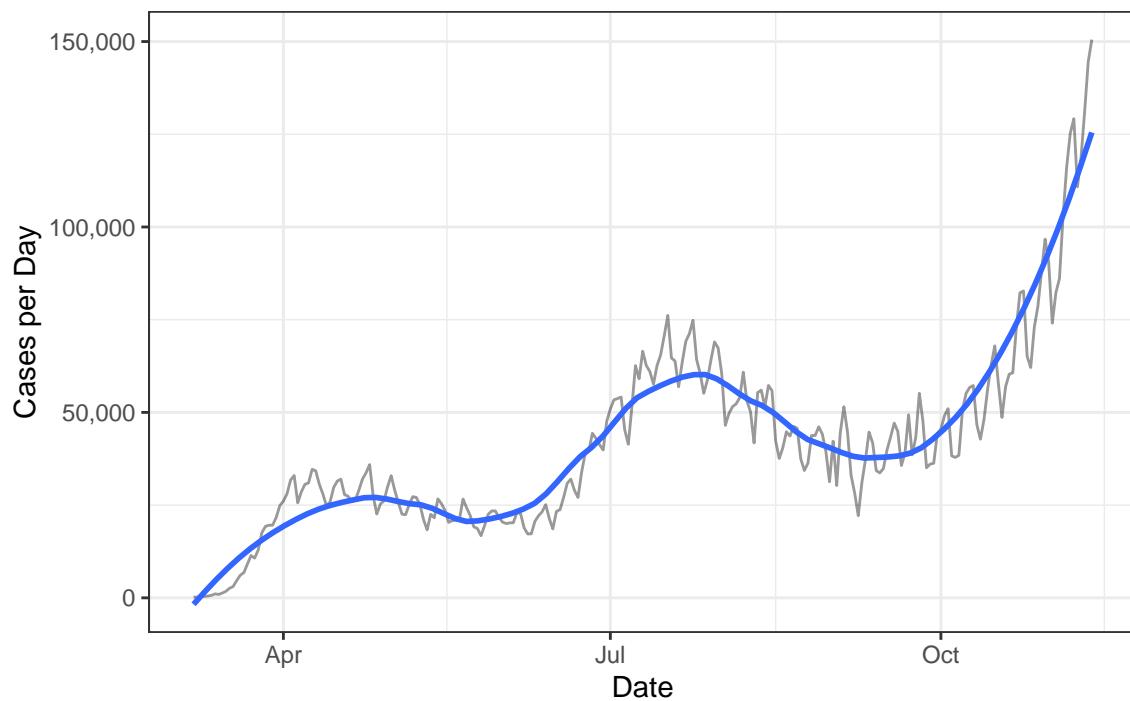
Cases

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

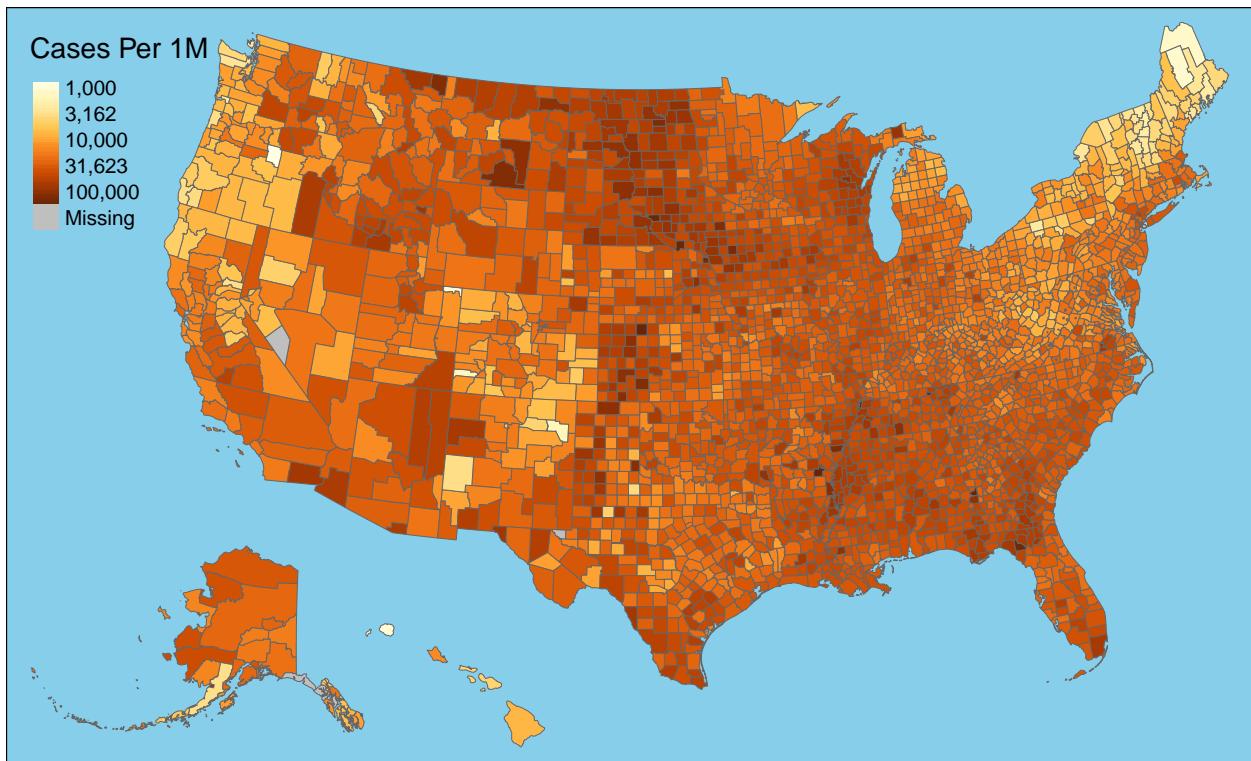
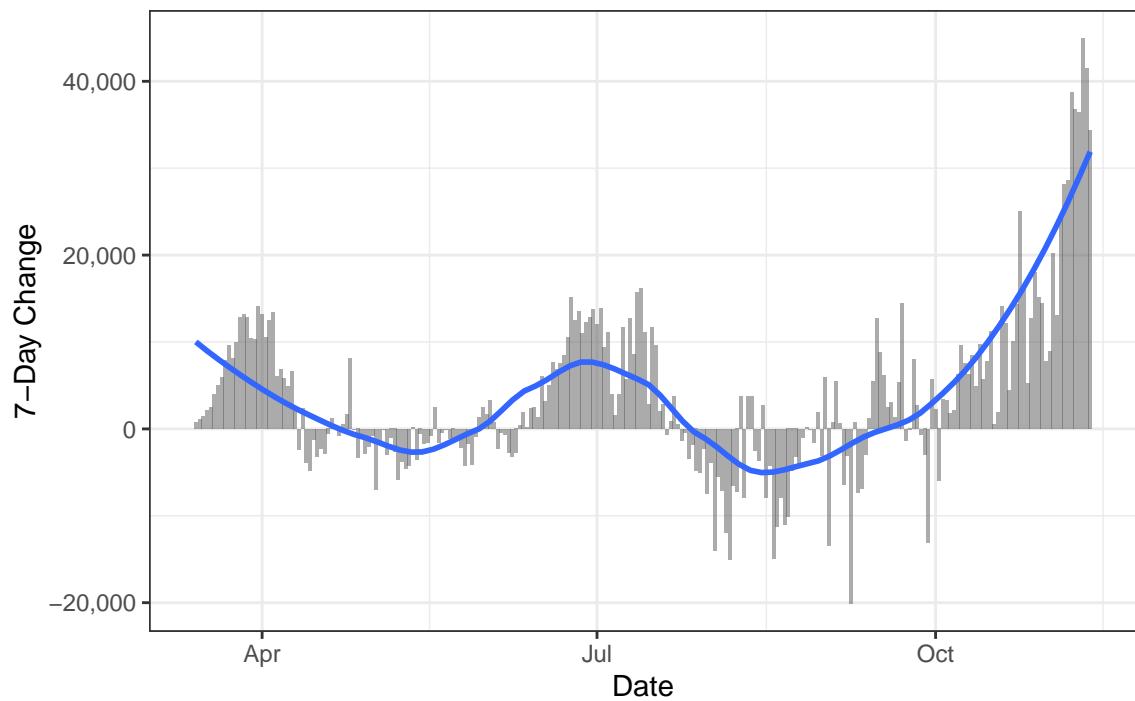
Active Cases



