

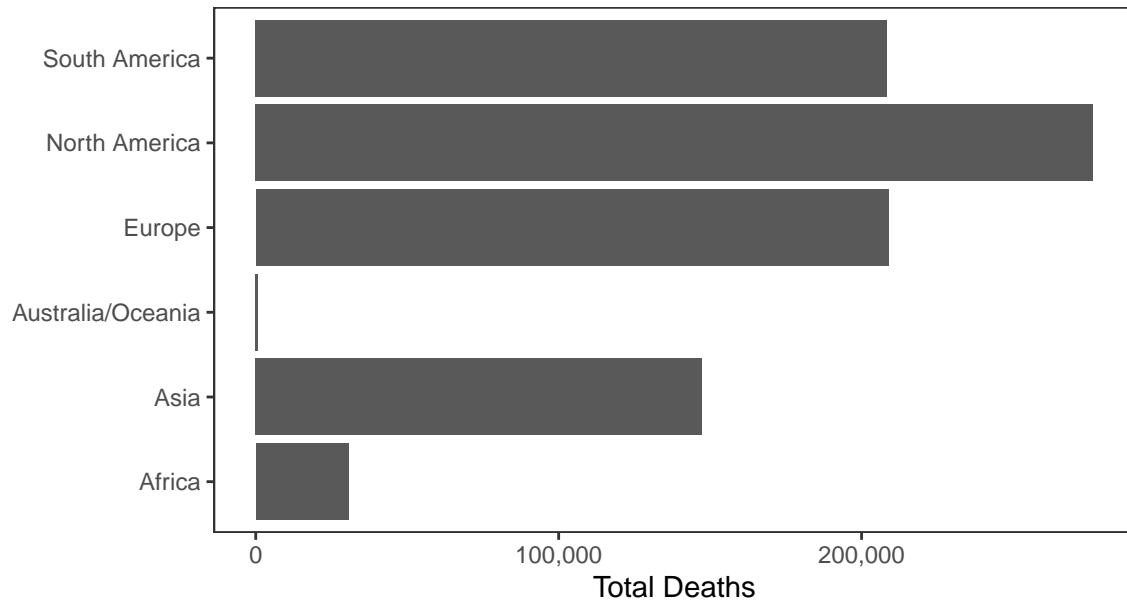
Erik's Covid-19 Chart Pack

Data updated 2020-09-04 18:08:09. 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 26,483,372 confirmed Covid-19 cases and 872,520 deaths worldwide.

Deaths



Cases

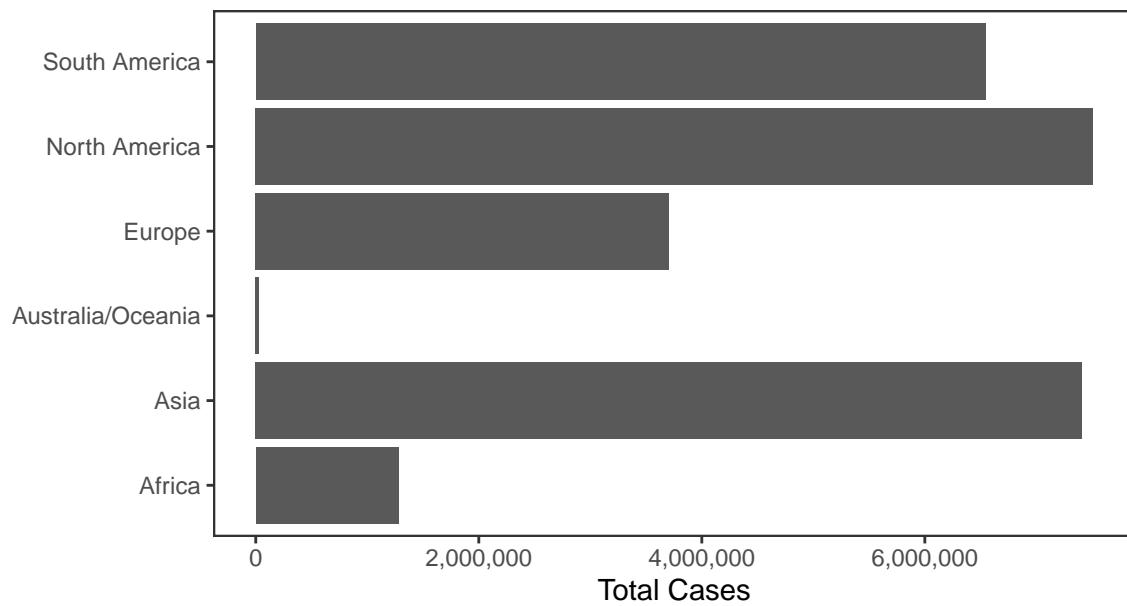
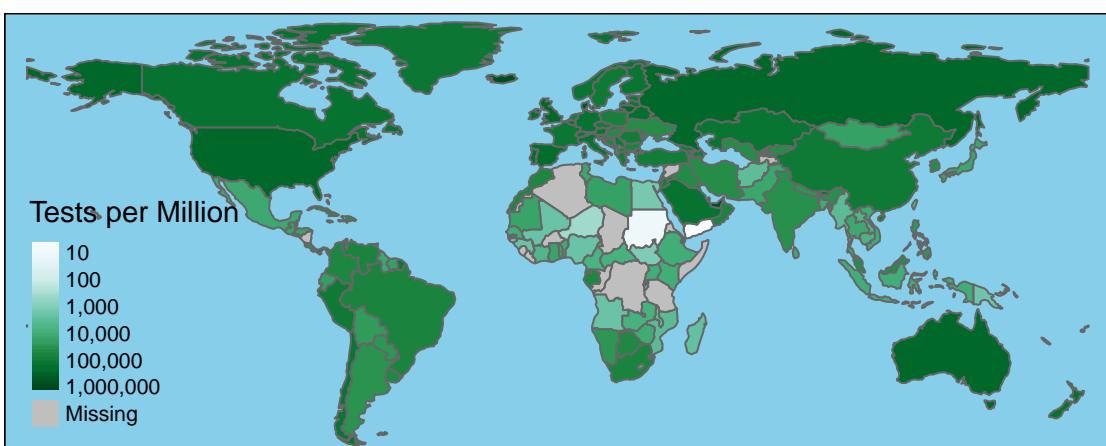
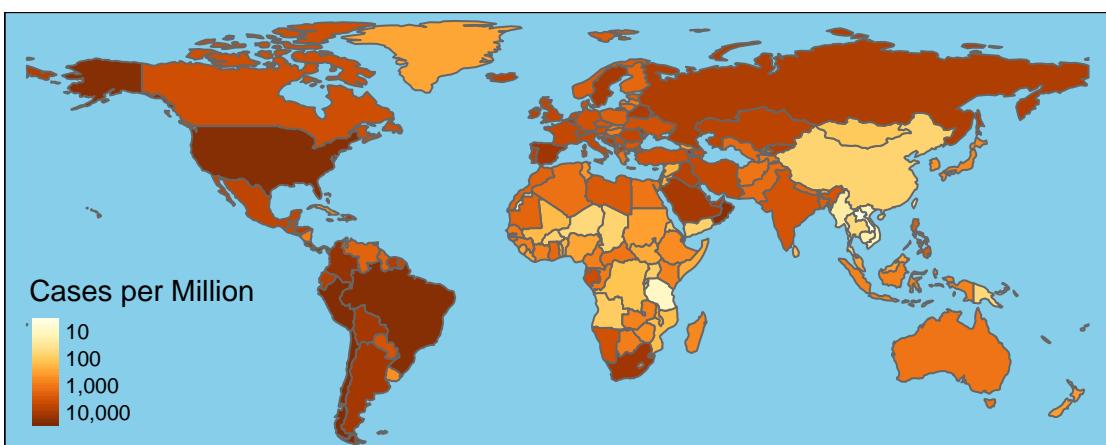
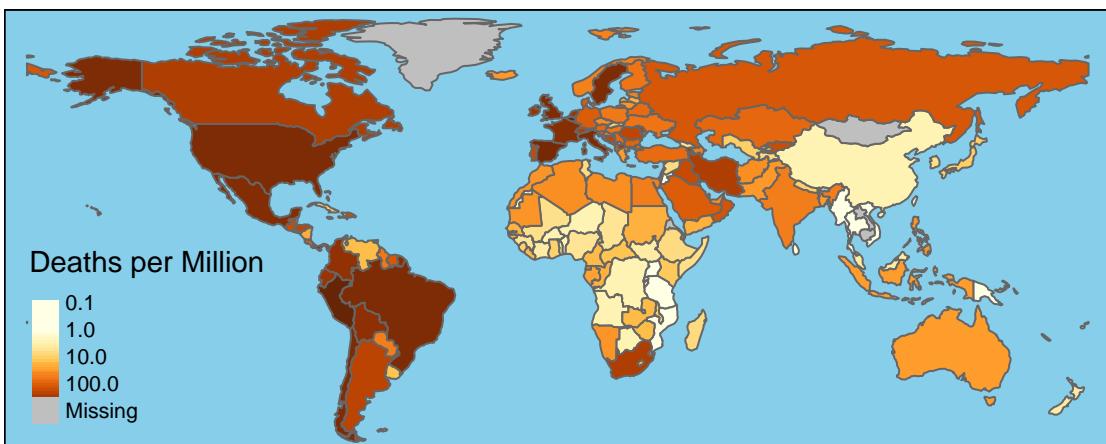


Table 1: Top Countries by Total Cases

Country	Cases	Deaths	New Cases	New Deaths
USA	6,335,244	191,058	44,507	1,094
Brazil	4,046,150	124,729	44,728	830
India	3,933,124	68,569	84,156	1,083
Russia	1,009,995	17,528	4,995	114
Peru	670,145	29,405	6,708	146
Colombia	641,574	20,618	8,235	270
South Africa	633,015	14,563	2,420	174
Mexico	610,957	65,816	4,921	575
Spain	512,630	29,234	3,607	40
Argentina	451,198	9,361	12,026	243
Chile	416,501	11,422	1,762	78
Iran	380,746	21,926	1,994	129
UK	340,411	41,527	1,735	13
Bangladesh	319,686	4,383	2,158	32
Saudi Arabia	318,319	3,982	833	26
France	300,181	30,706	7,157	20
Pakistan	297,014	6,328	424	10
Turkey	274,943	6,511	1,642	49
Italy	272,911	35,507	1,396	10
Germany	248,814	9,399	1,423	6



National Data

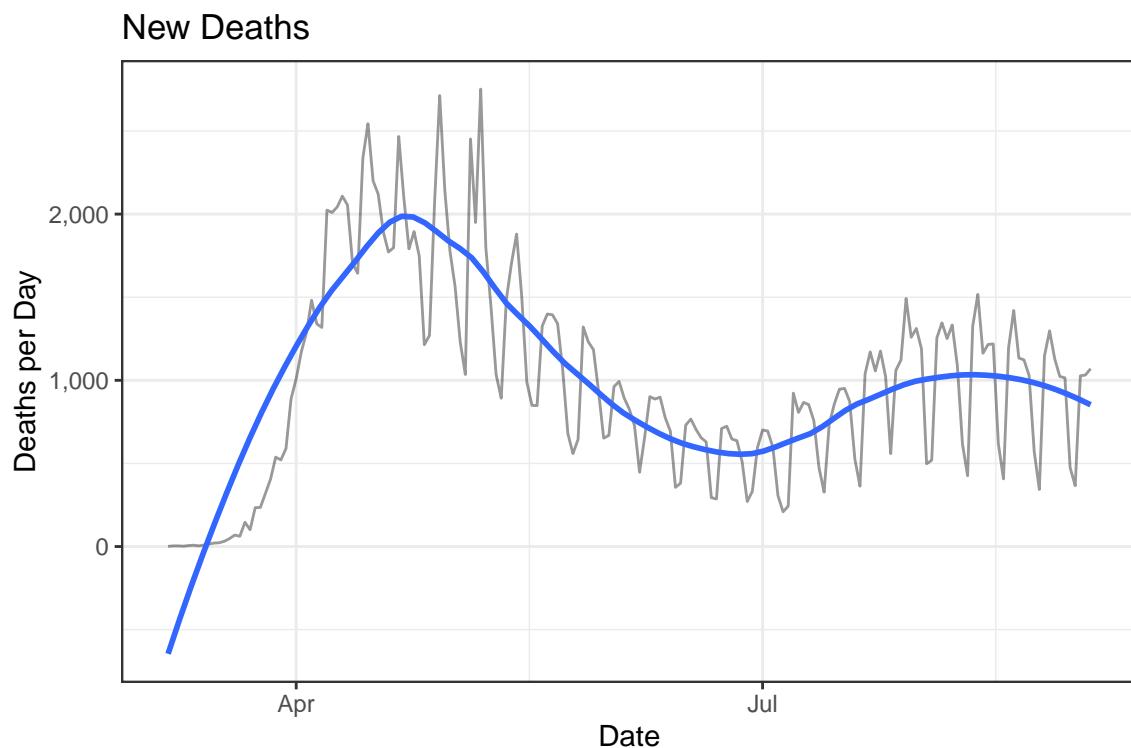
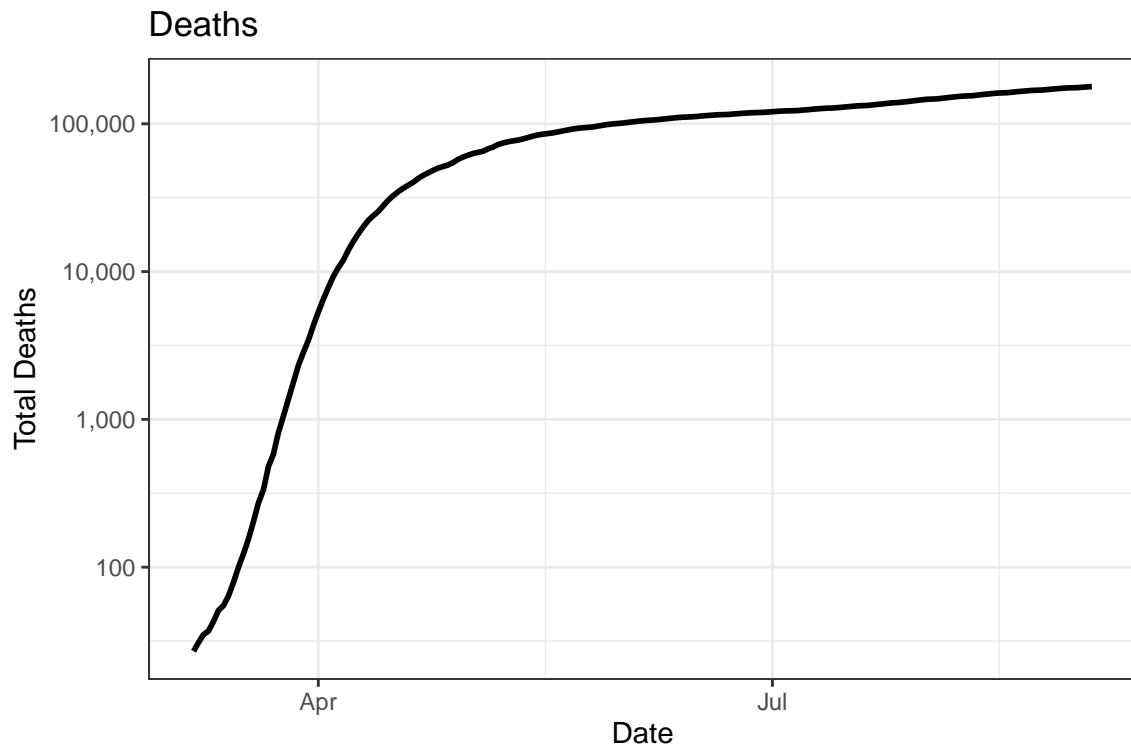
There have been 6,117,481 confirmed Covid-19 cases and 178,742 deaths in the United States.