New Cases

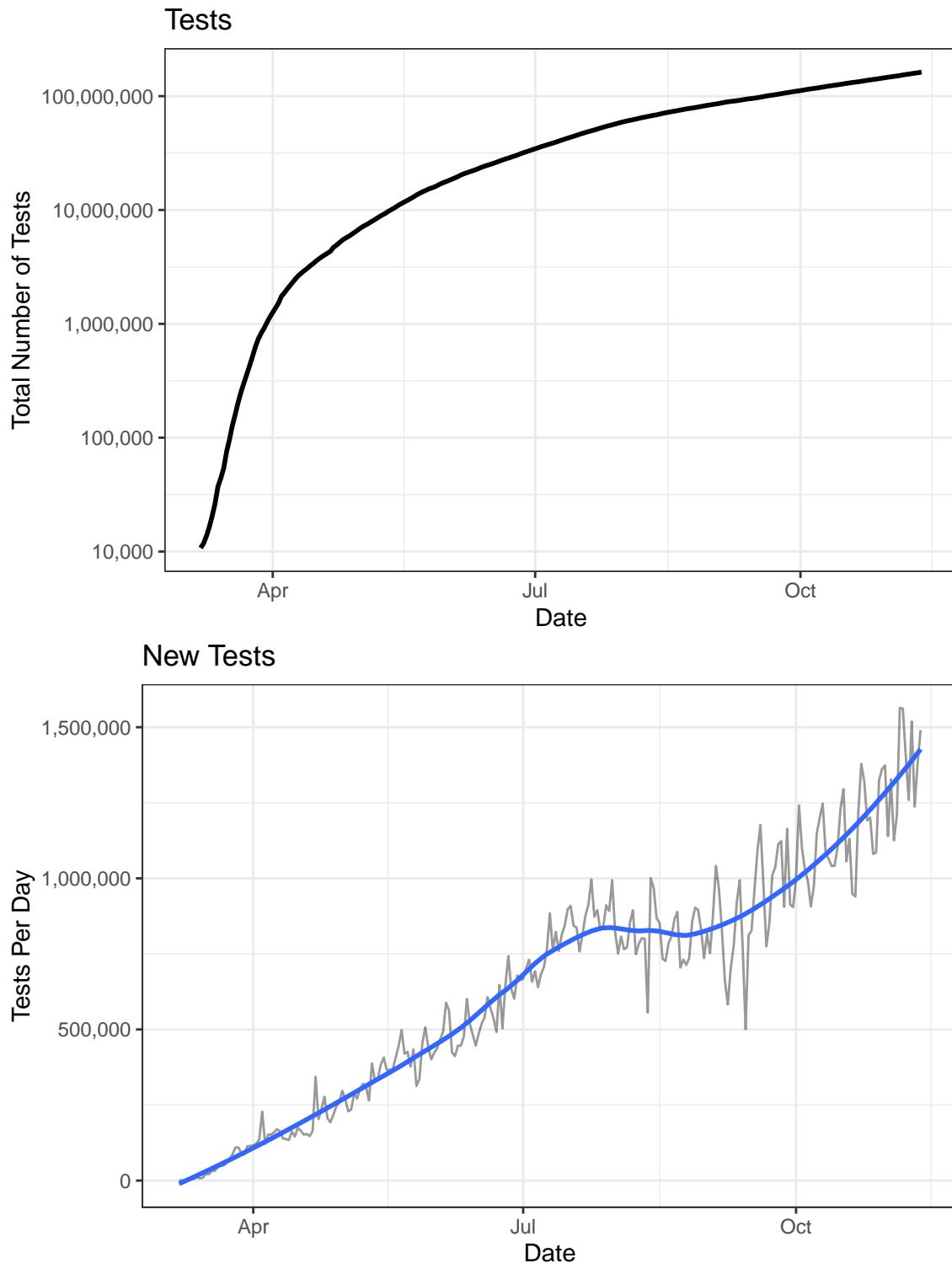


One-Week Change in Daily Cases

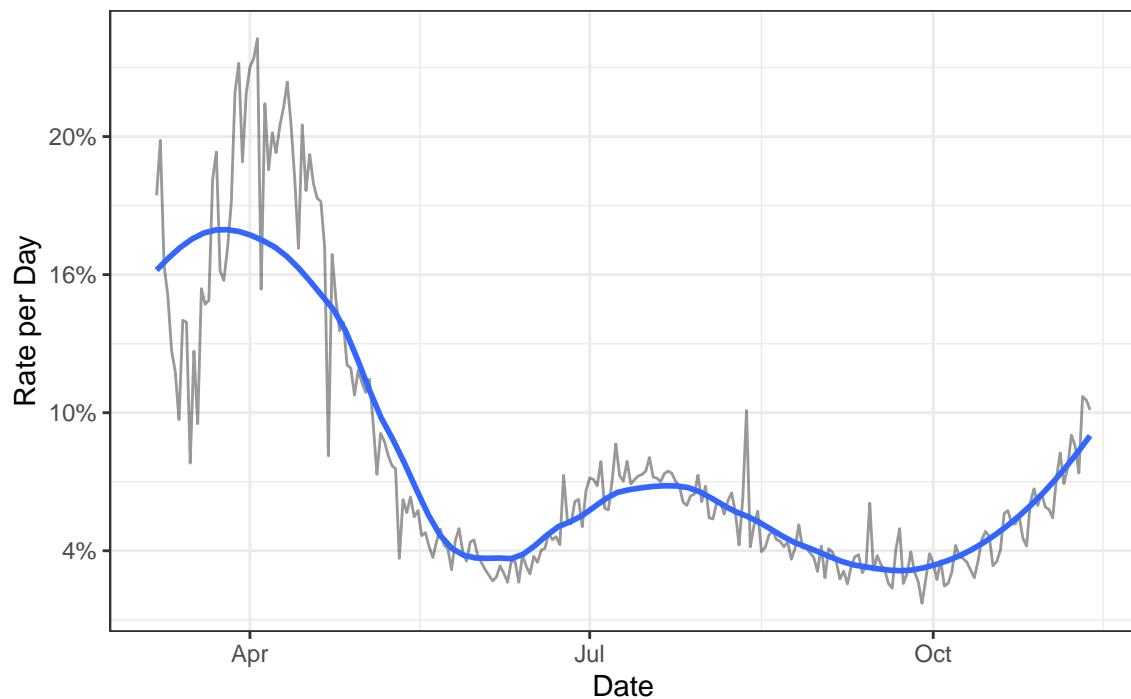


Testing

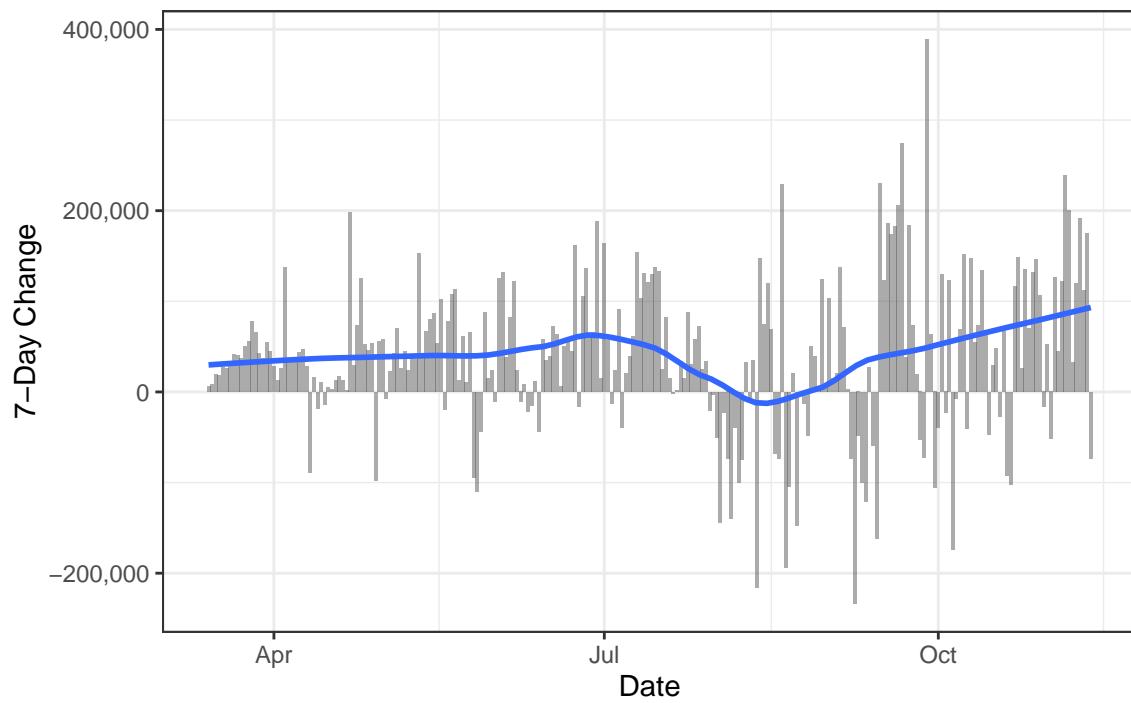
Widespread testing is necessary for managing the spread of the disease. The following charts show how testing in the United States has changed over time. When the supply of available tests is limited, they are typically only used for patients whose symptoms suggest they are likely to have contracted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



Positive Test Rate



One-Week Change in Daily Tests

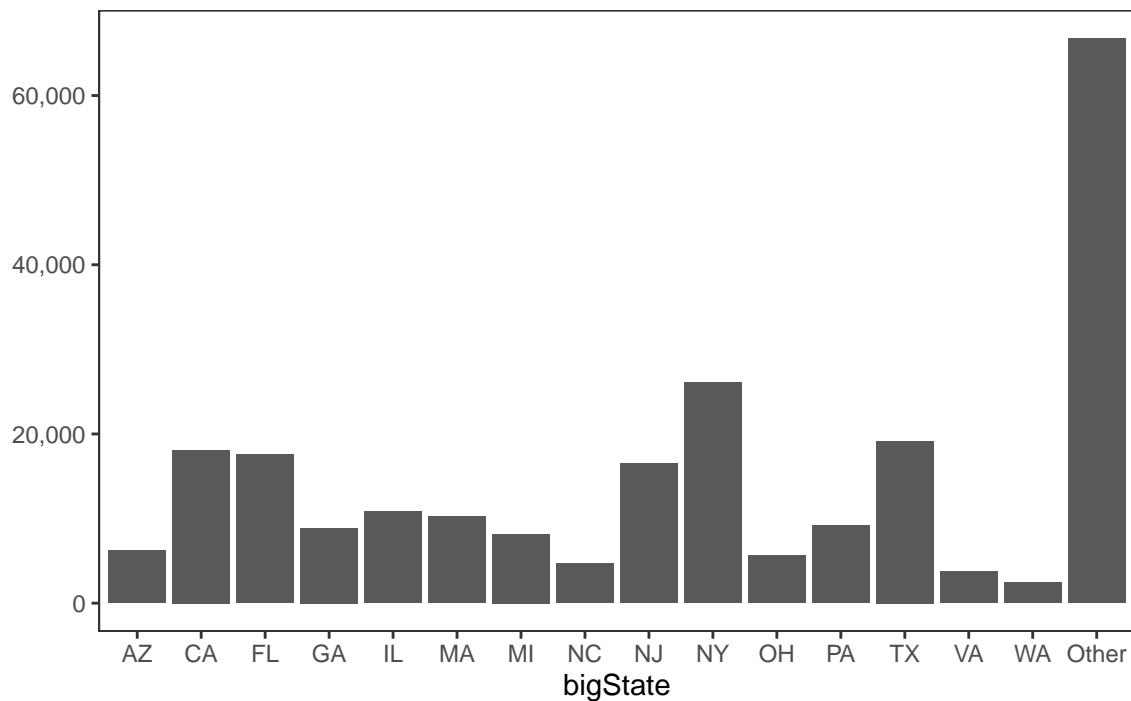


State Data

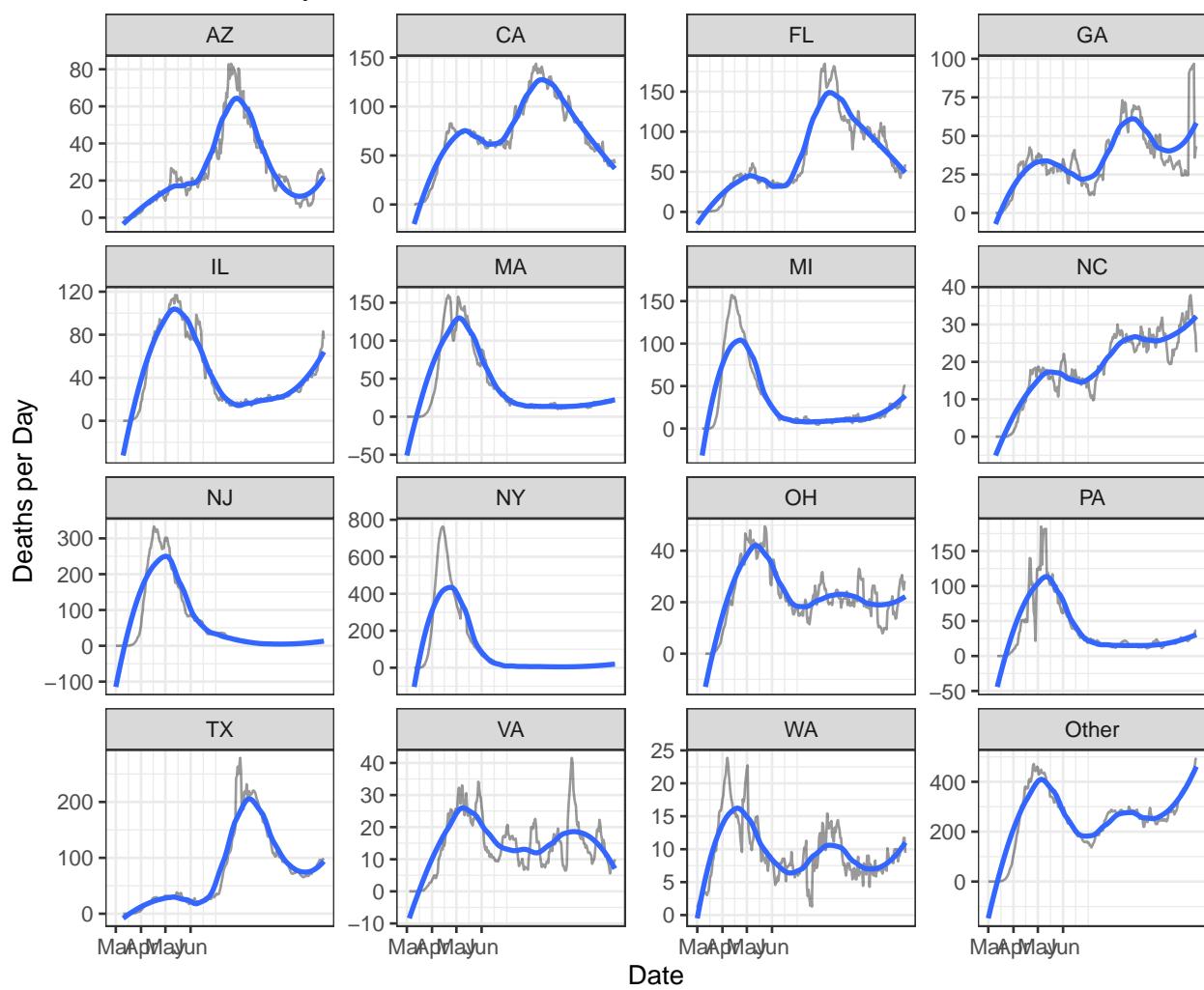
This section summarizes state-level data. Most data are reported for the largest 15 states by population, which account for NaN percent of the total U.S. population.