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

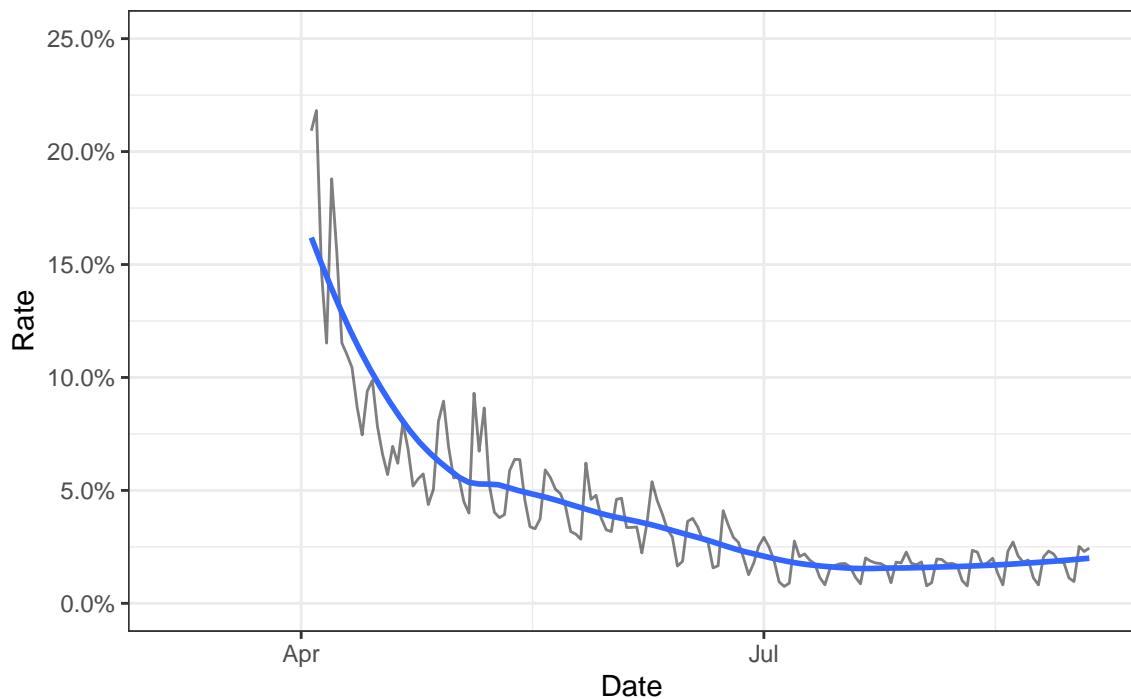
Date	Cases	Deaths	New Cases	New Deaths
2020-09-03	6,117,481	178,742	44,294	1,070
2020-09-02	6,073,187	177,672	30,604	1,032
2020-09-01	6,042,583	176,640	42,423	1,027
2020-08-31	6,000,160	175,613	31,406	366
2020-08-30	5,968,754	175,247	39,498	475
2020-08-29	5,929,256	174,772	44,502	1,015
2020-08-28	5,884,754	173,757	46,546	1,023
2020-08-27	5,838,208	172,734	43,984	1,129
2020-08-26	5,794,224	171,605	44,057	1,298
2020-08-25	5,750,167	170,307	36,374	1,147
2020-08-24	5,713,793	169,160	34,641	343
2020-08-23	5,679,152	168,817	37,567	572
2020-08-22	5,641,585	168,245	46,242	1,029
2020-08-21	5,595,343	167,216	46,562	1,123

Deaths

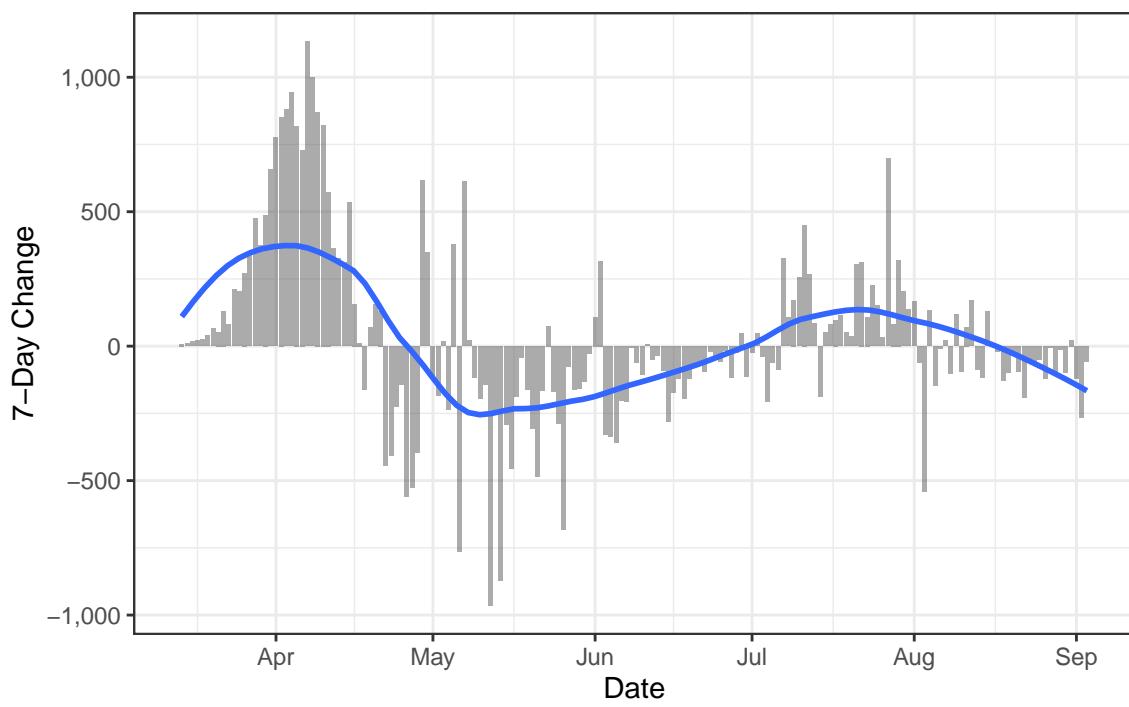
Because the effects of the virus can take several weeks to manifest in patients, deaths are a lagging indicator of contagion, but they may be a more reliable than case counts, which are a function of both the prevalence of the disease and the rate of testing. The case mortality rate is a very crude indicator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