Deaths

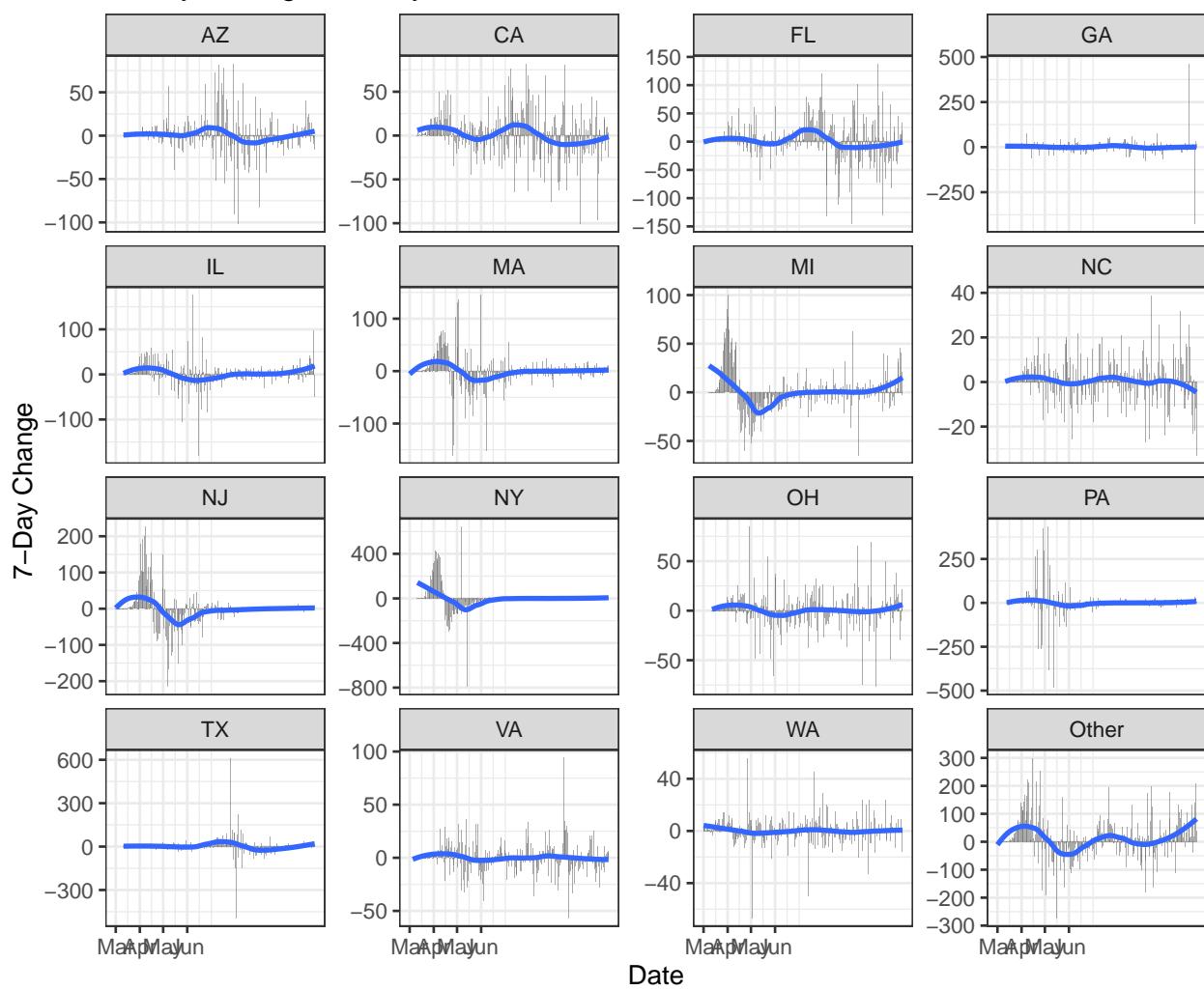
Deaths by State

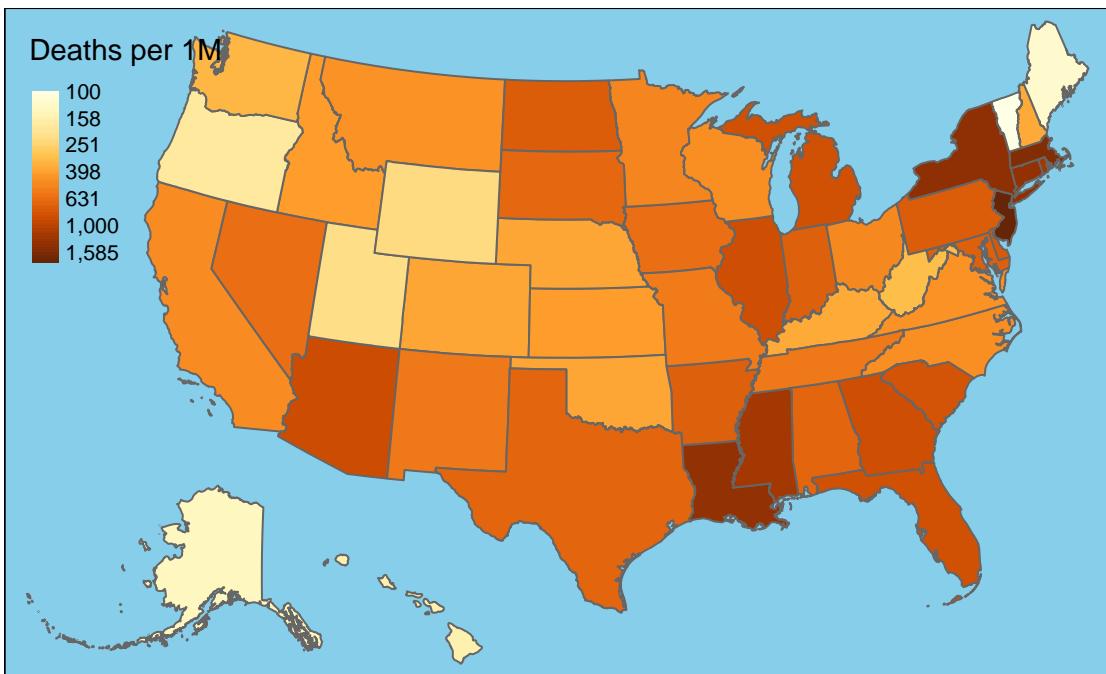
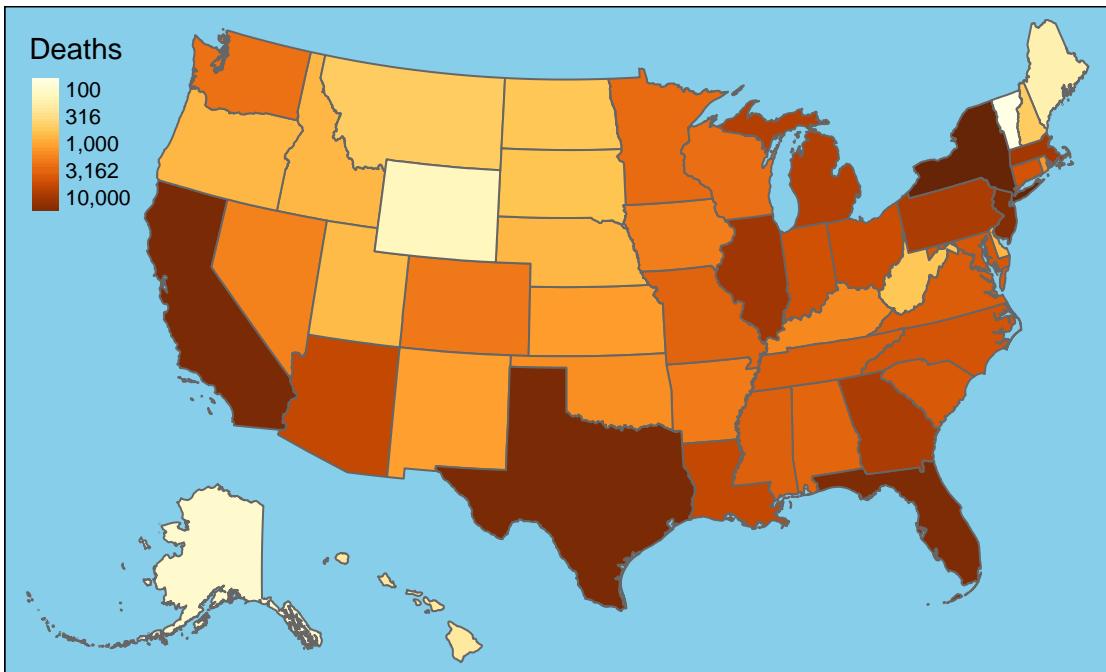