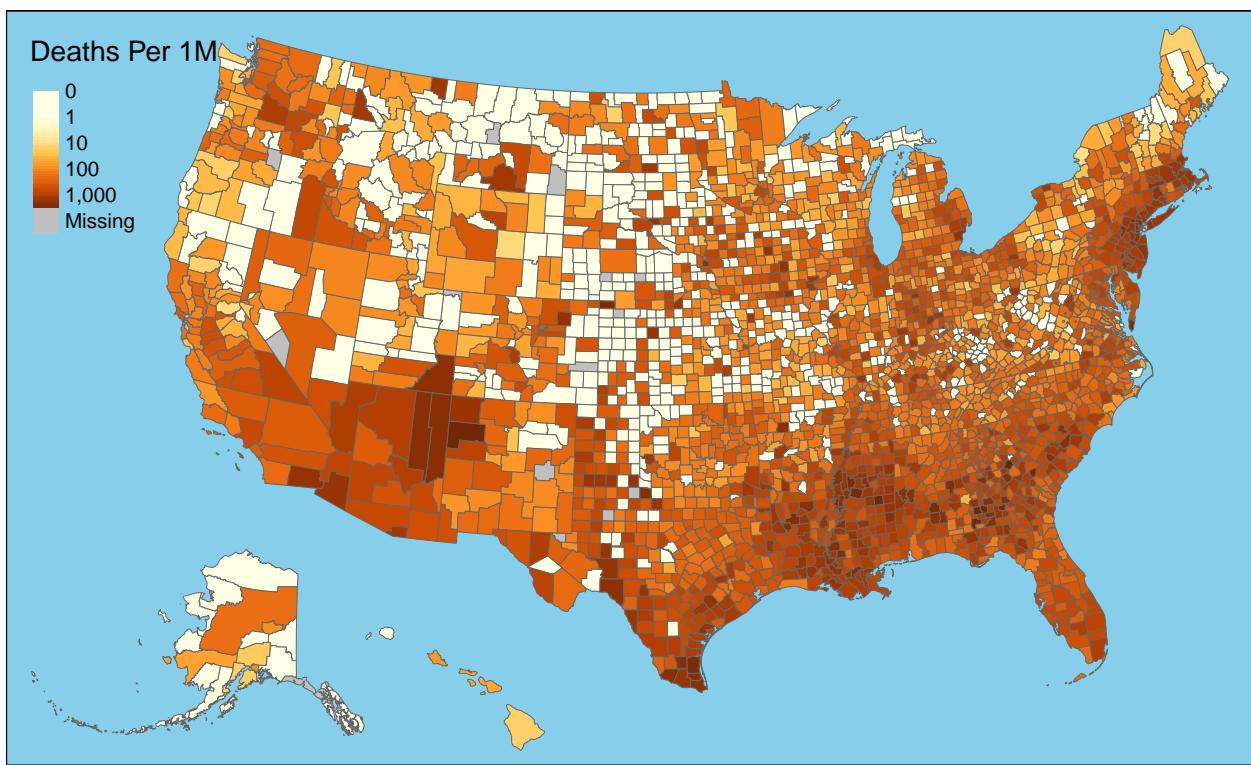


Daily Case Mortality Rate



One-Week Change in Daily Deaths

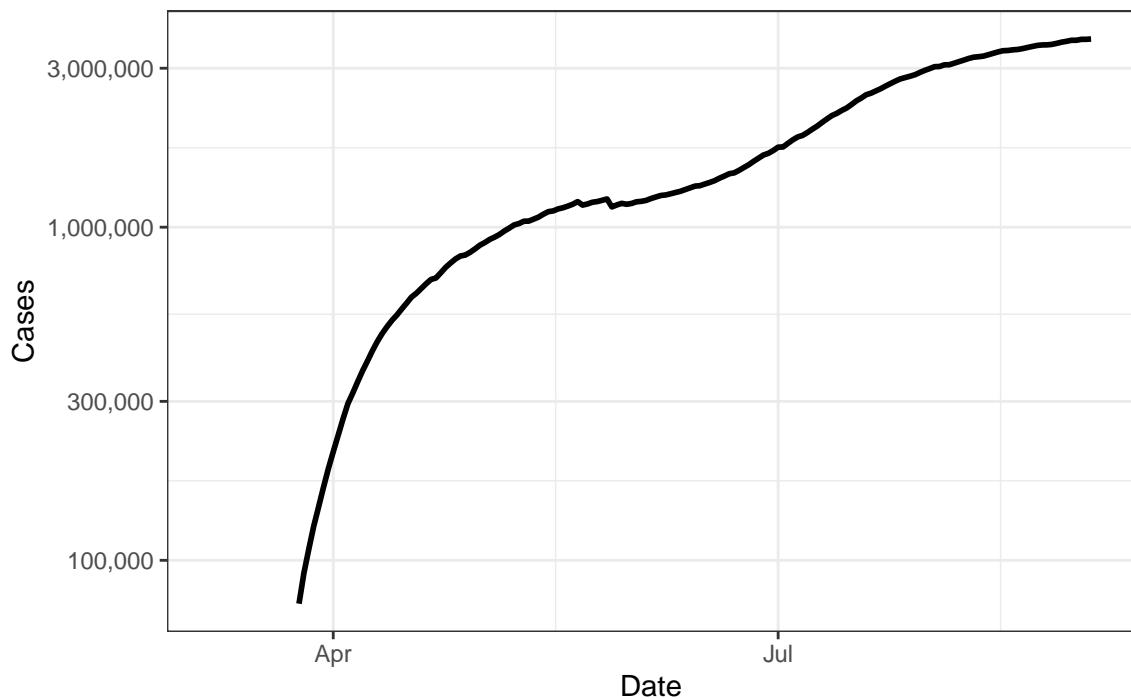




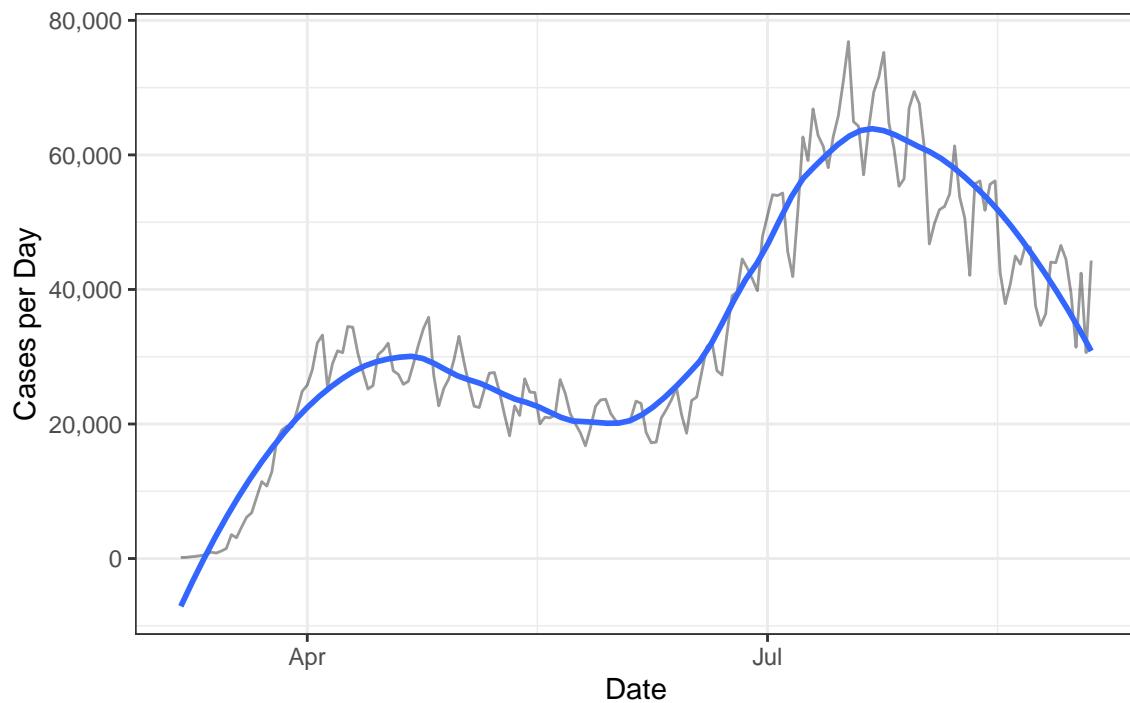
Cases

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

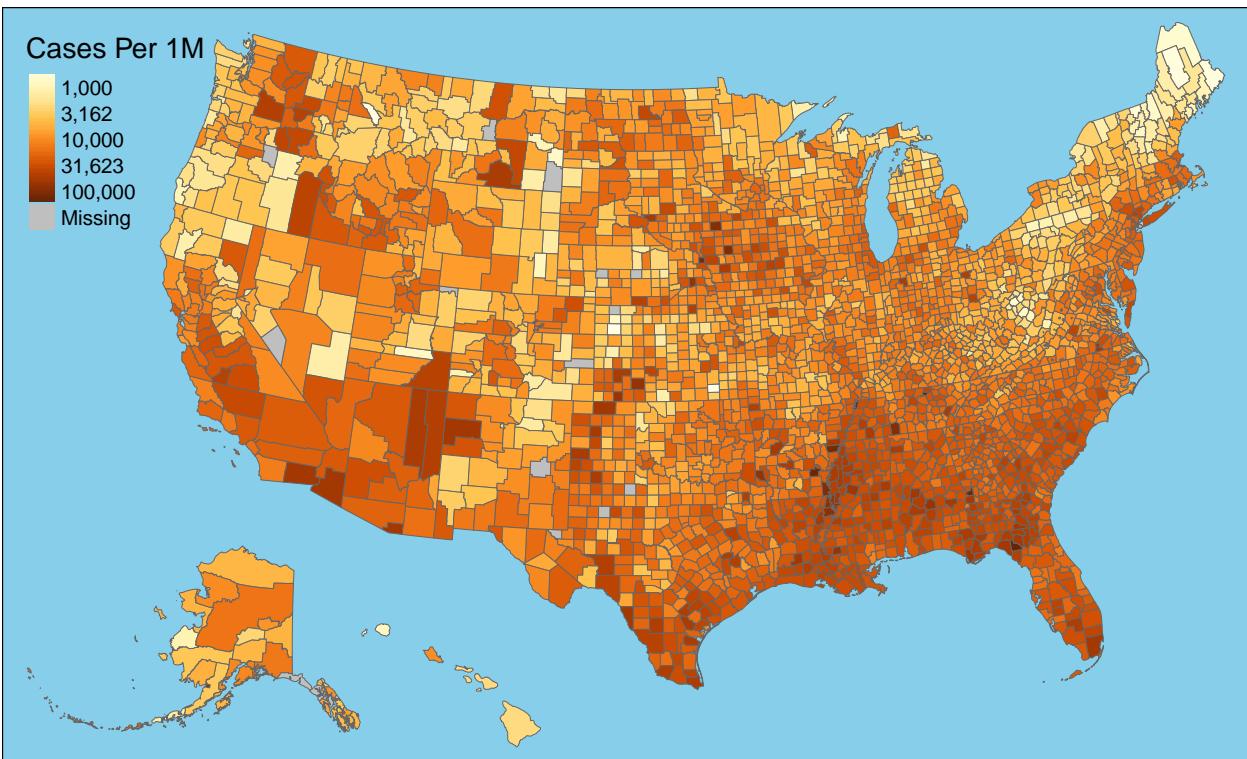
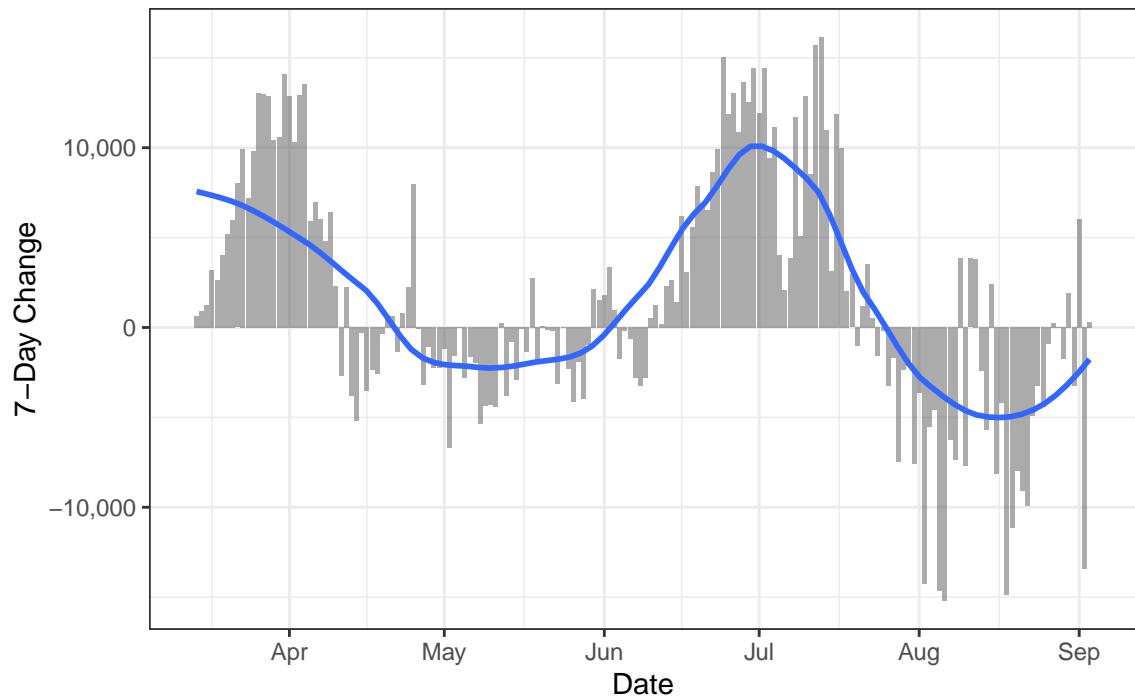
Active Cases



New Cases

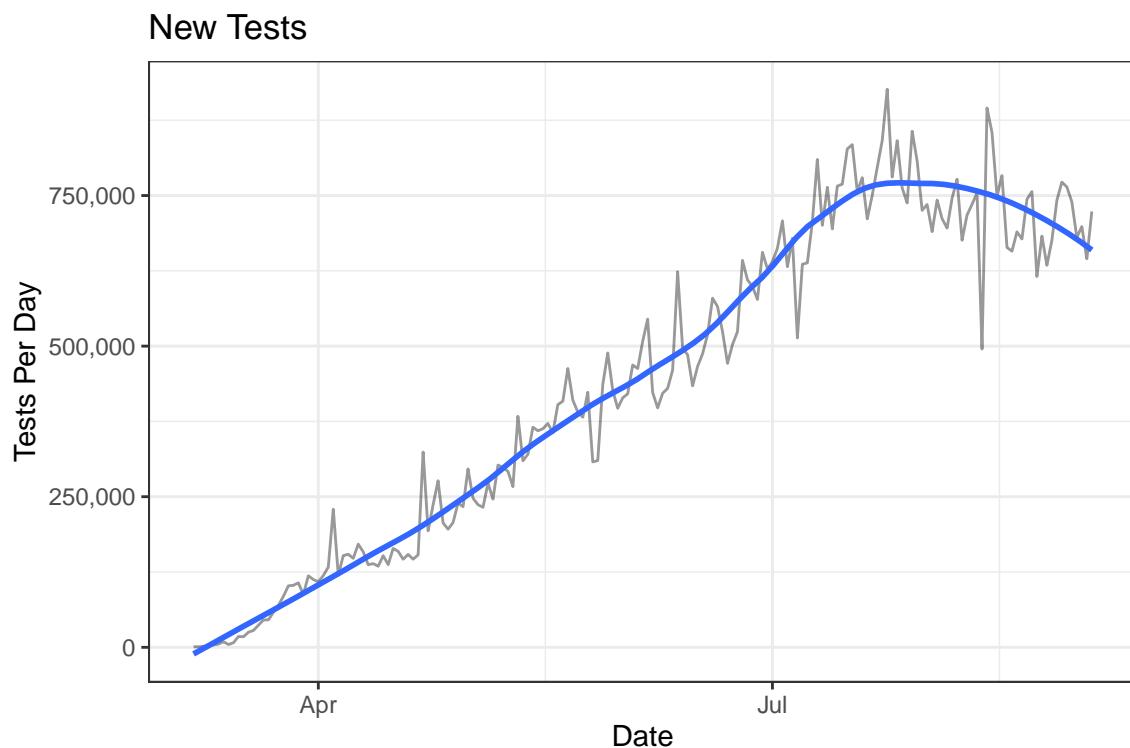
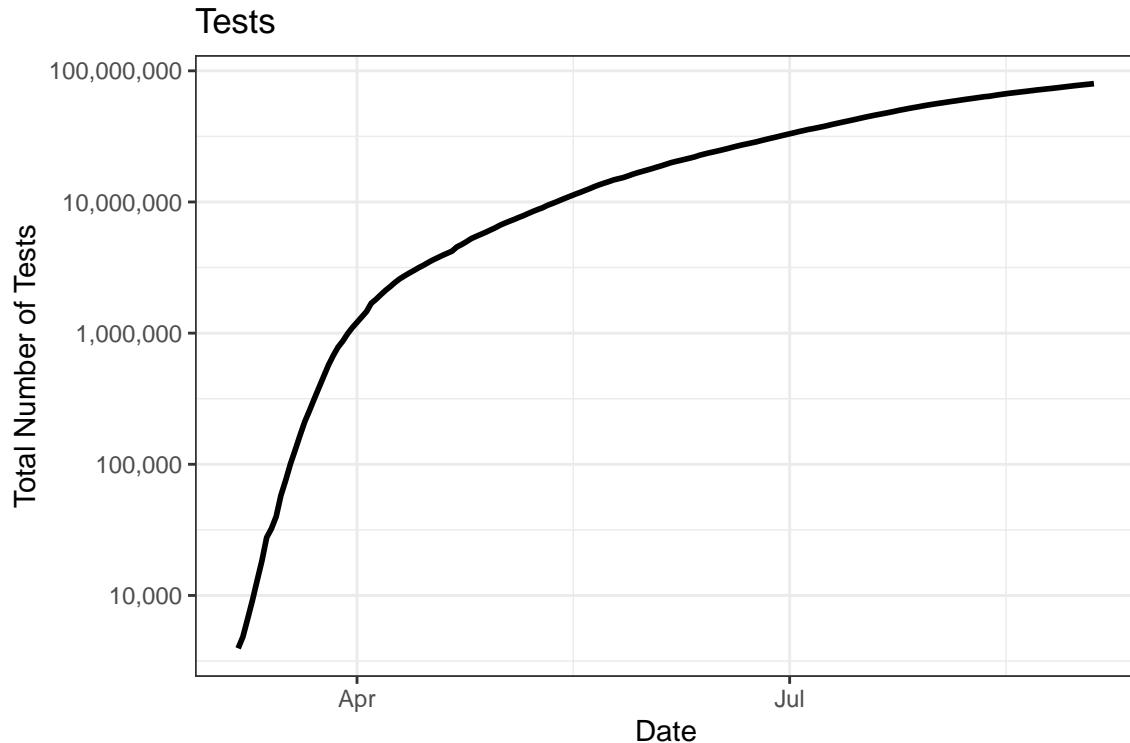


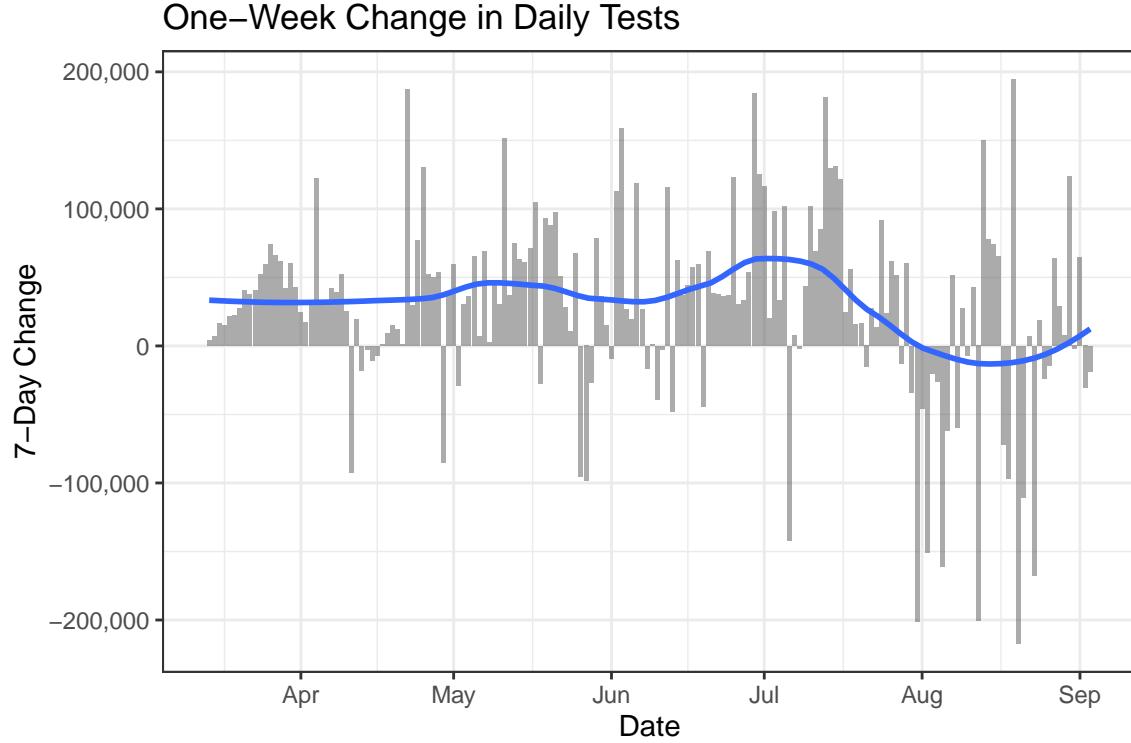
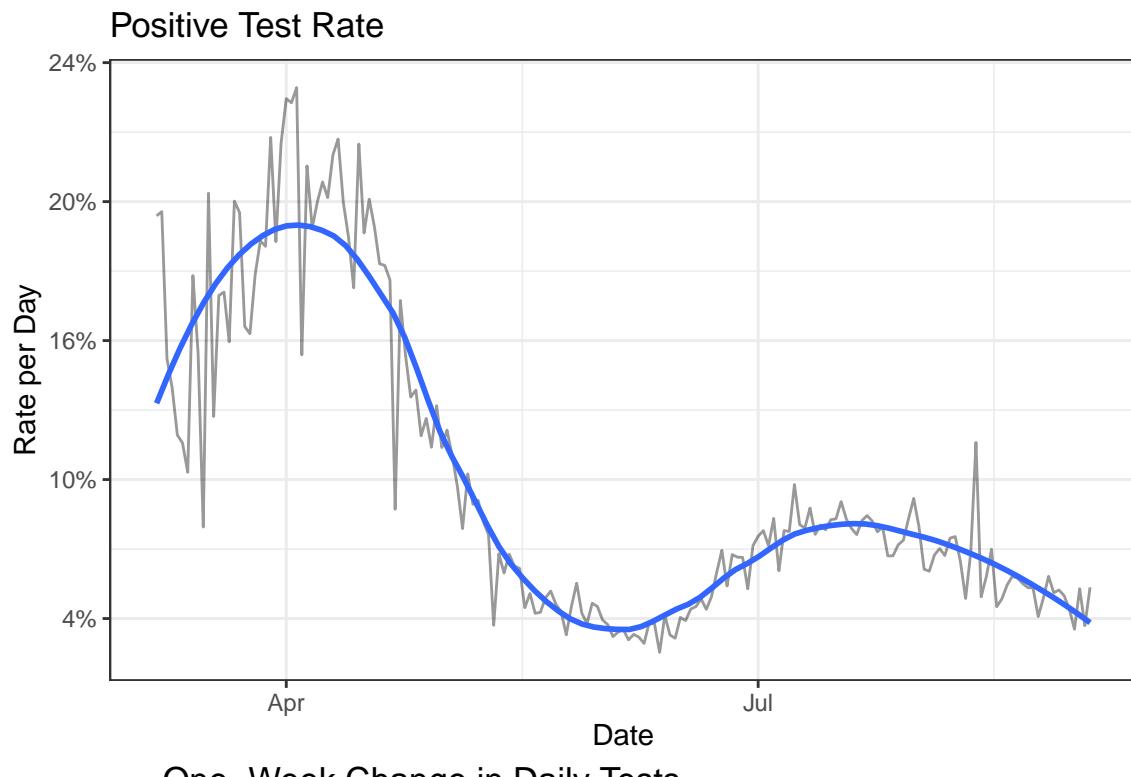
One-Week Change in Daily Cases



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.



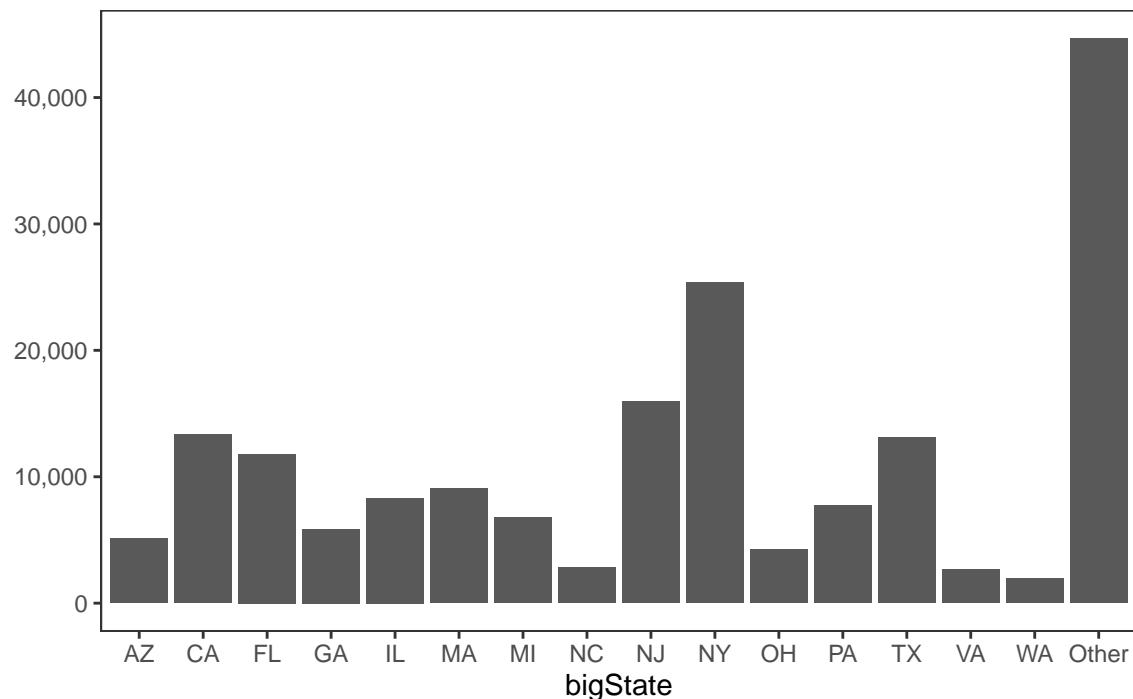


State Data

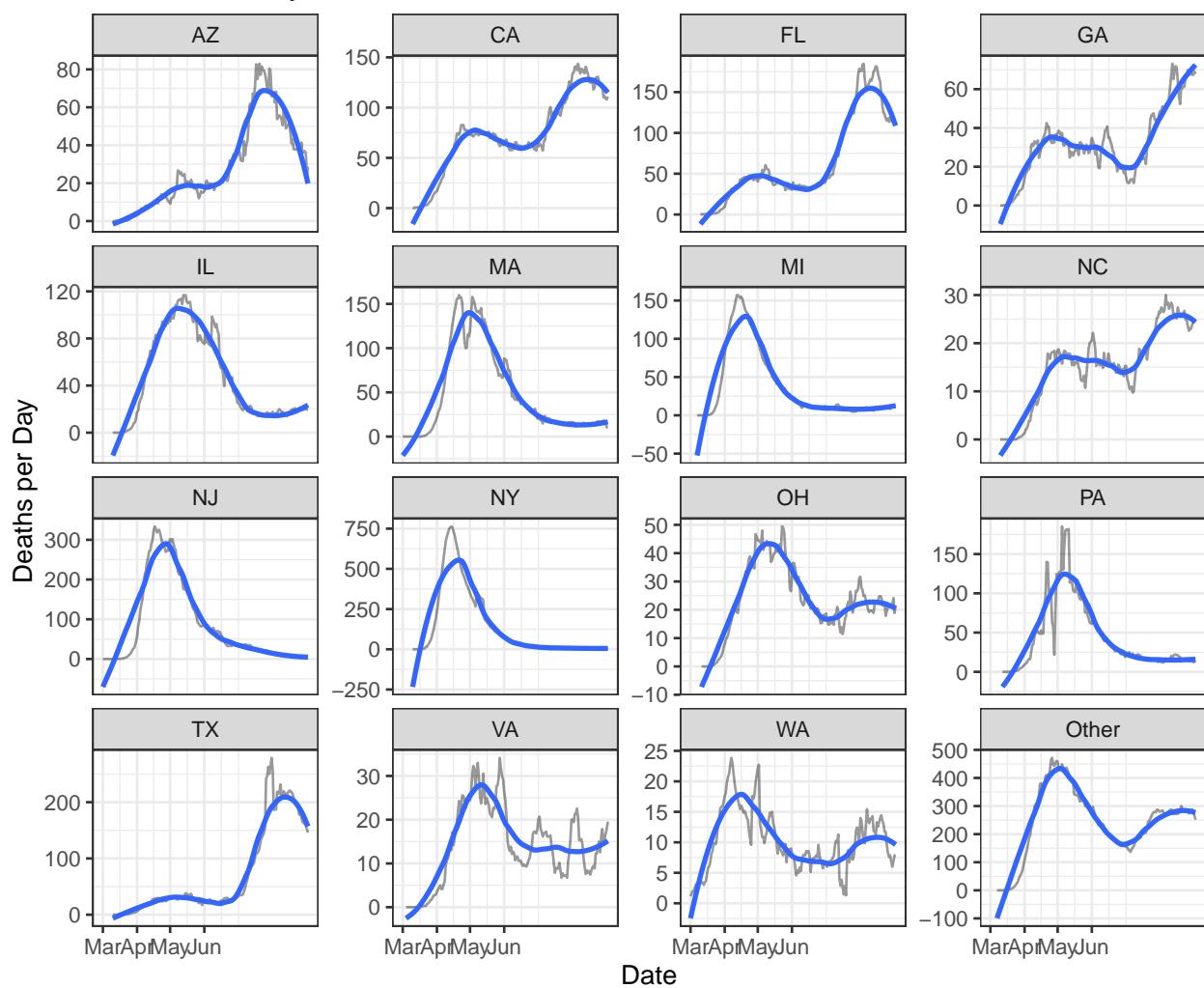
This section summarizes state-level data. Most data are reported for the largest 15 states by population, which account for NaN percent of the total U.S. population.