New Deaths by State



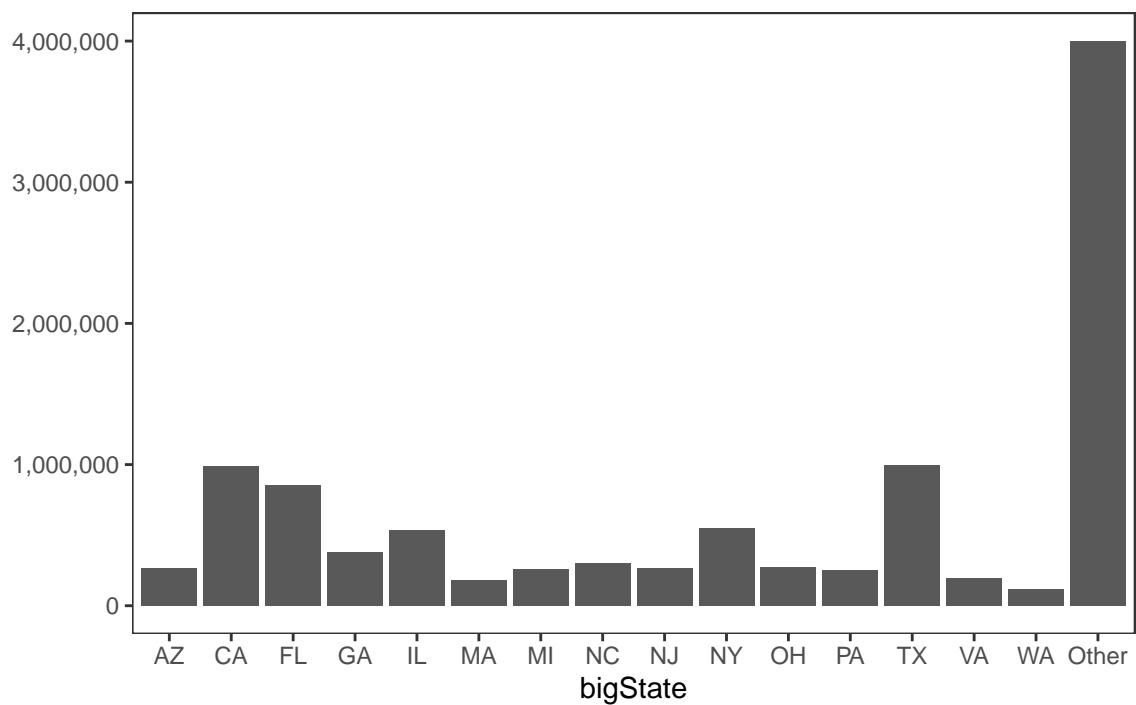
7-Day Change in Daily Deaths



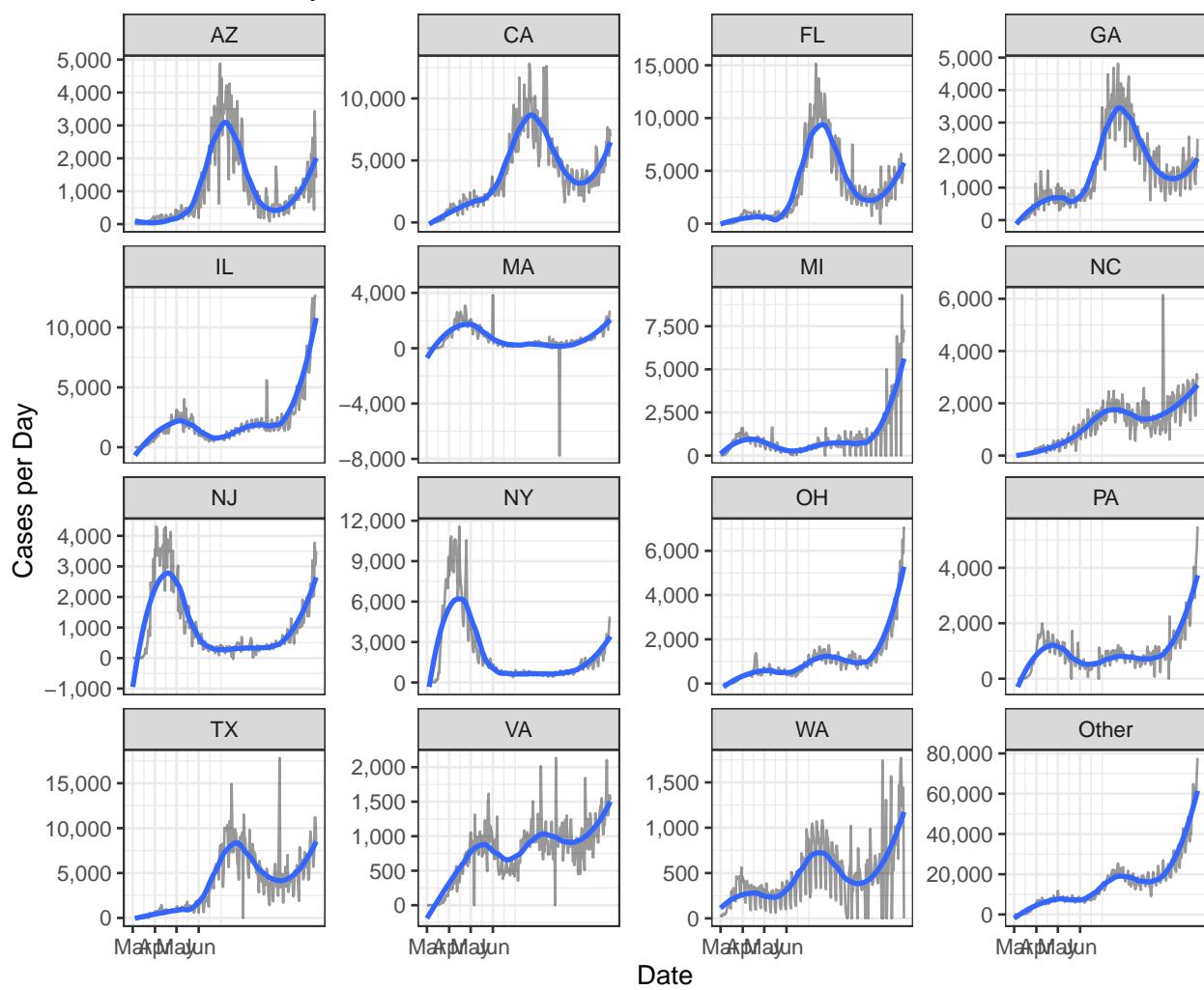


Cases

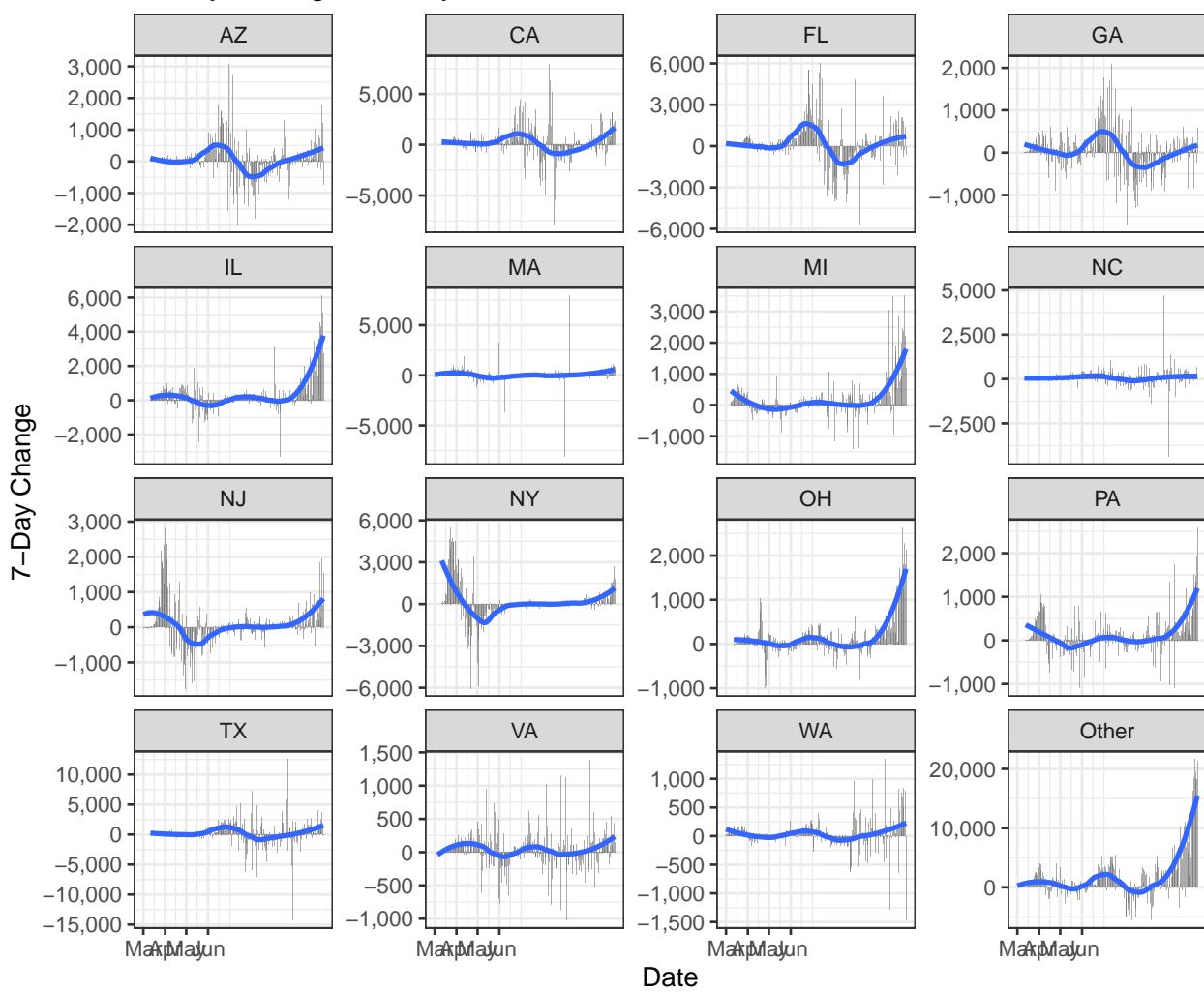
Cases by State

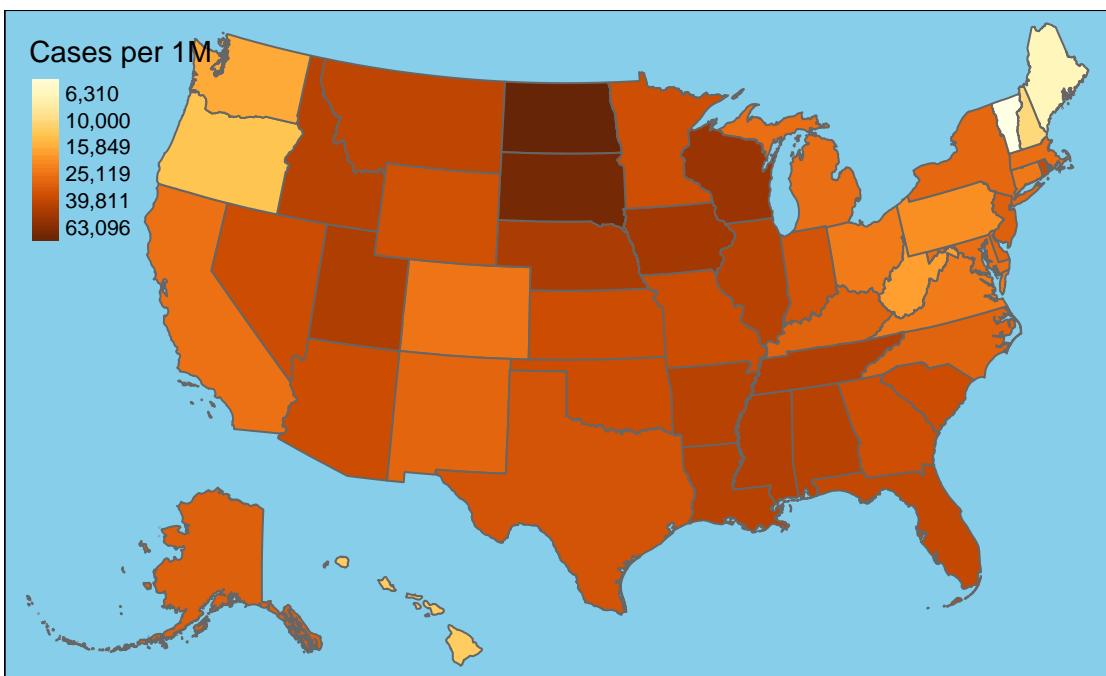
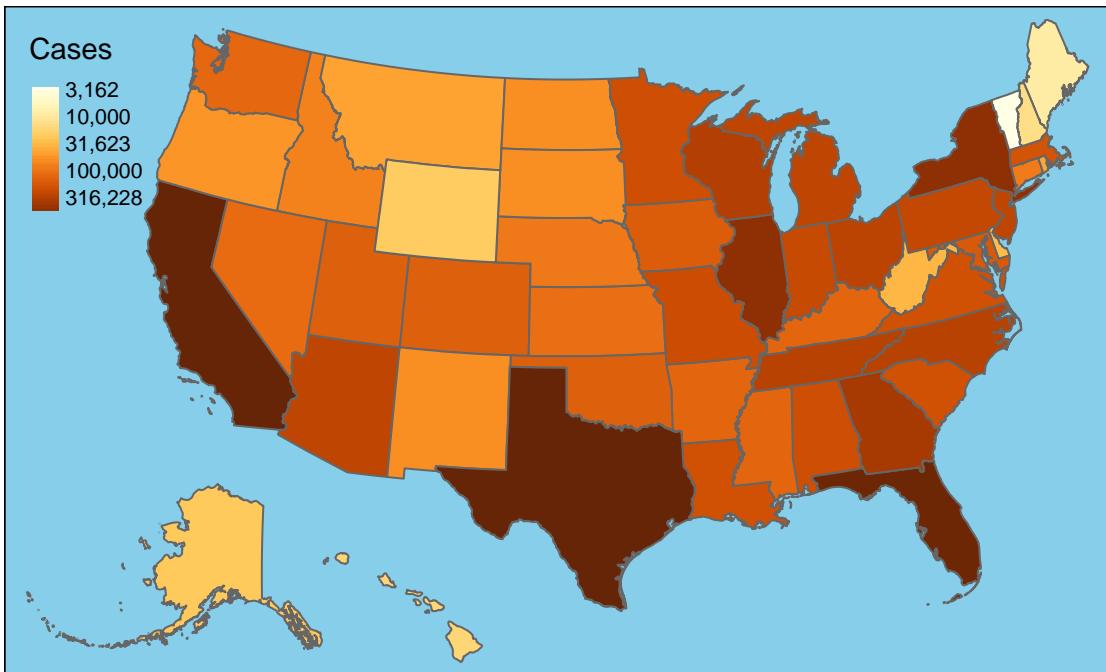