Deaths

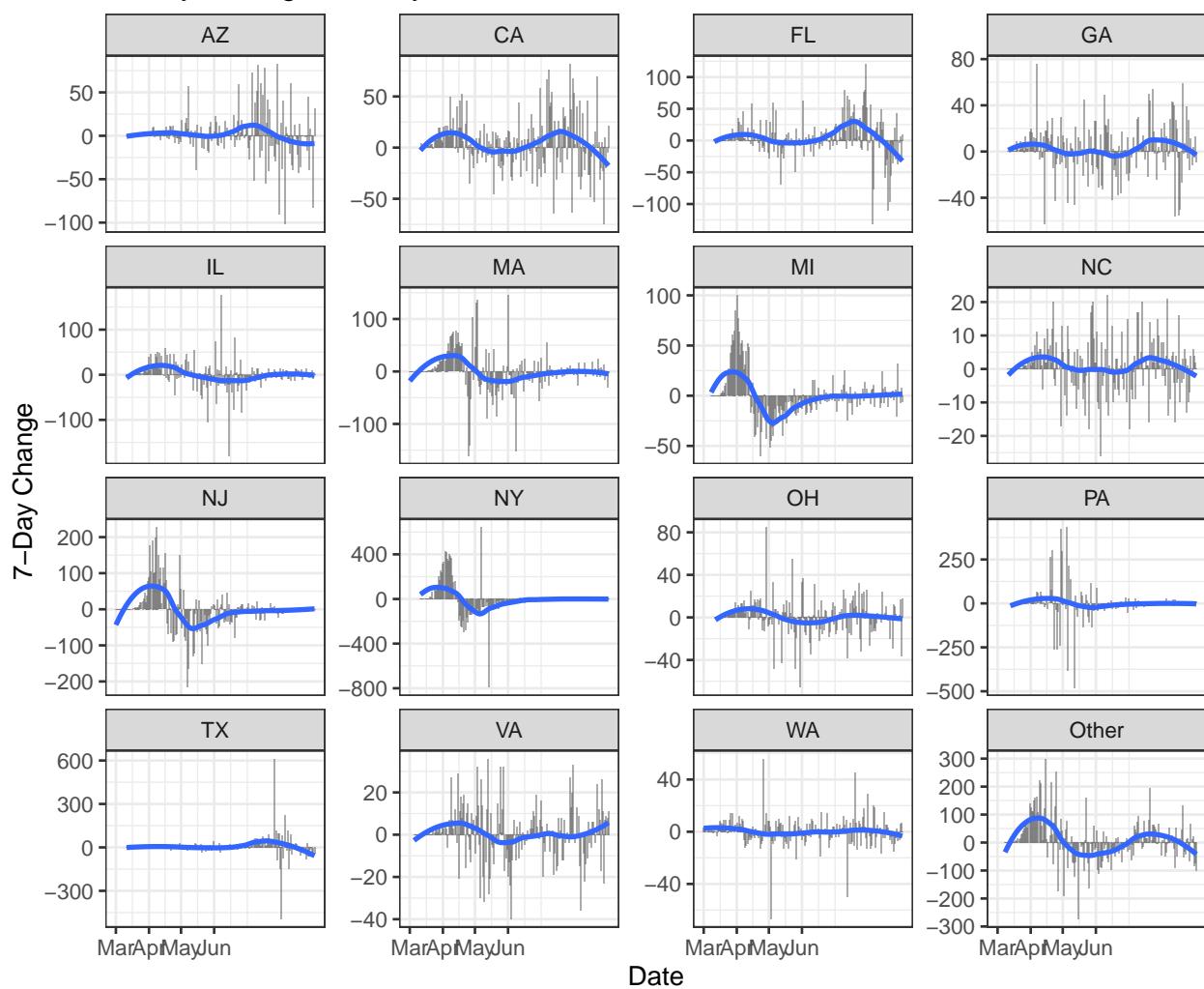
Deaths by State

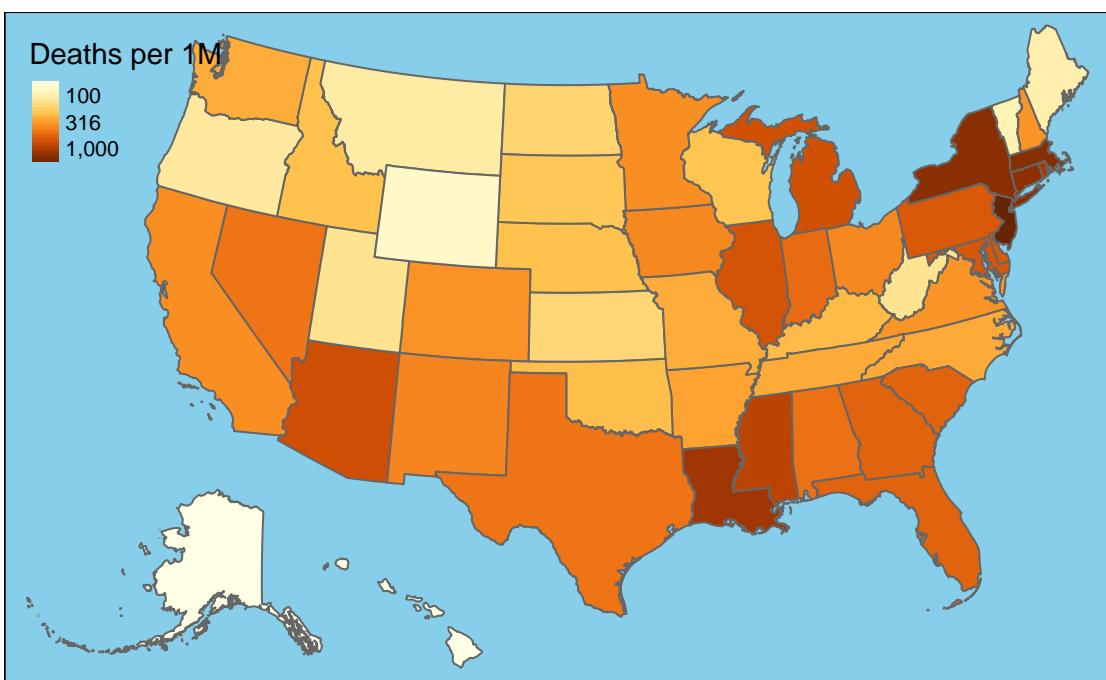
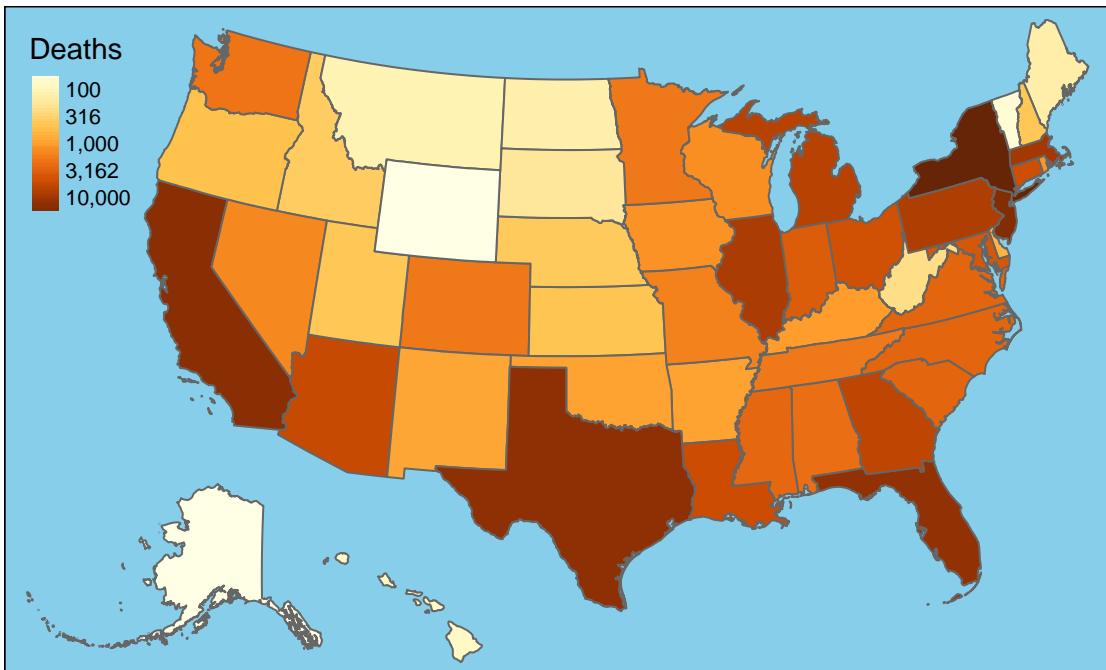