New Cases by State



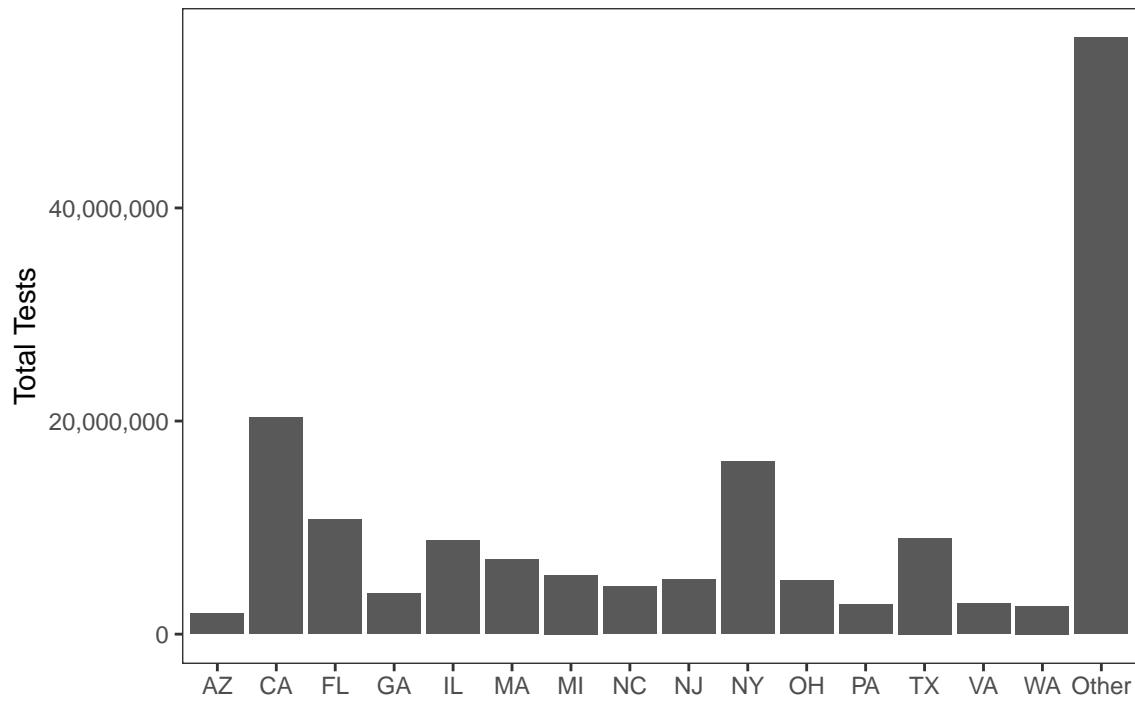
7-Day Change in Daily Cases



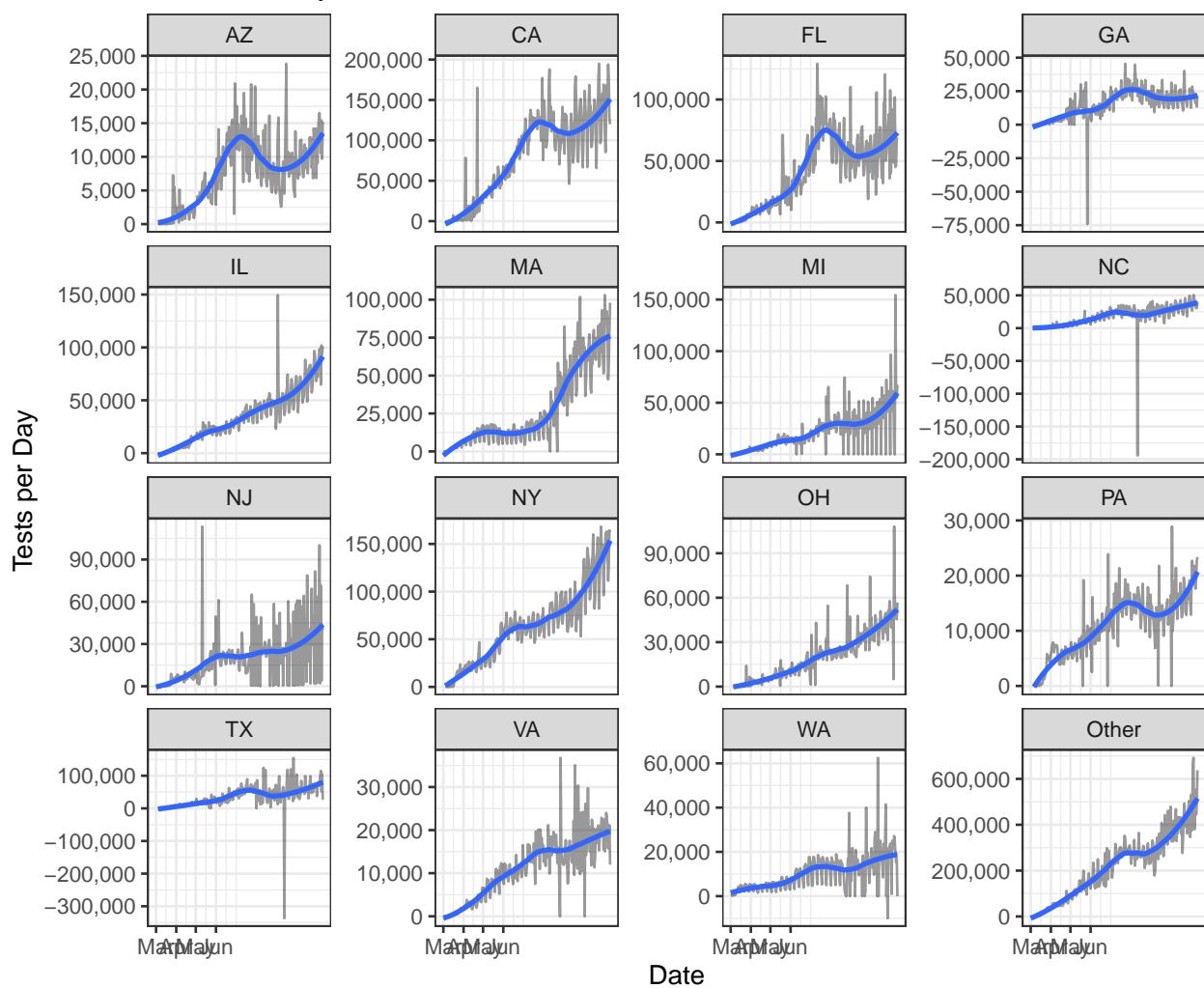


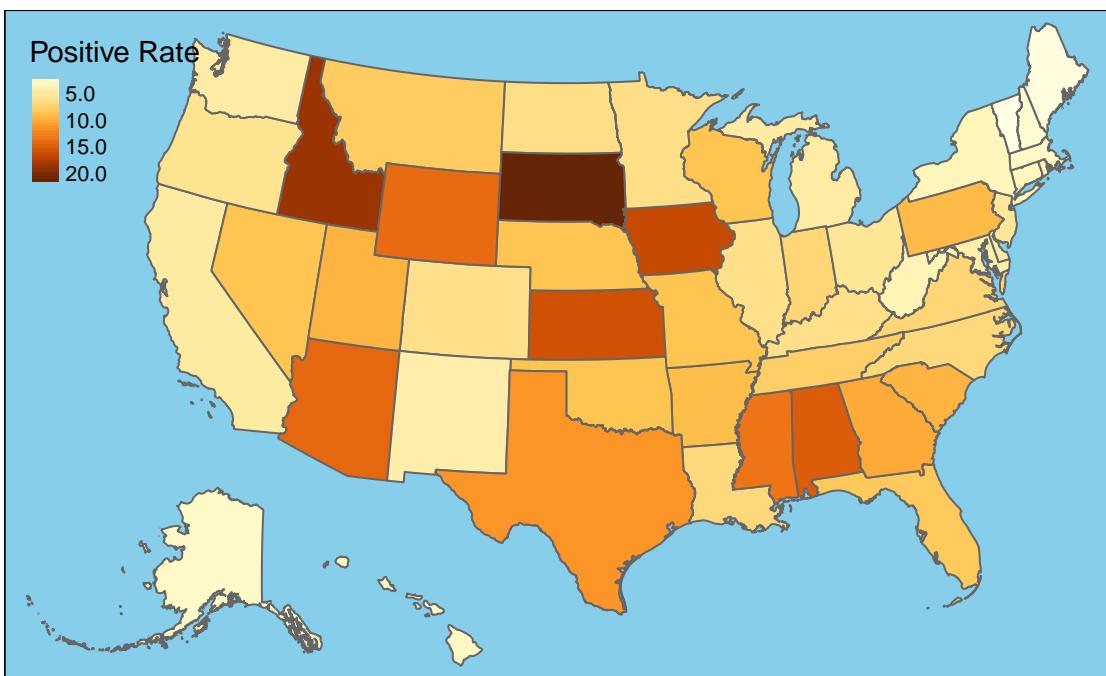
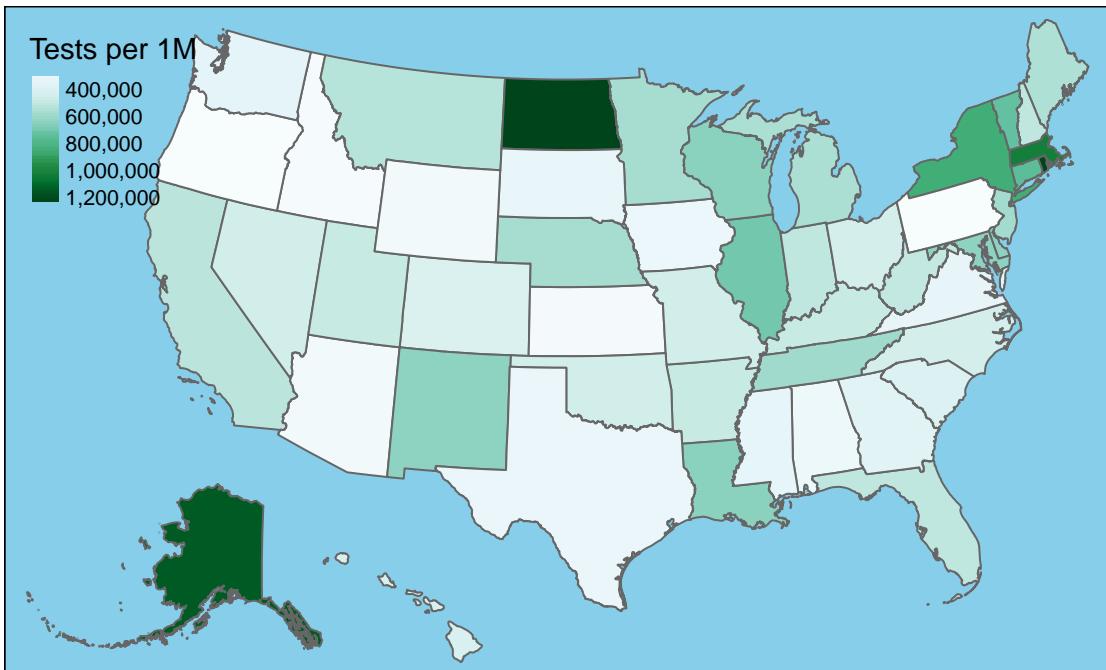
Testing

Tests by State

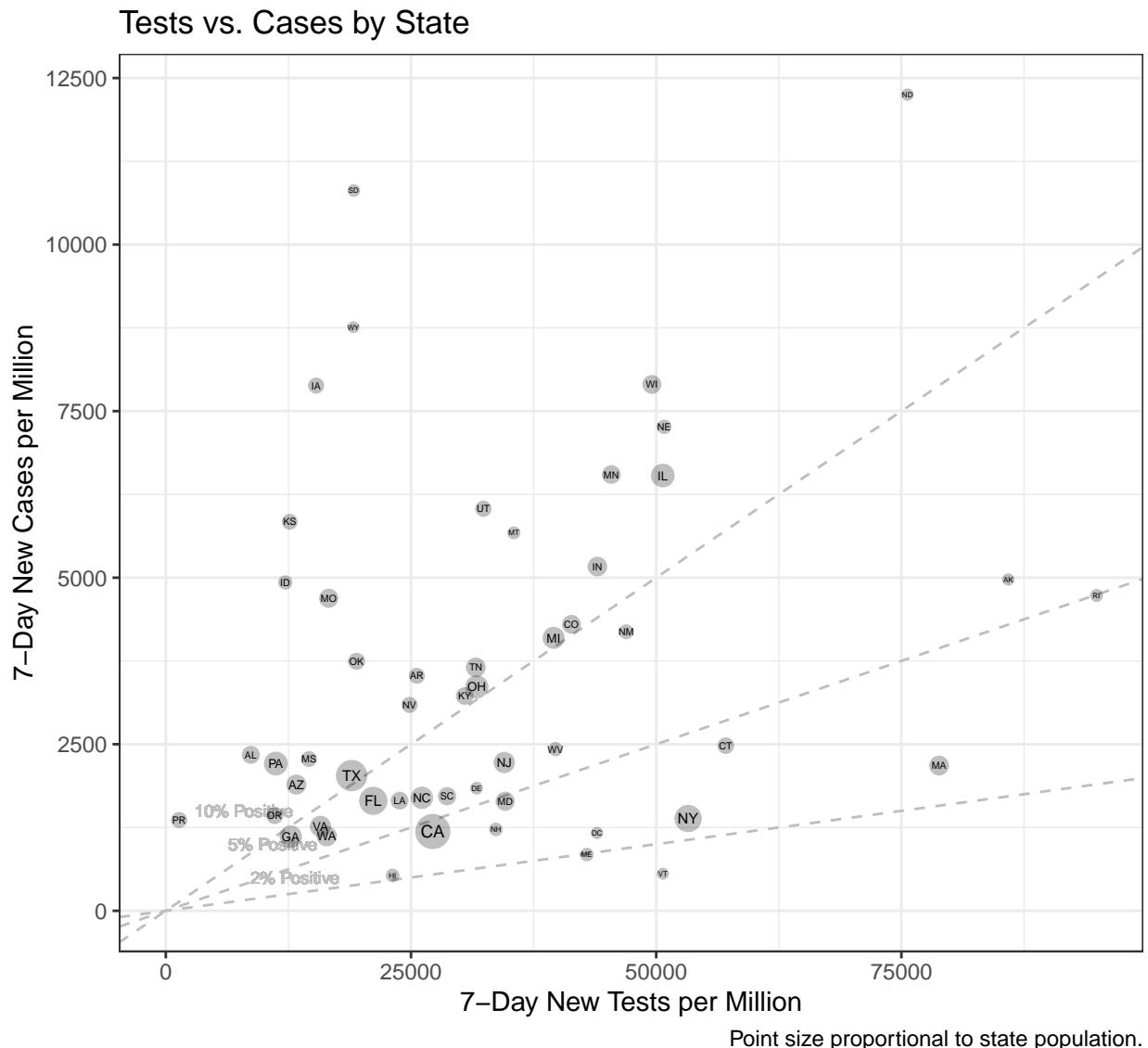


New Tests by State





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.