New Deaths by State



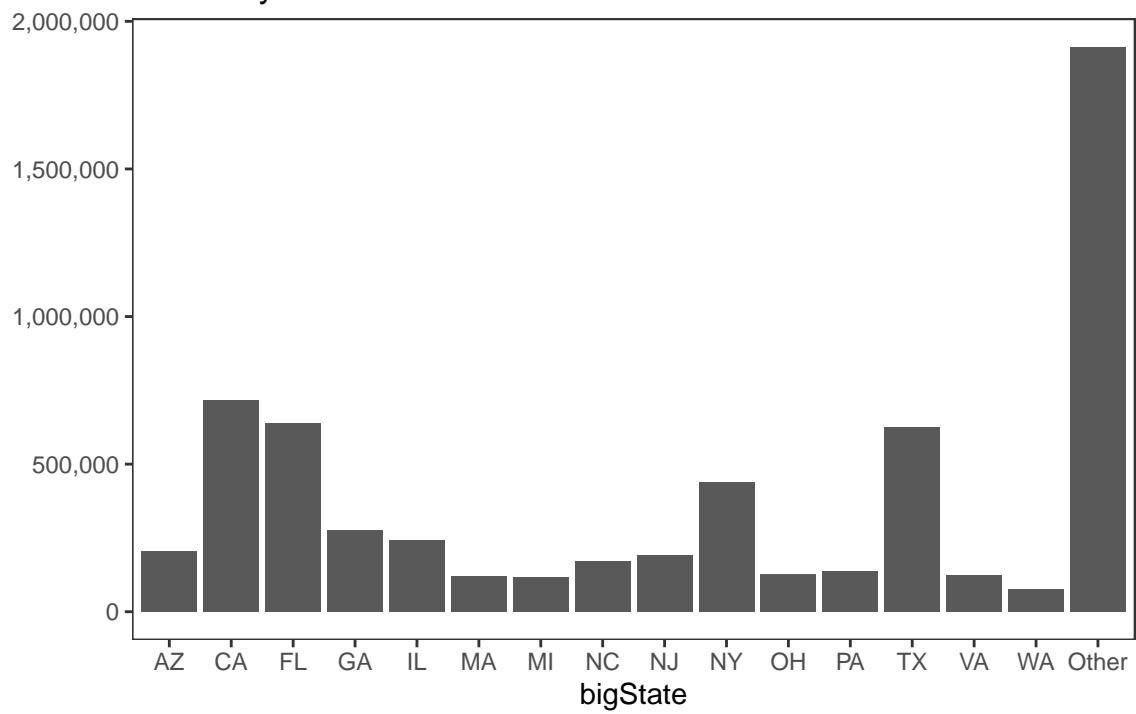
7-Day Change in Daily Deaths



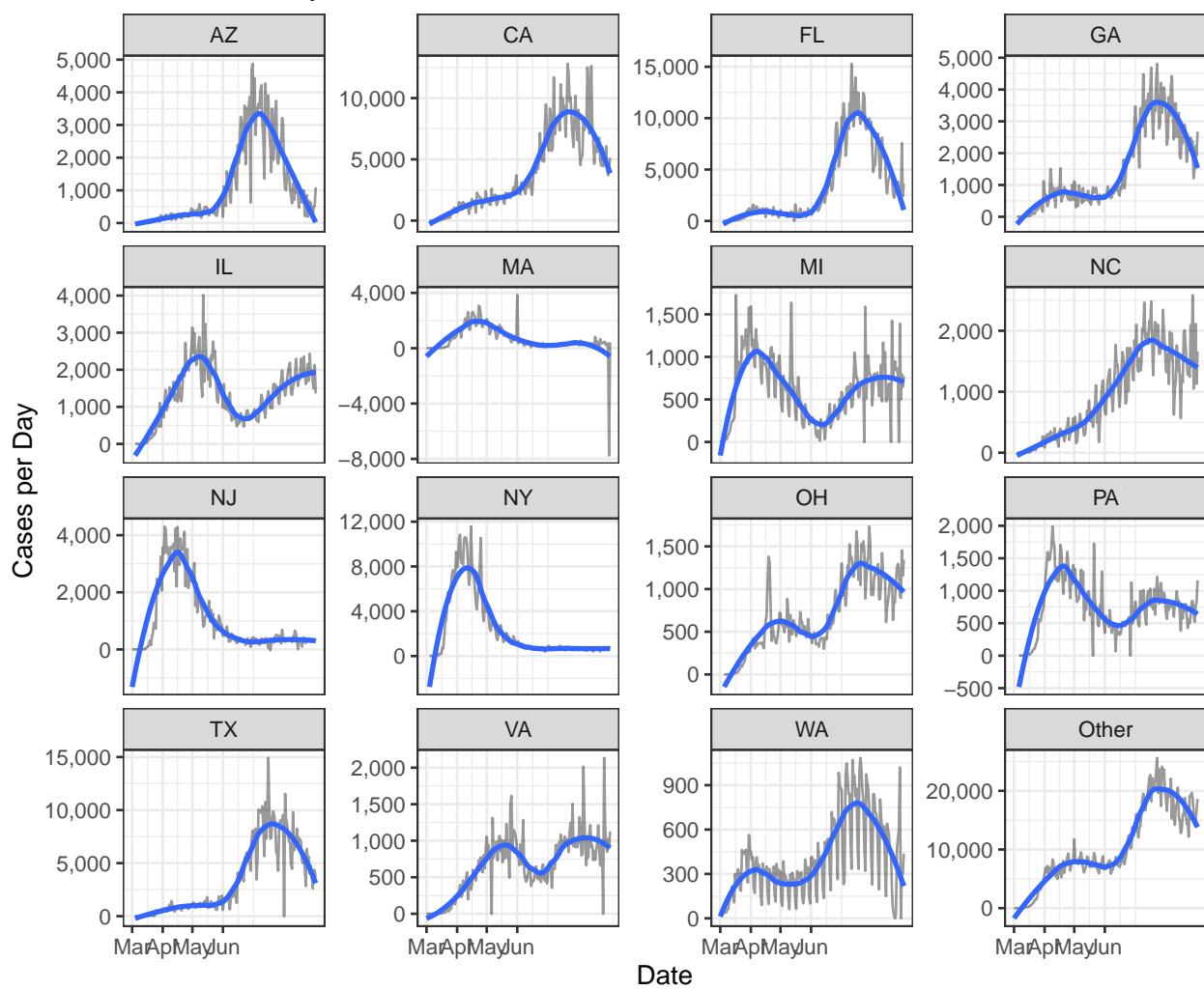


Cases

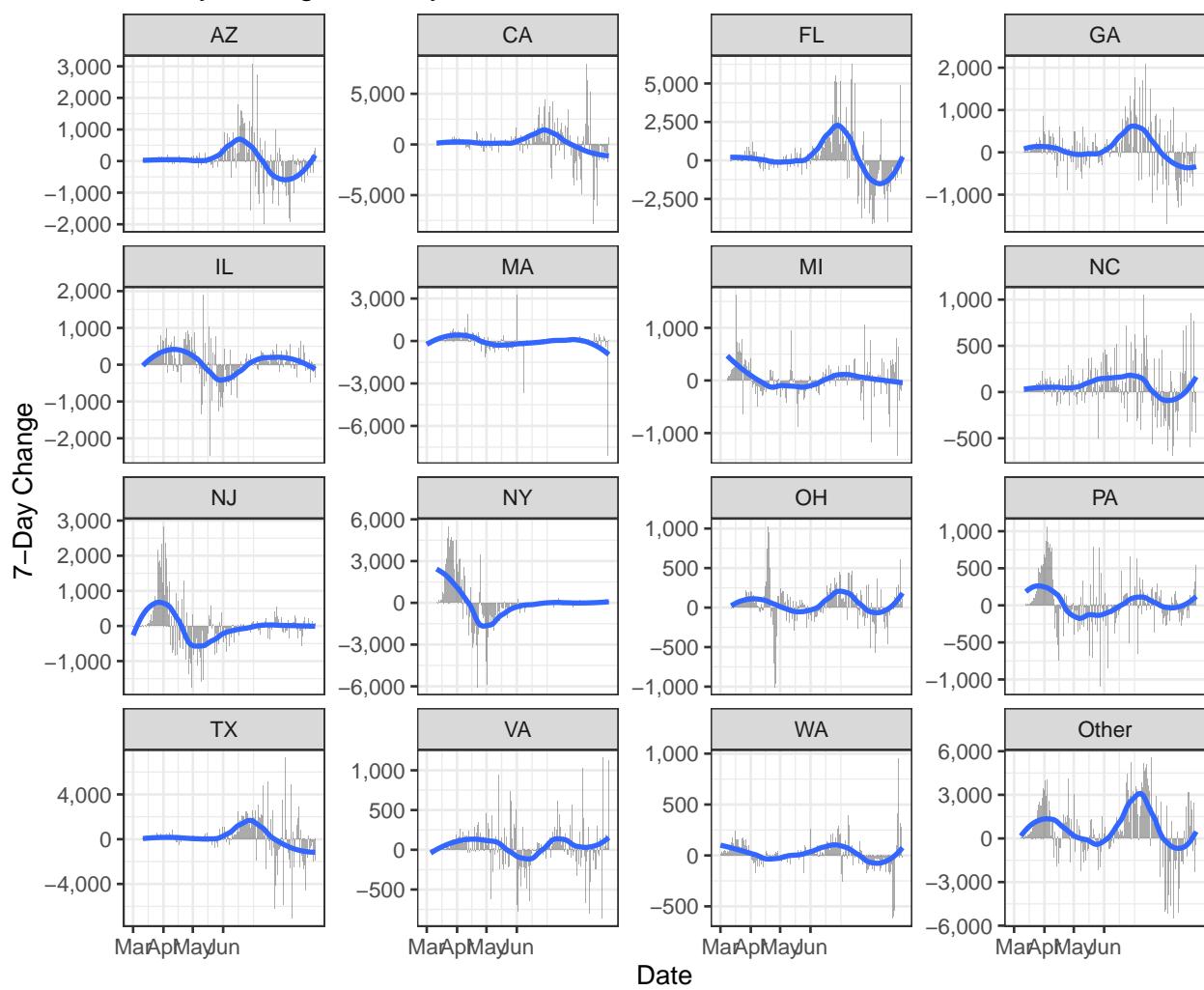
Cases by State

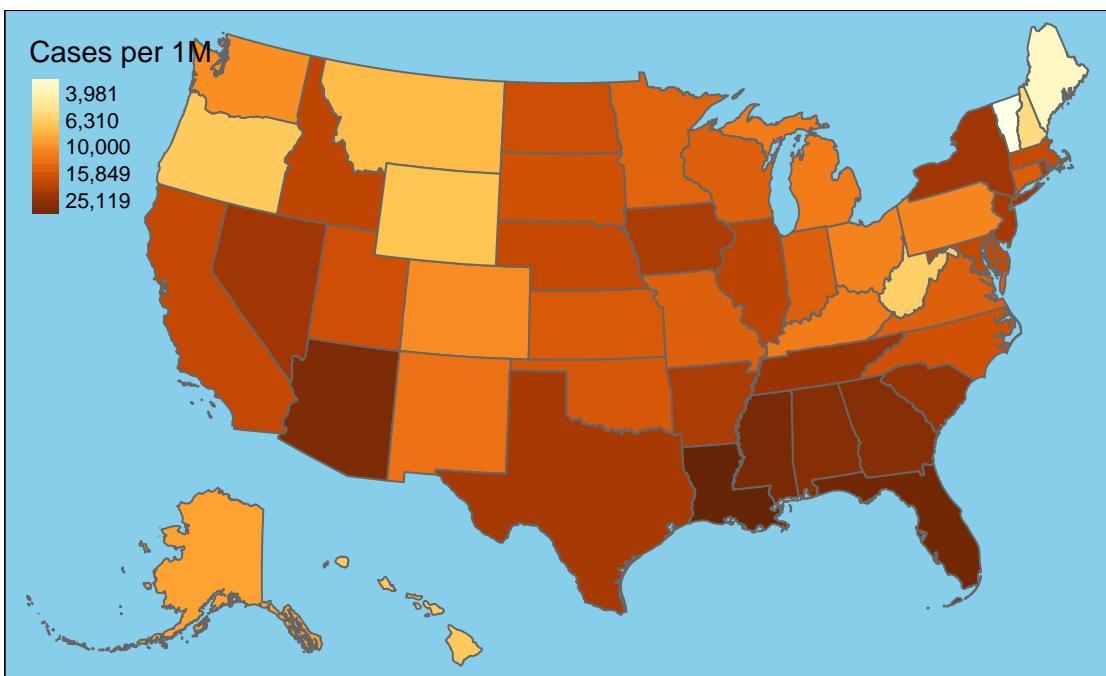
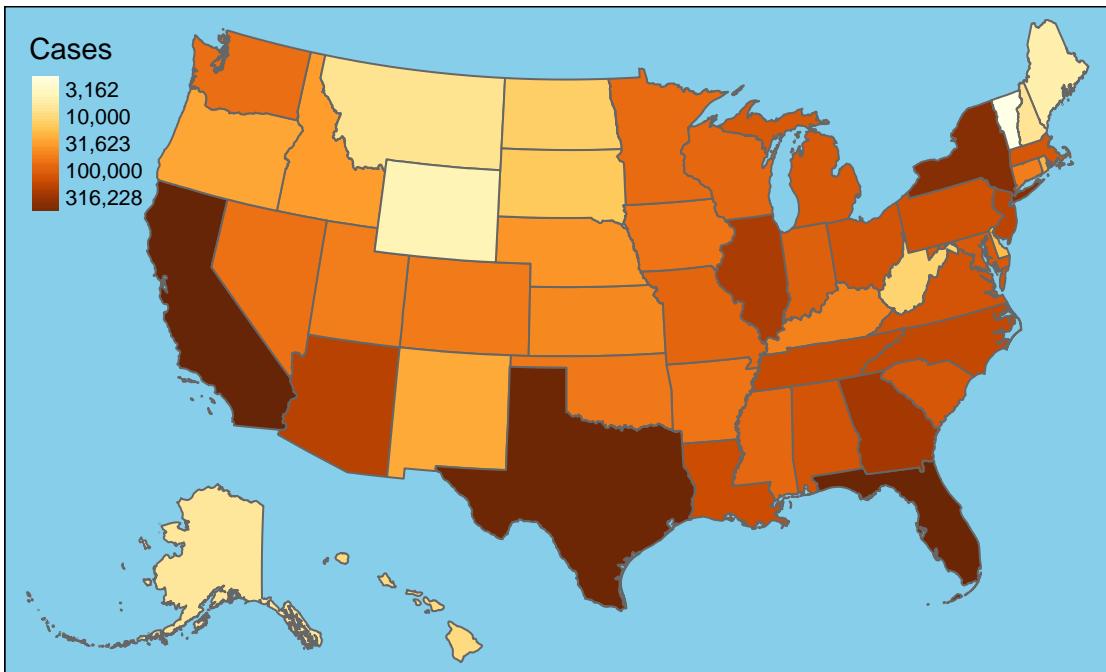