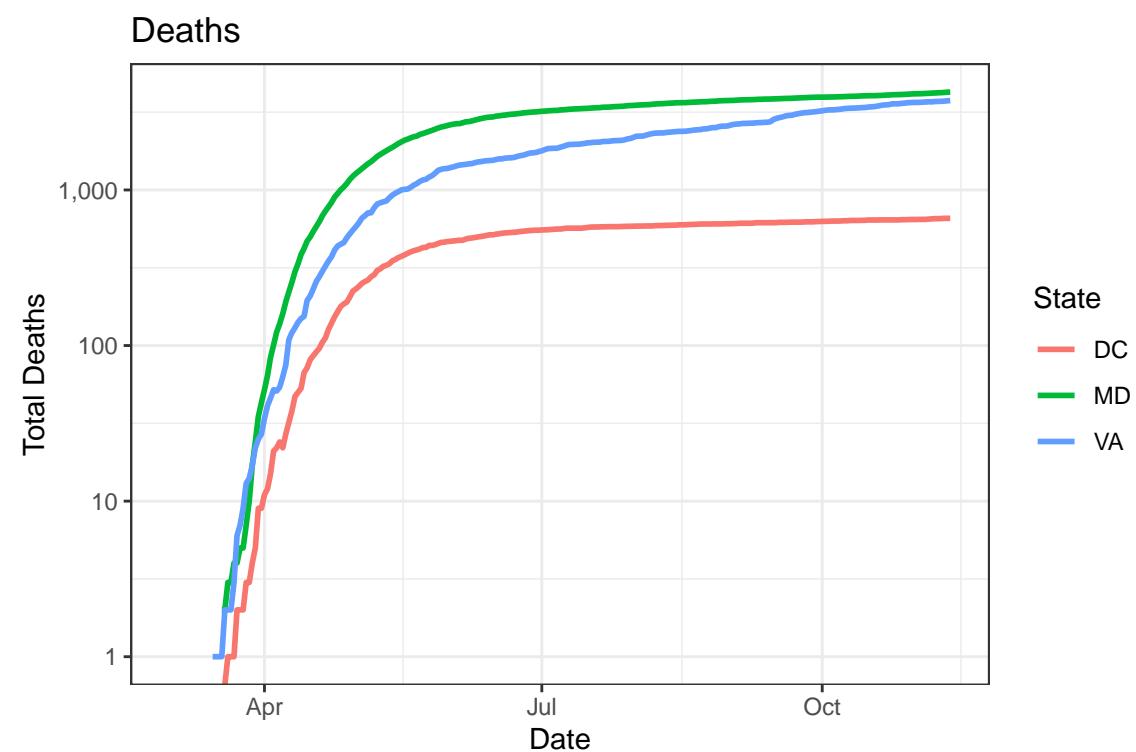
Local Data

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

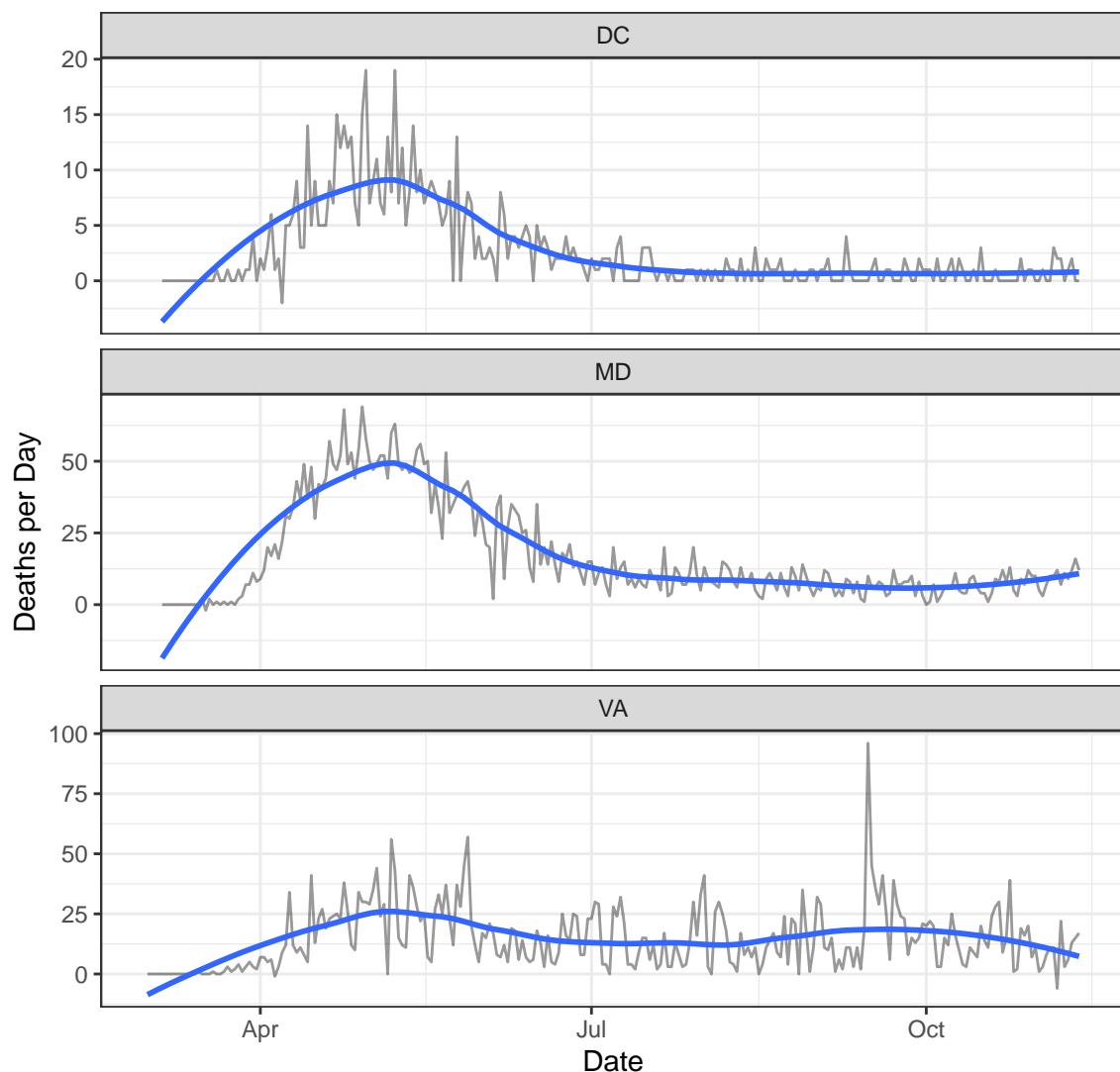
Table 3: Latest Local Data

State	Cases	Deaths	New Cases	New Deaths
DC	18,507	657	128	0
MD	159,900	4,261	1,477	12
VA	198,027	3,758	1,521	17