New Cases by State

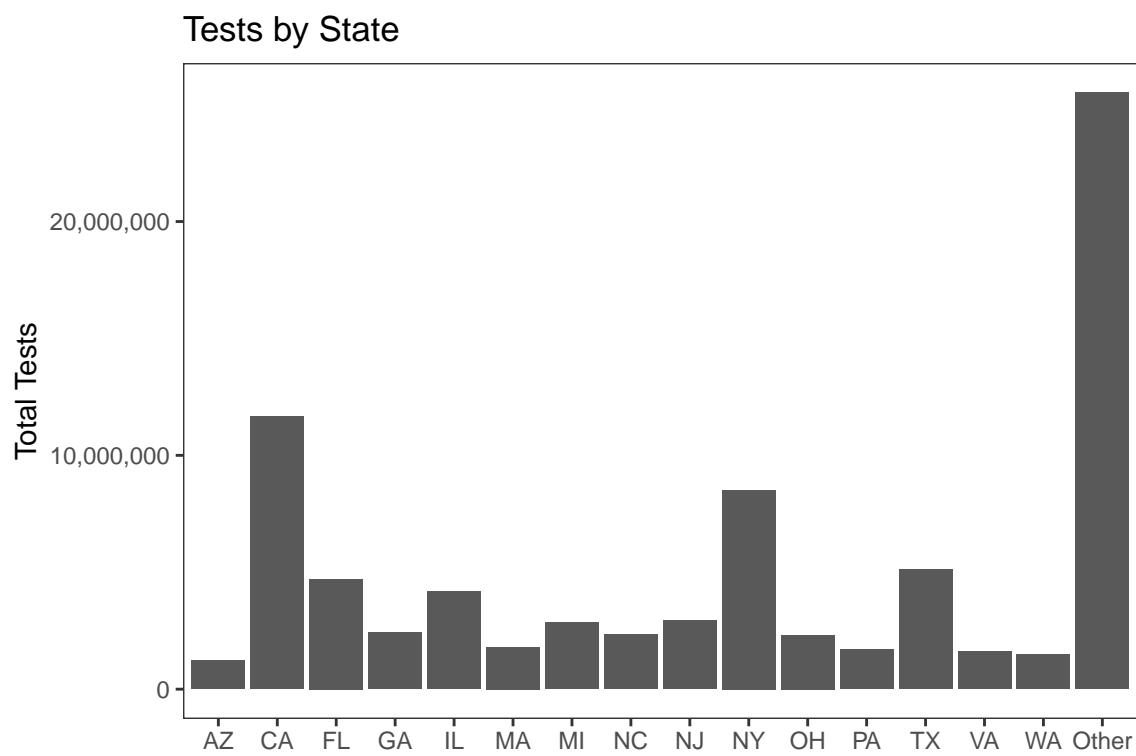


7-Day Change in Daily Cases

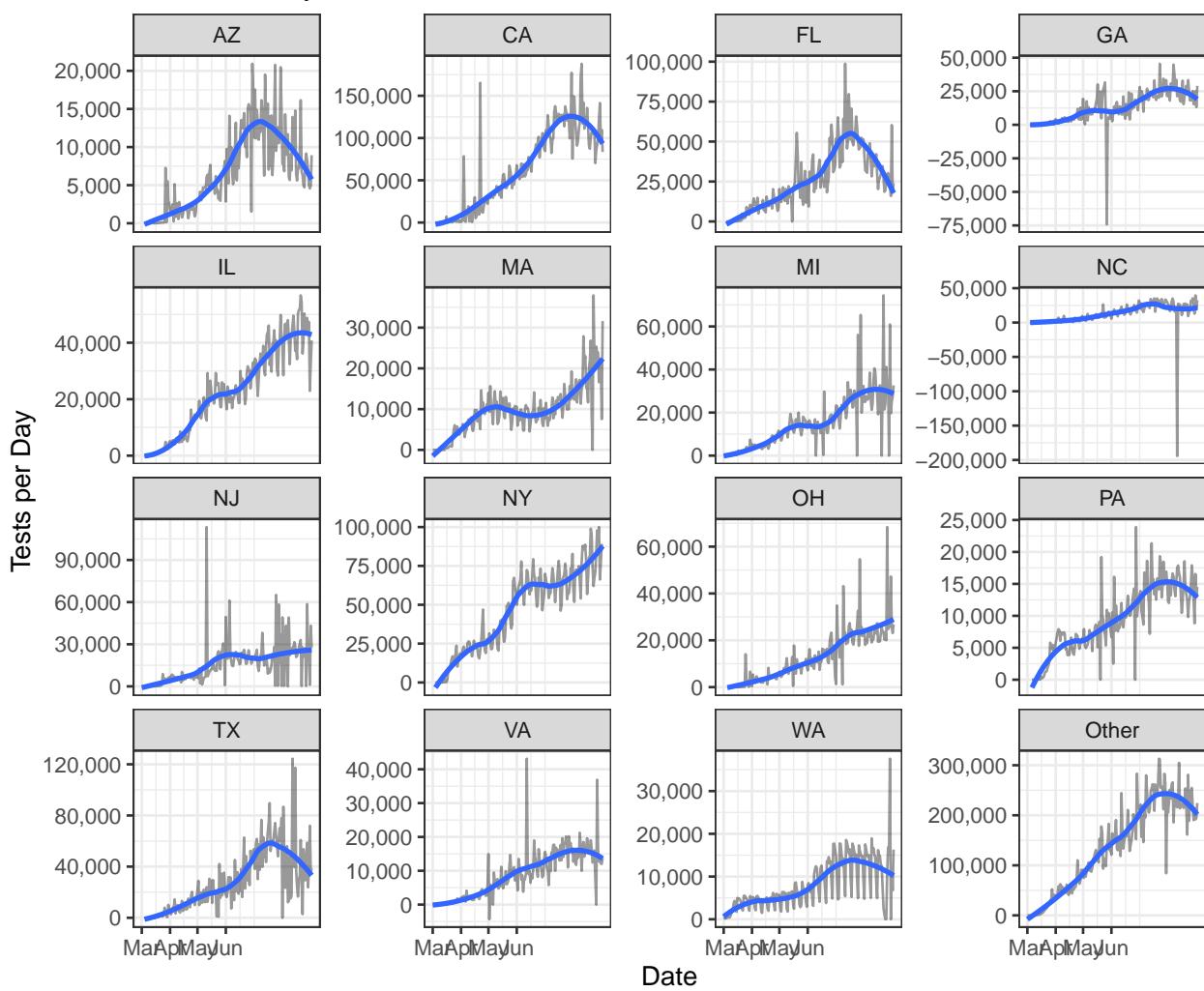


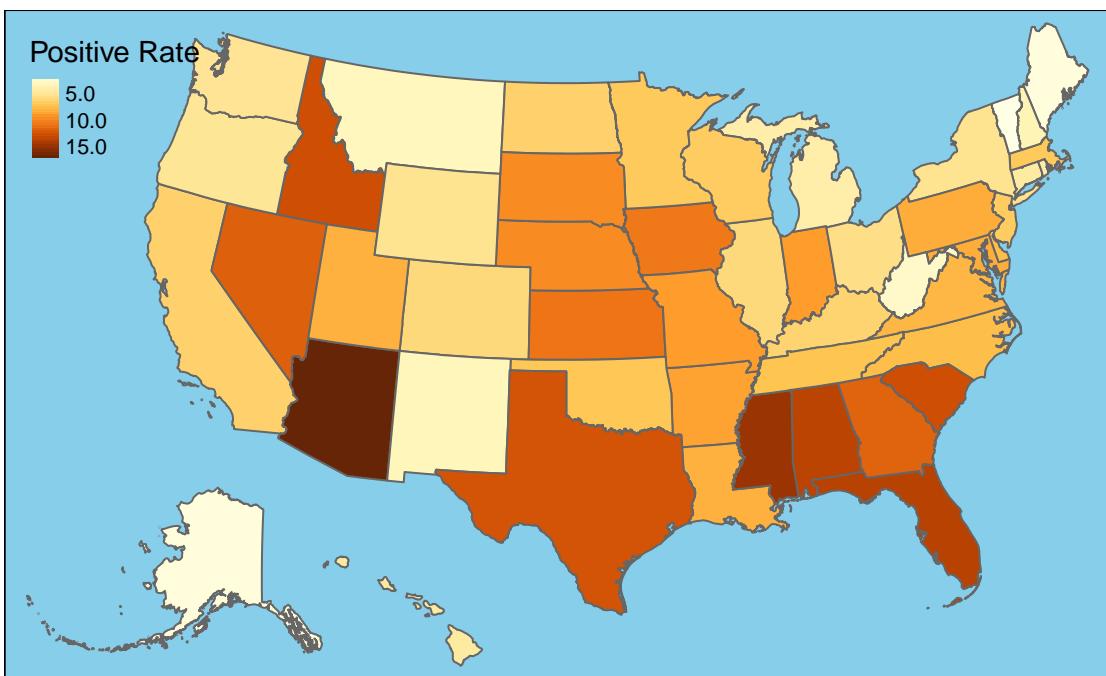
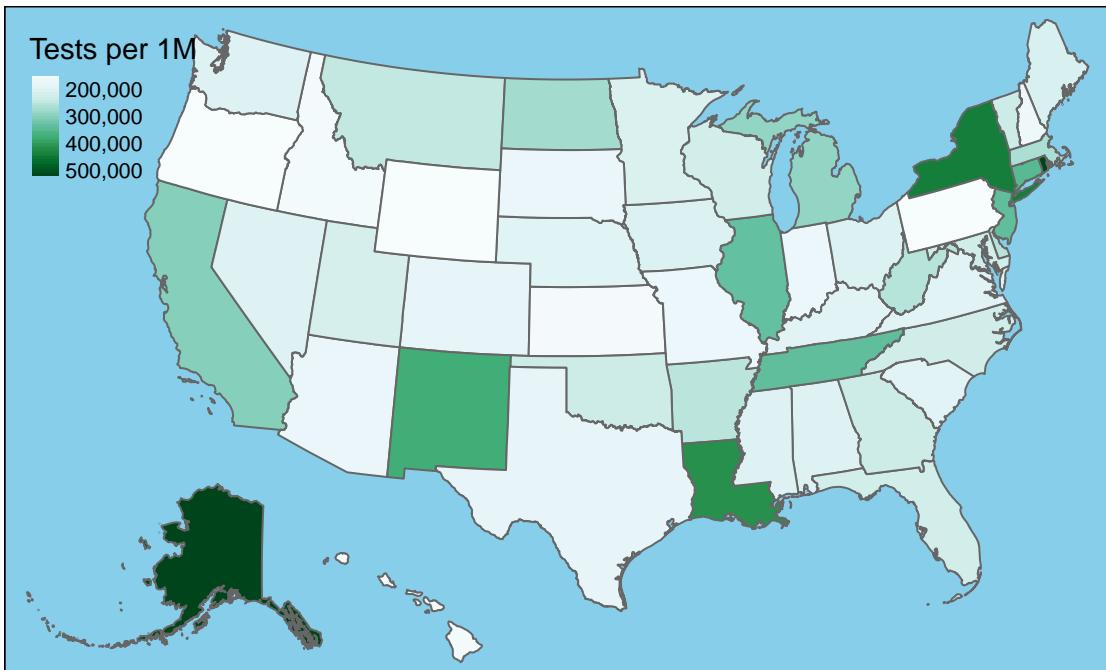


Testing

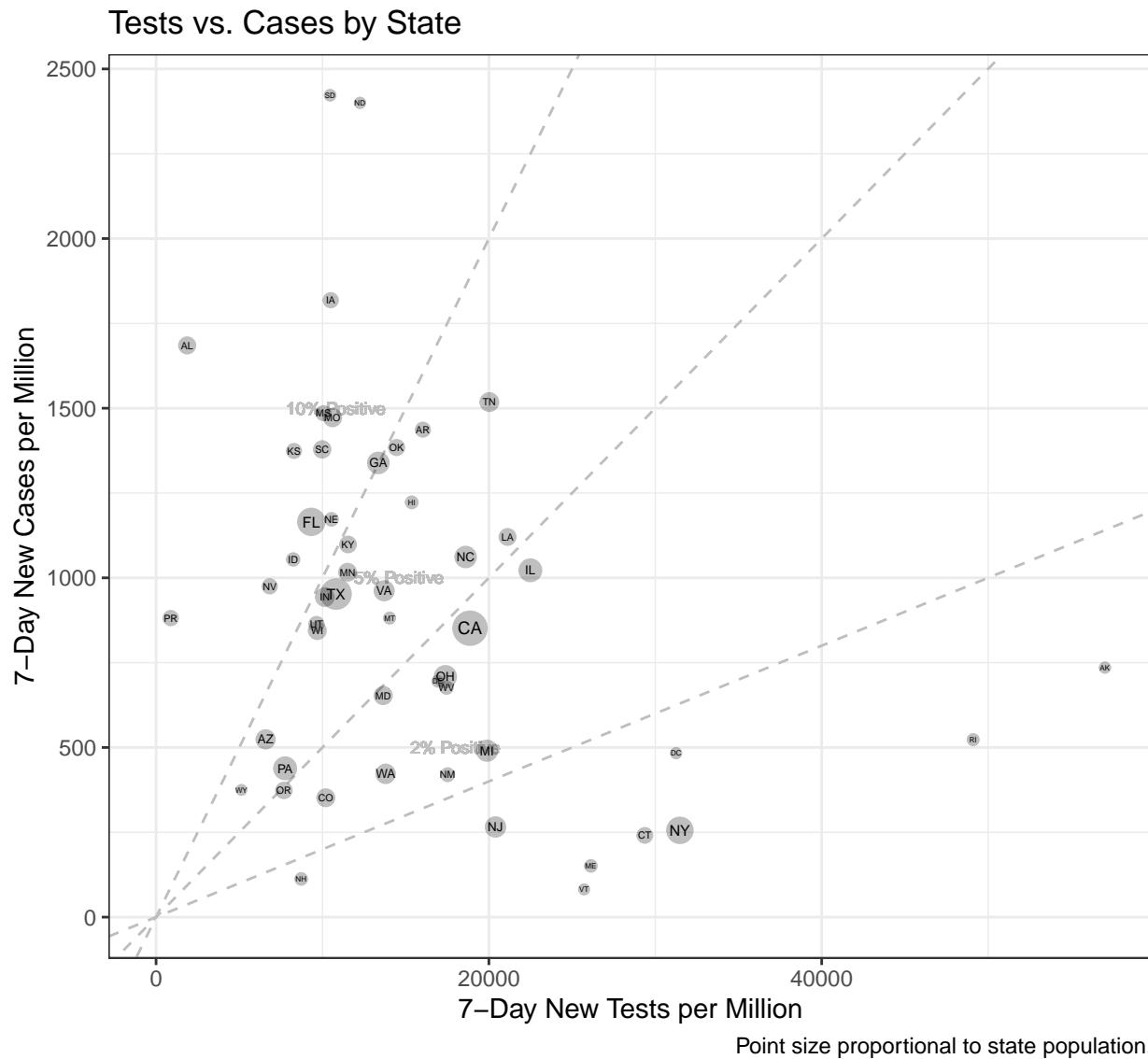


New Tests by State





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.