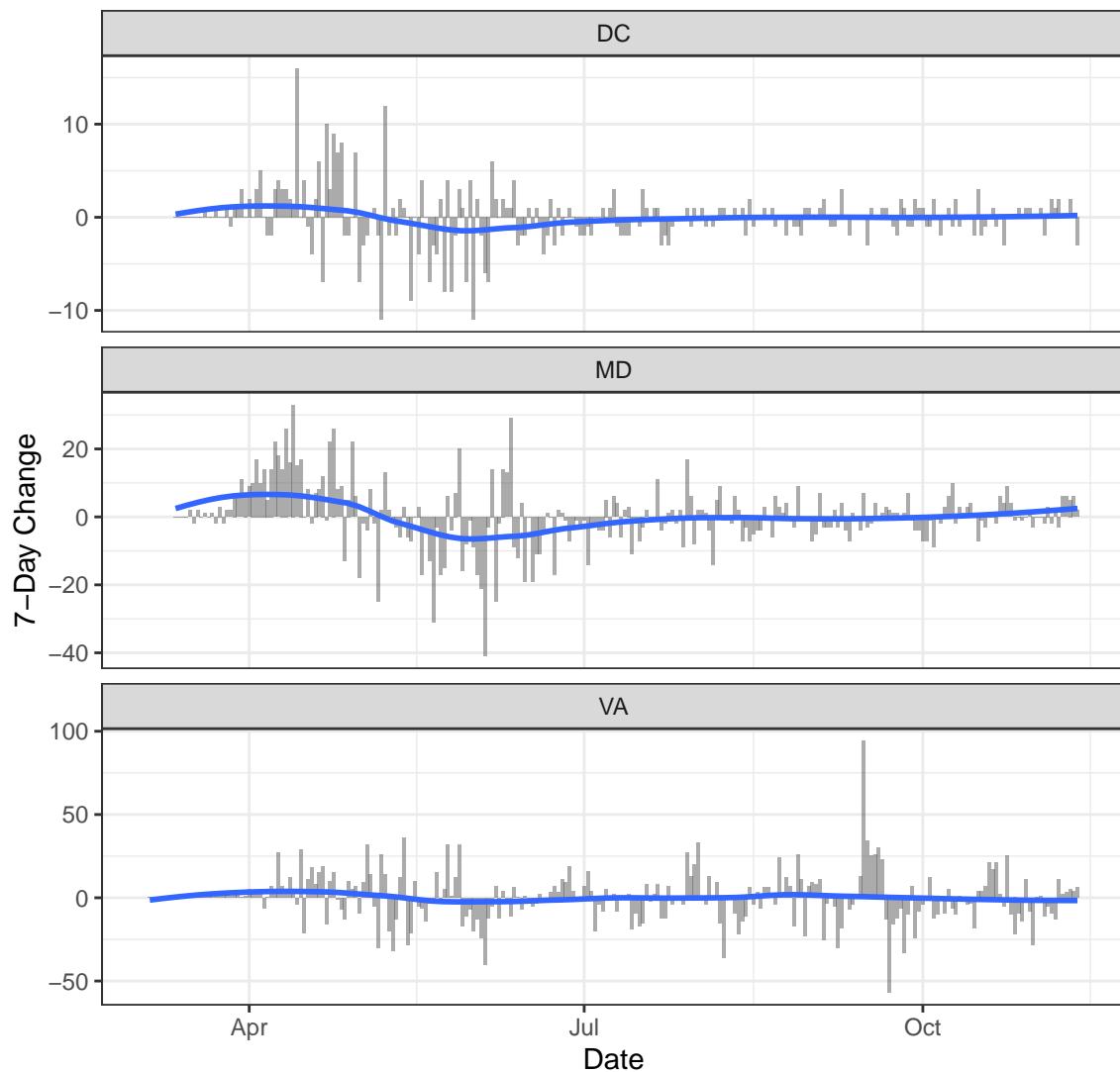
Deaths

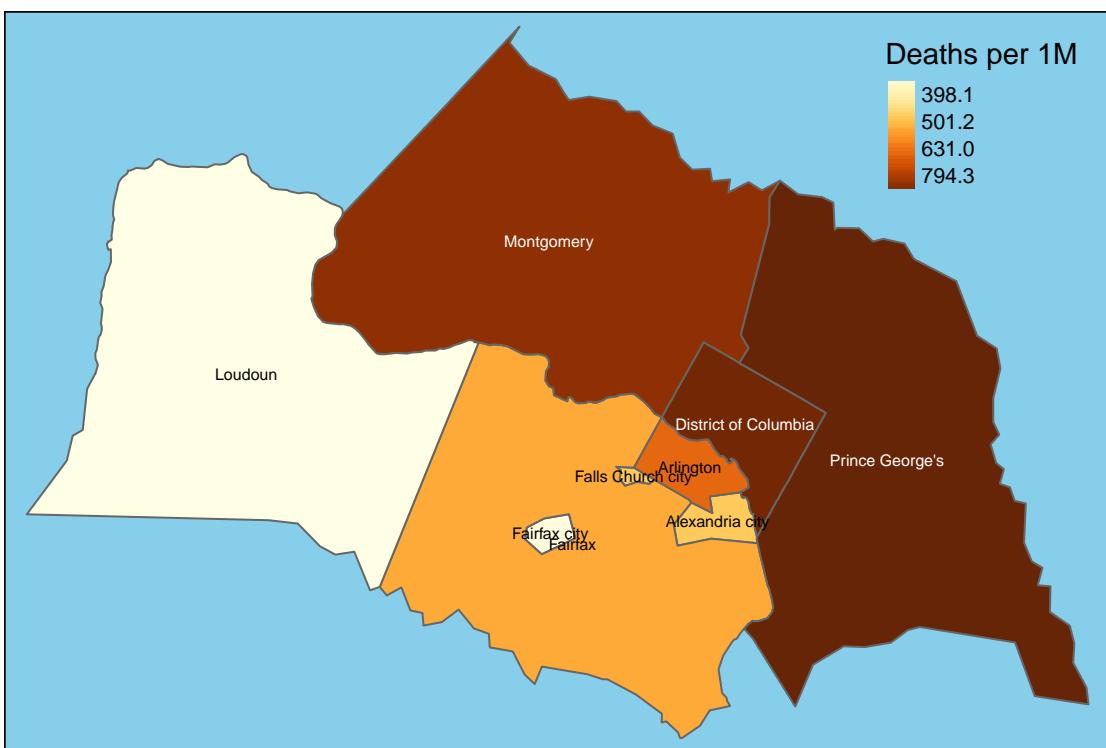
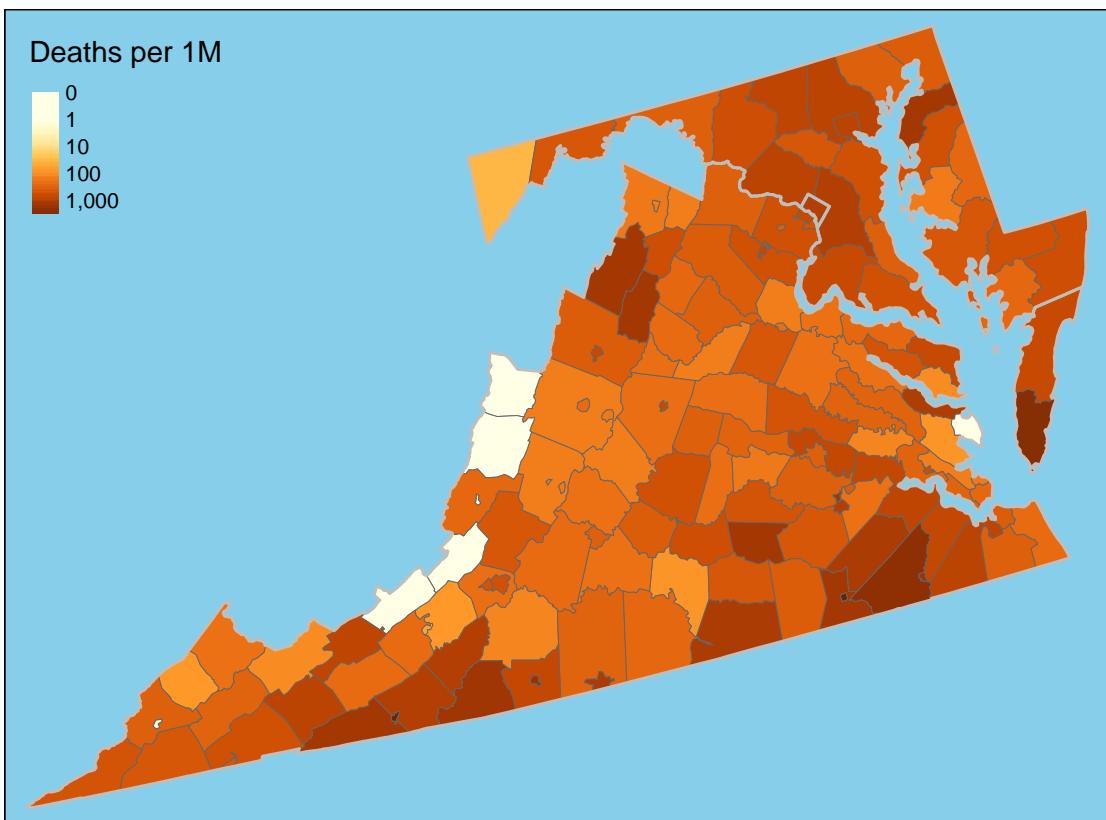


New Deaths

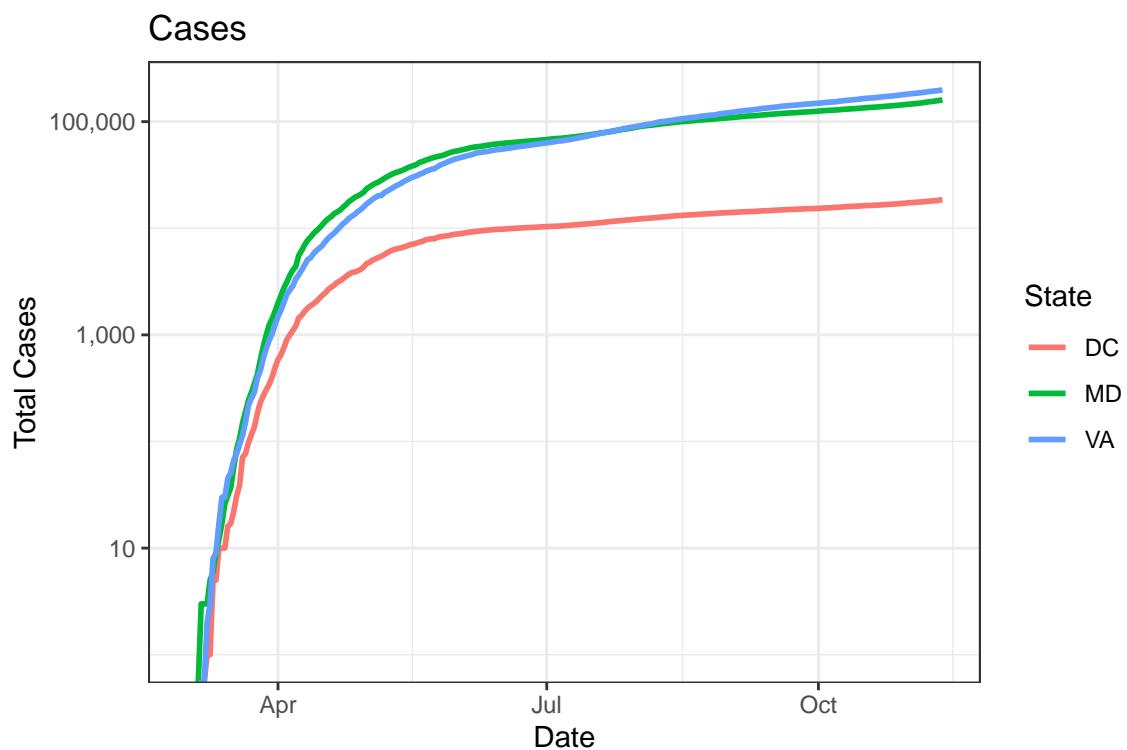


One-Week Change in Daily Deaths

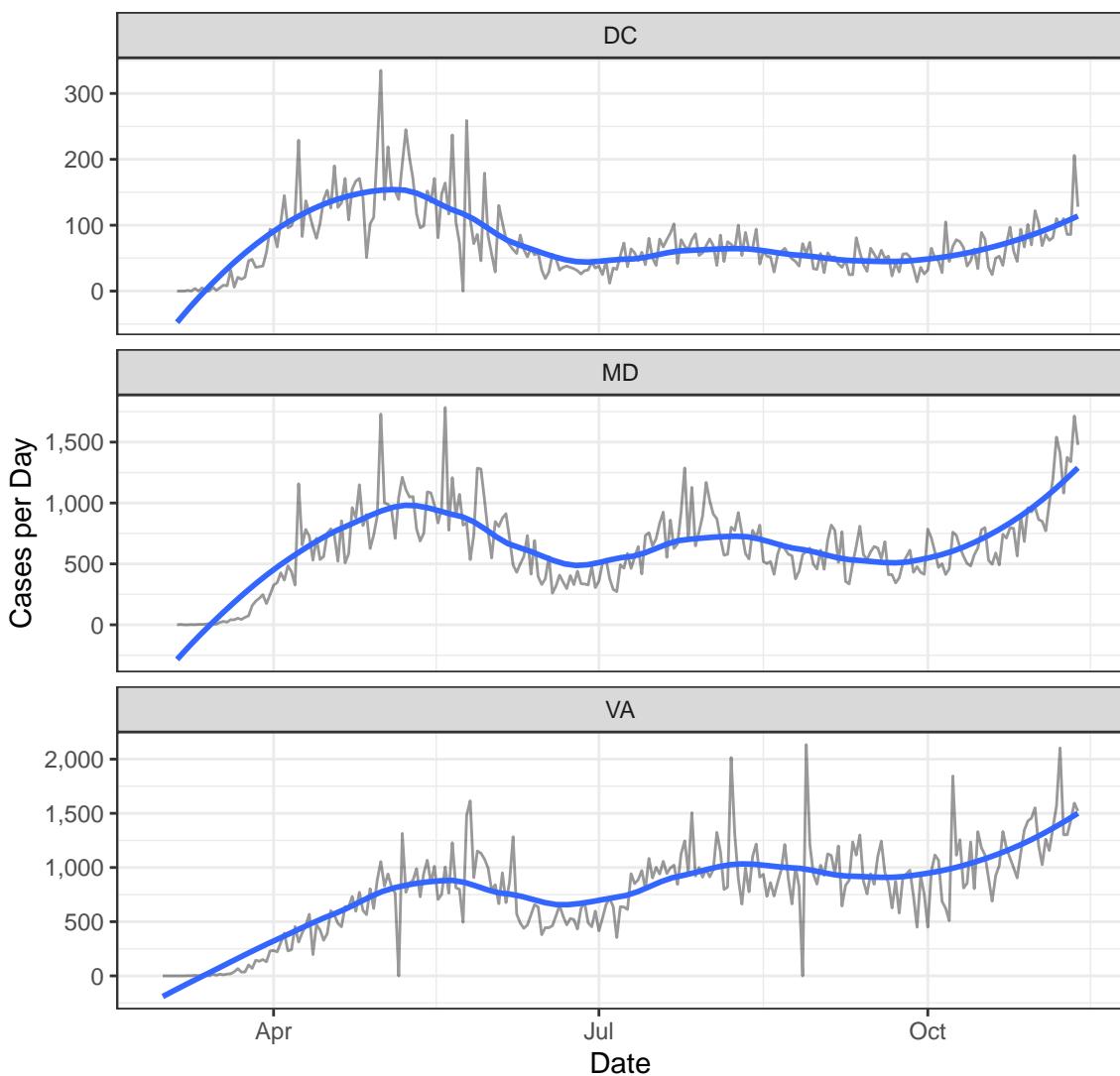




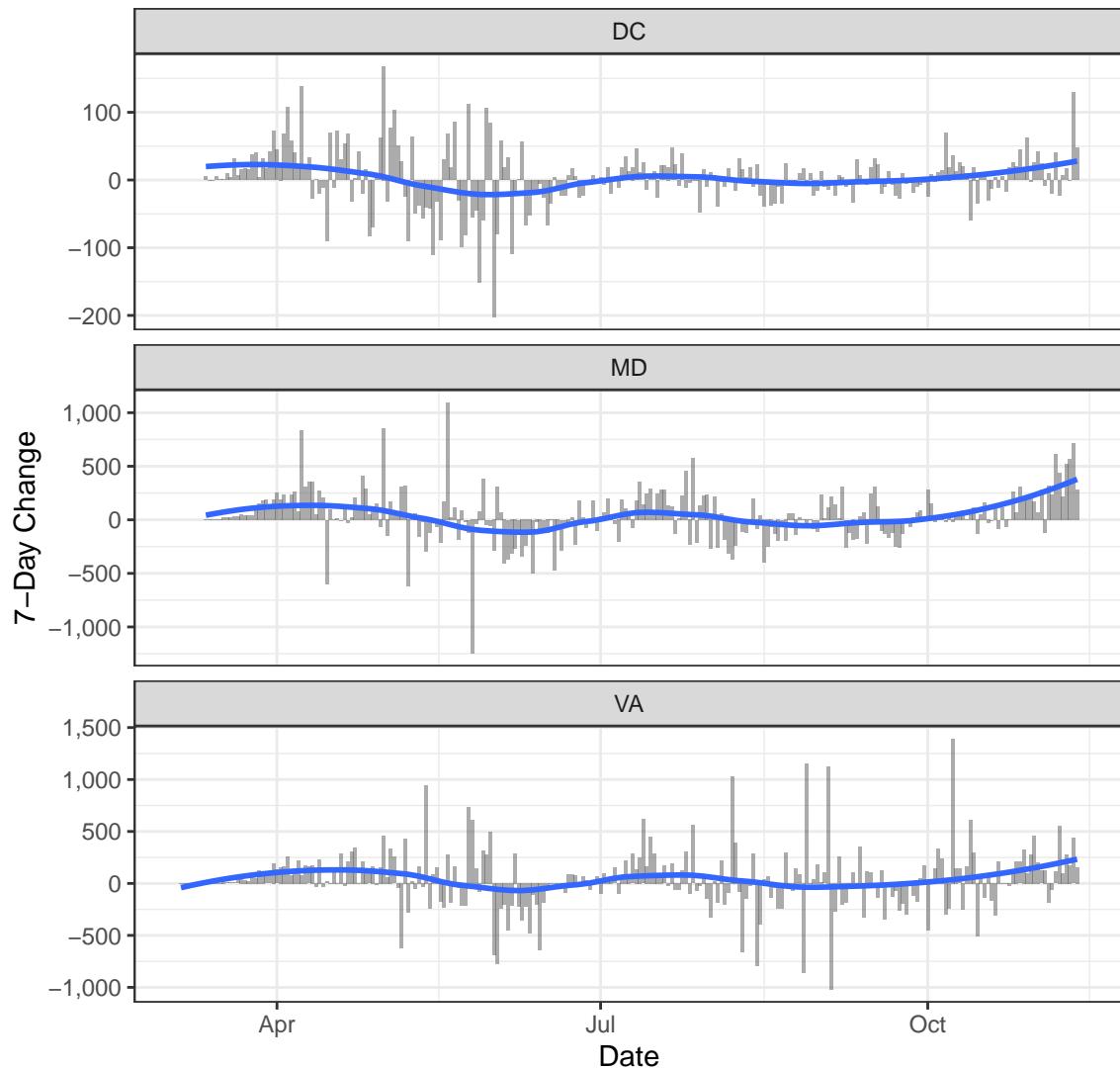
Cases

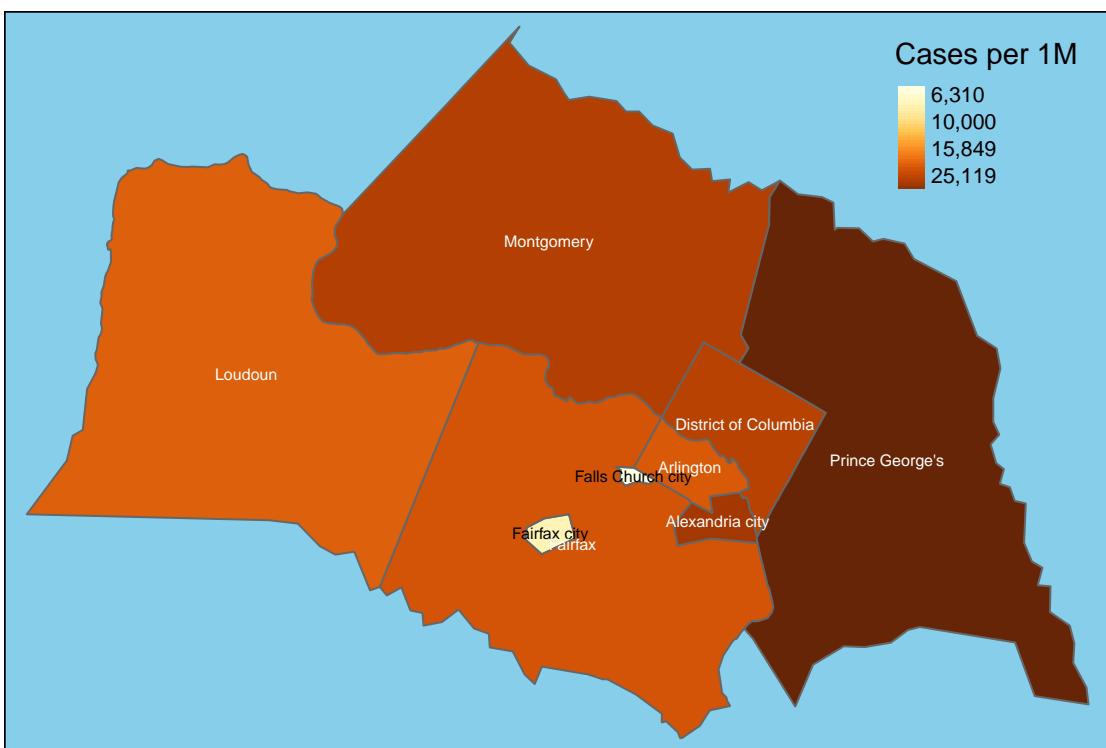
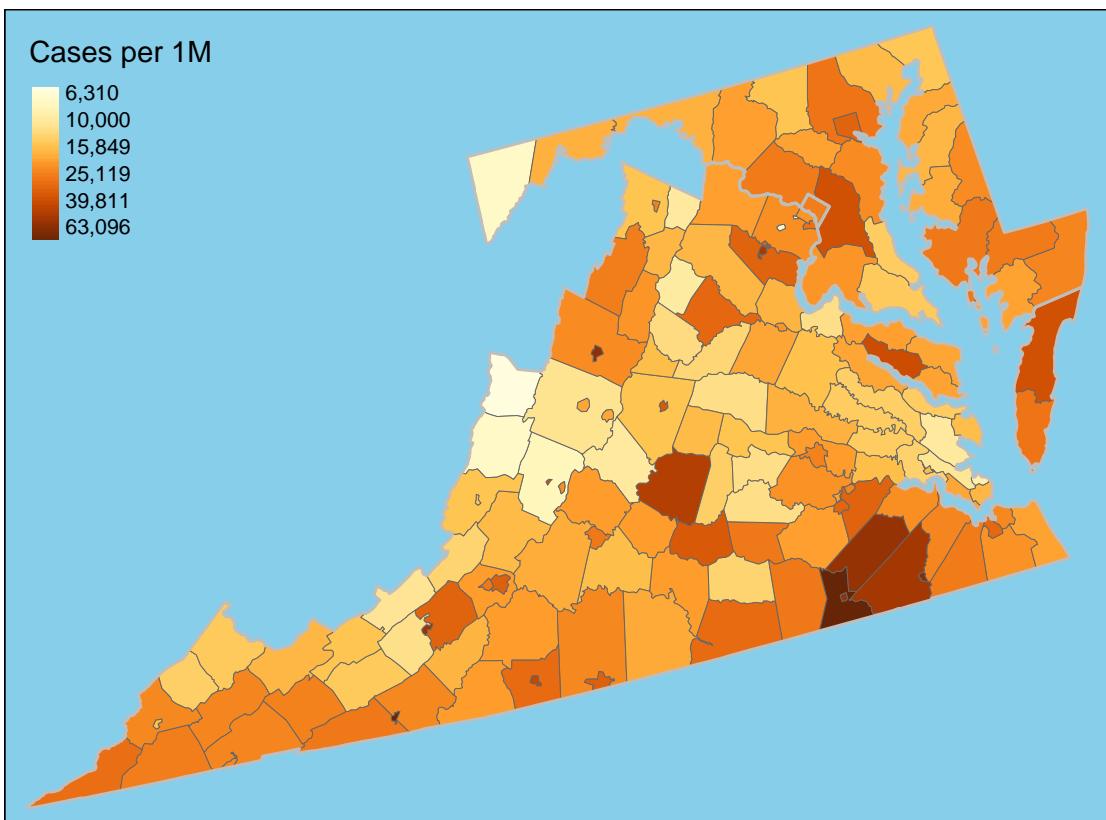


New Cases

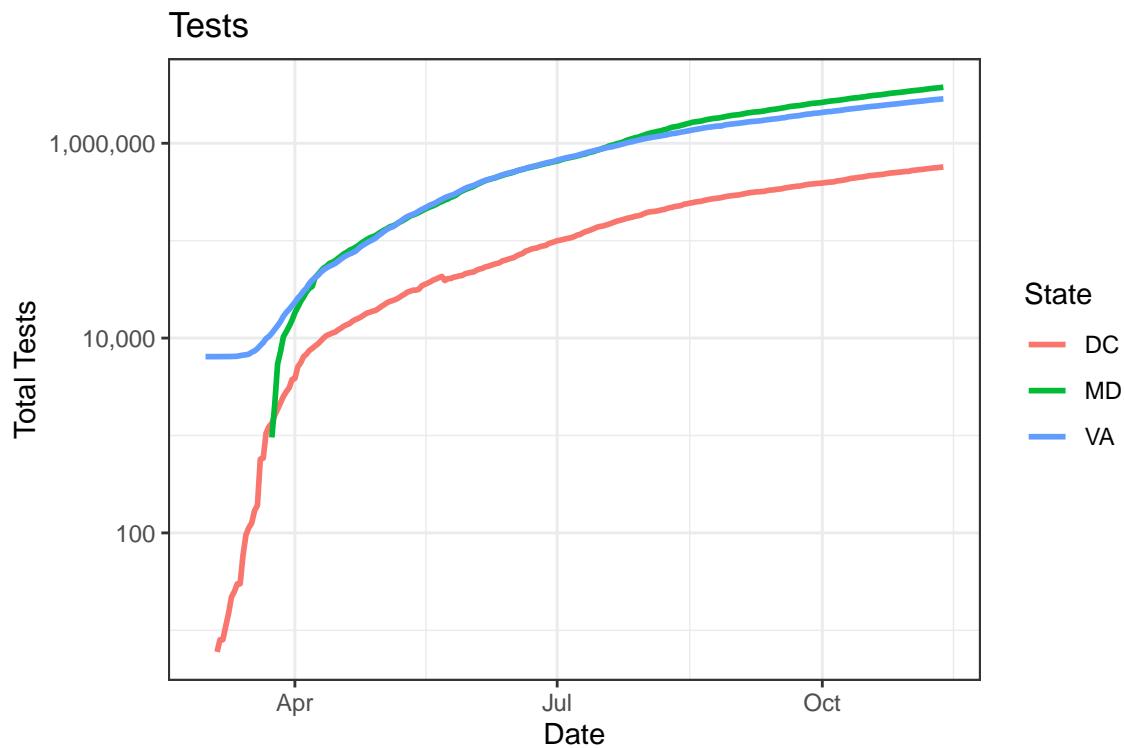


One-Week Change in Daily Cases

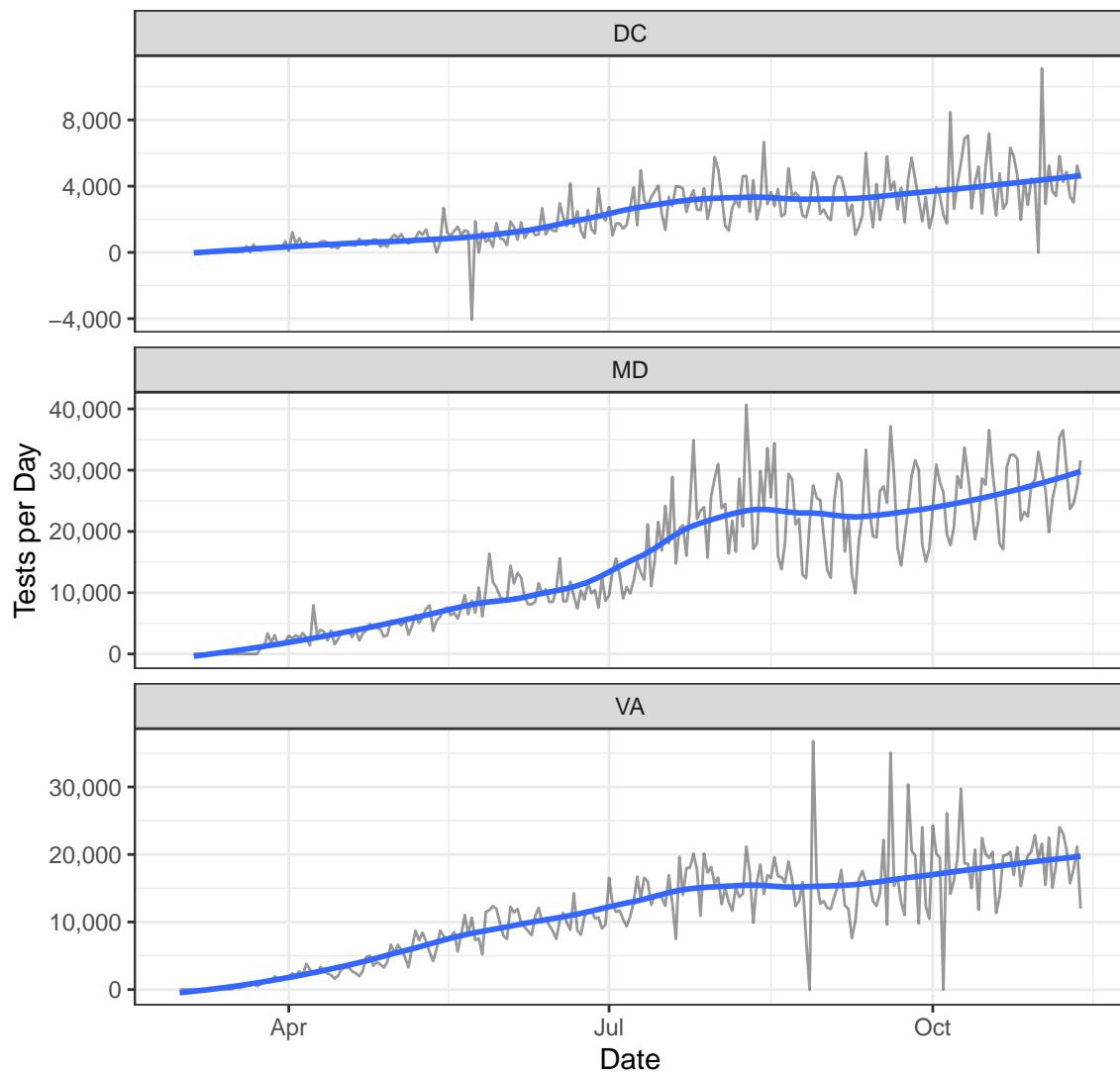




Testing



New Tests



Positive Test Rate