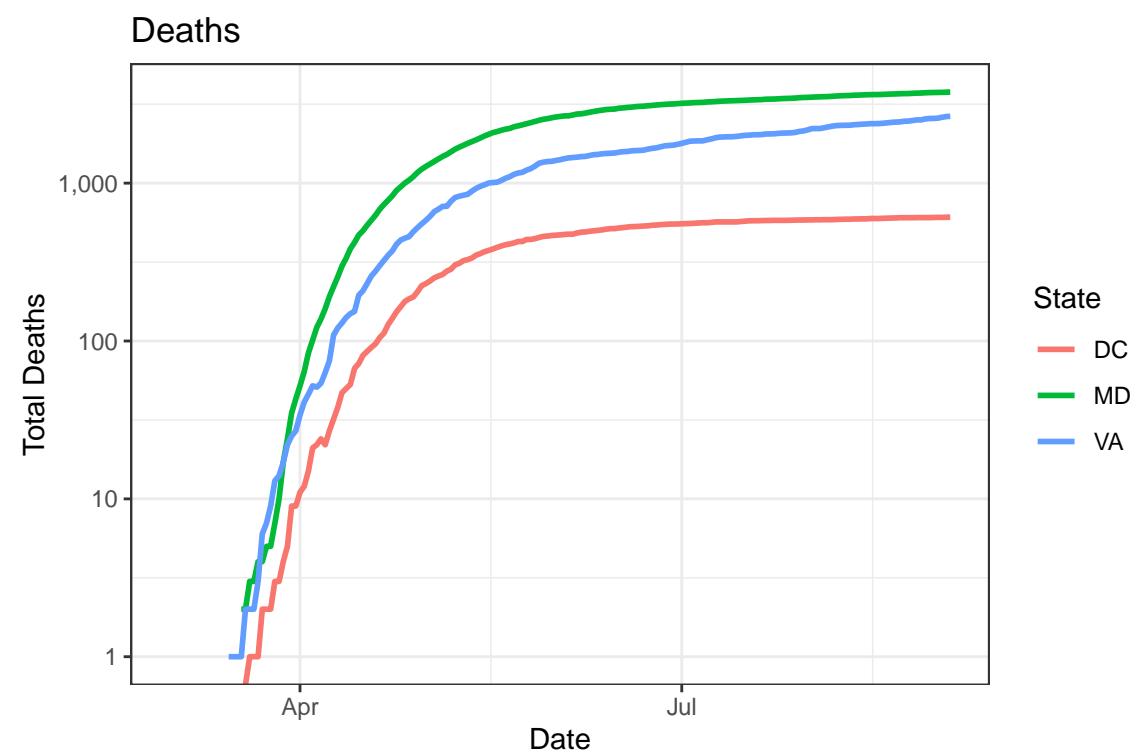
Local Data

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

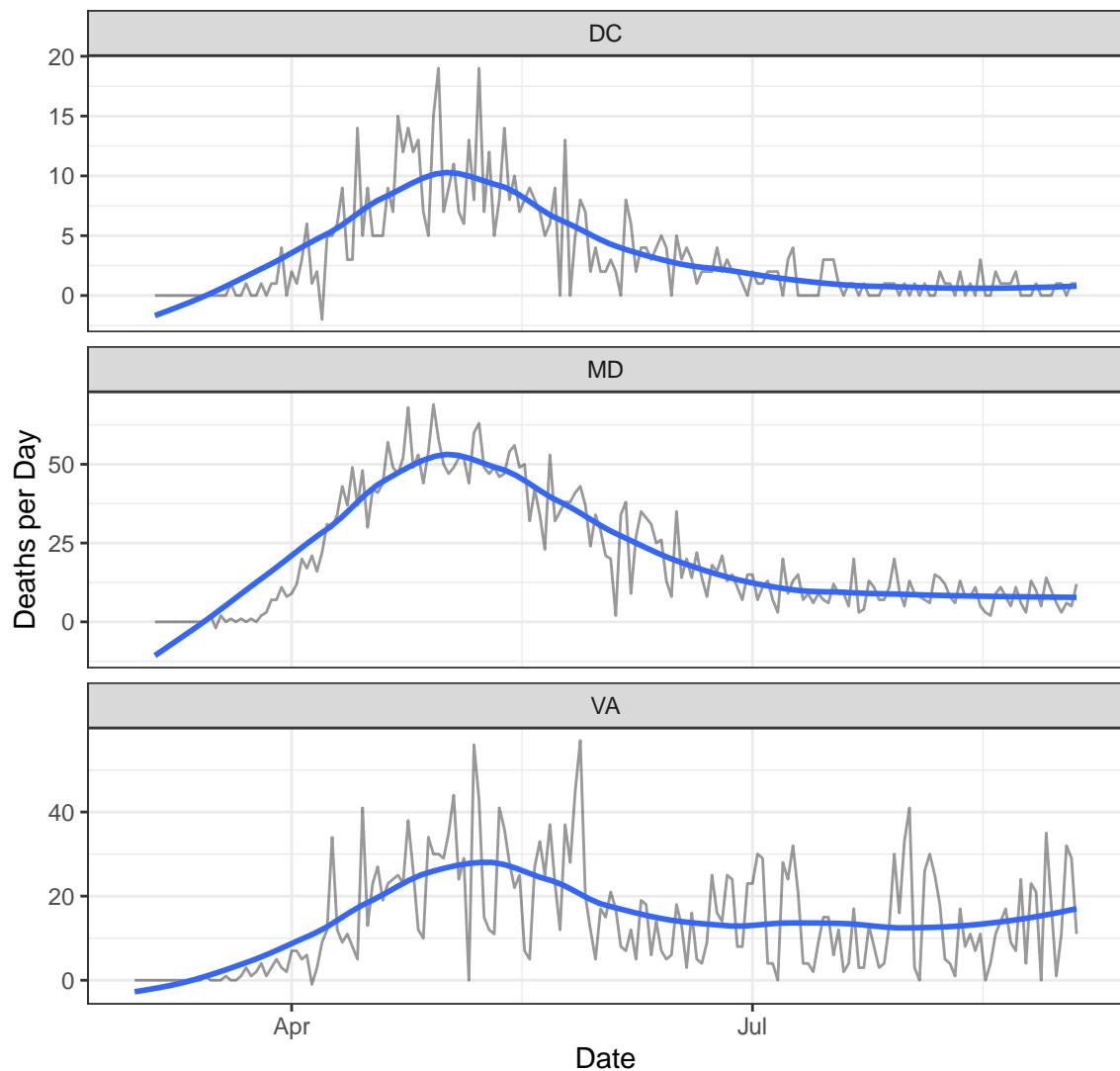
Table 3: Latest Local Data

State	Cases	Deaths	New Cases	New Deaths
DC	14,135	609	58	1
MD	110,012	3,778	693	12
VA	123,668	2,652	1,126	11

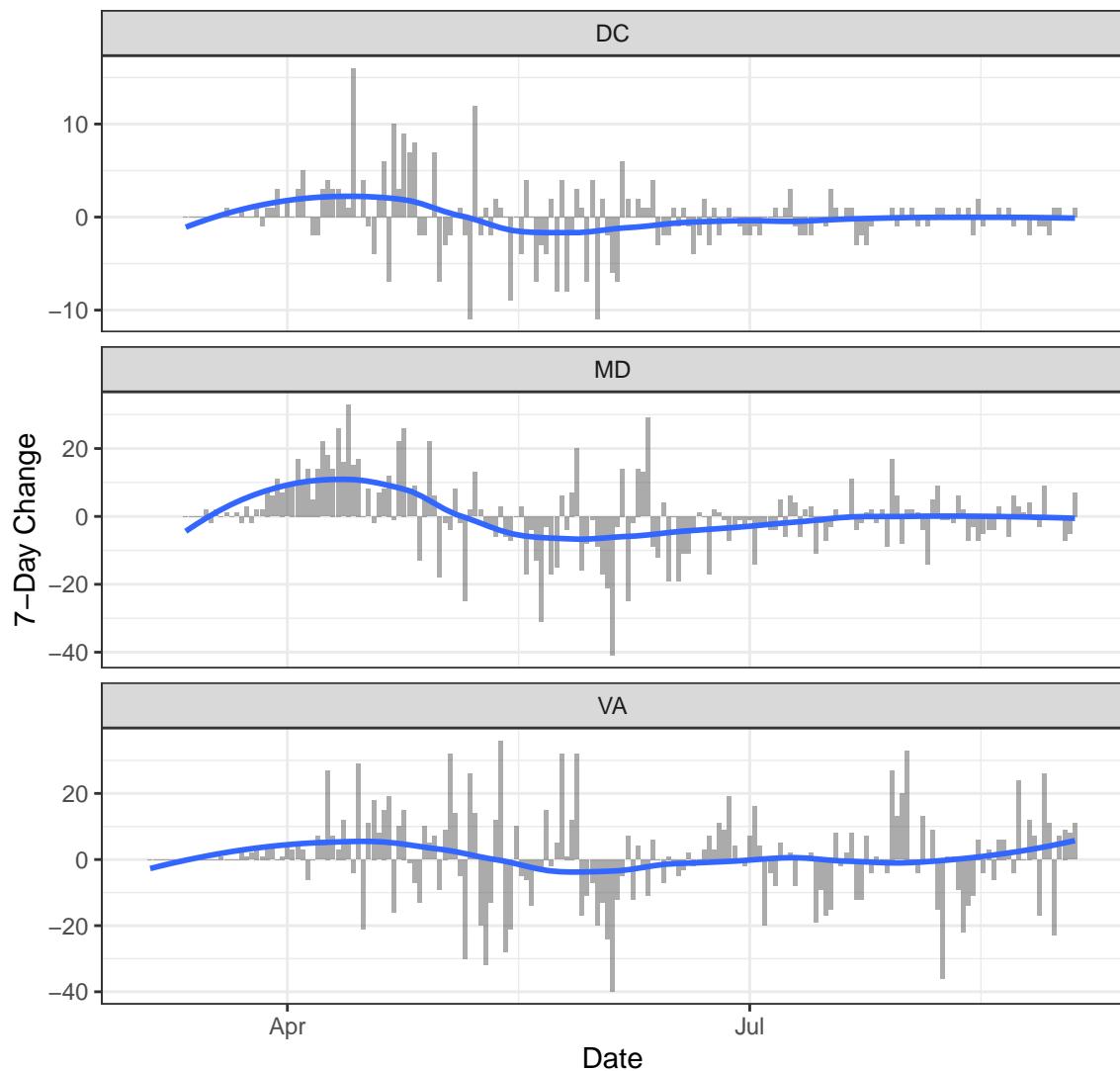
Deaths

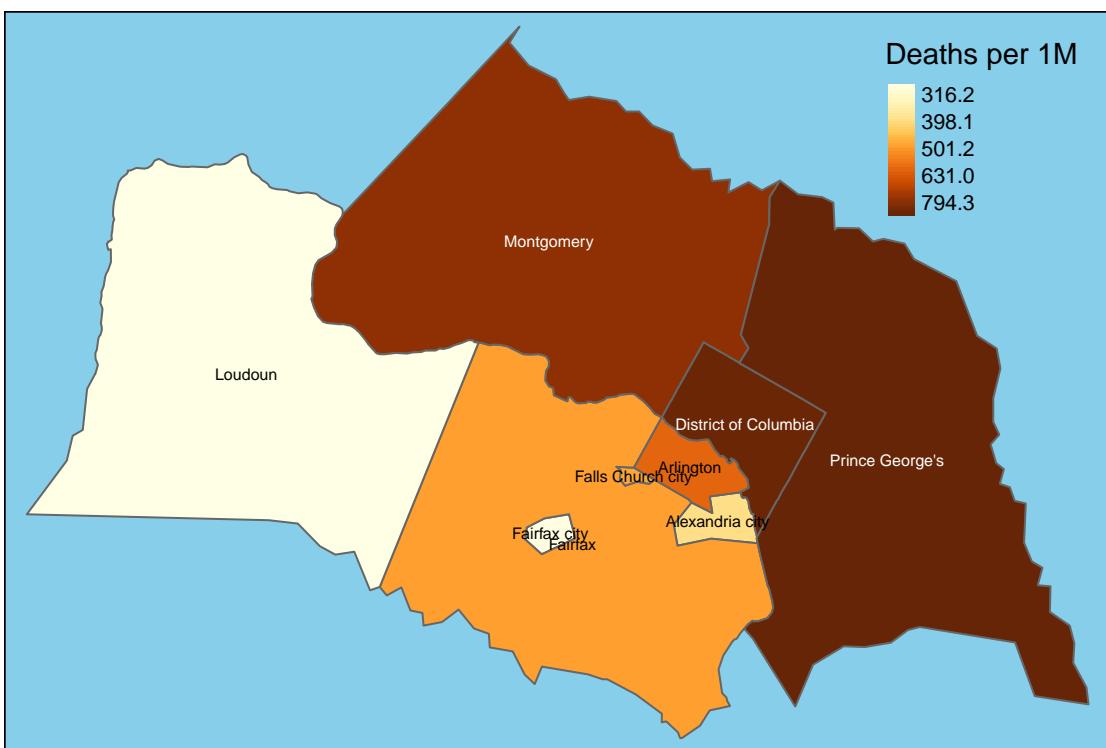
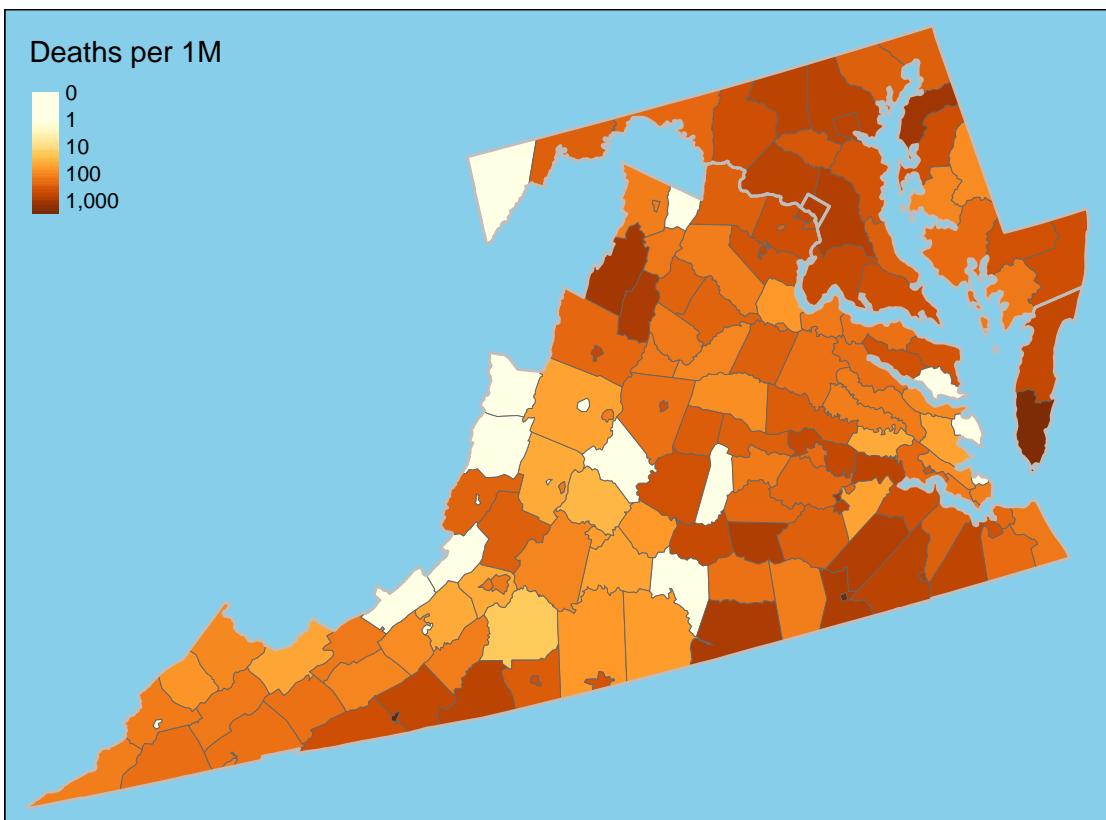


New Deaths

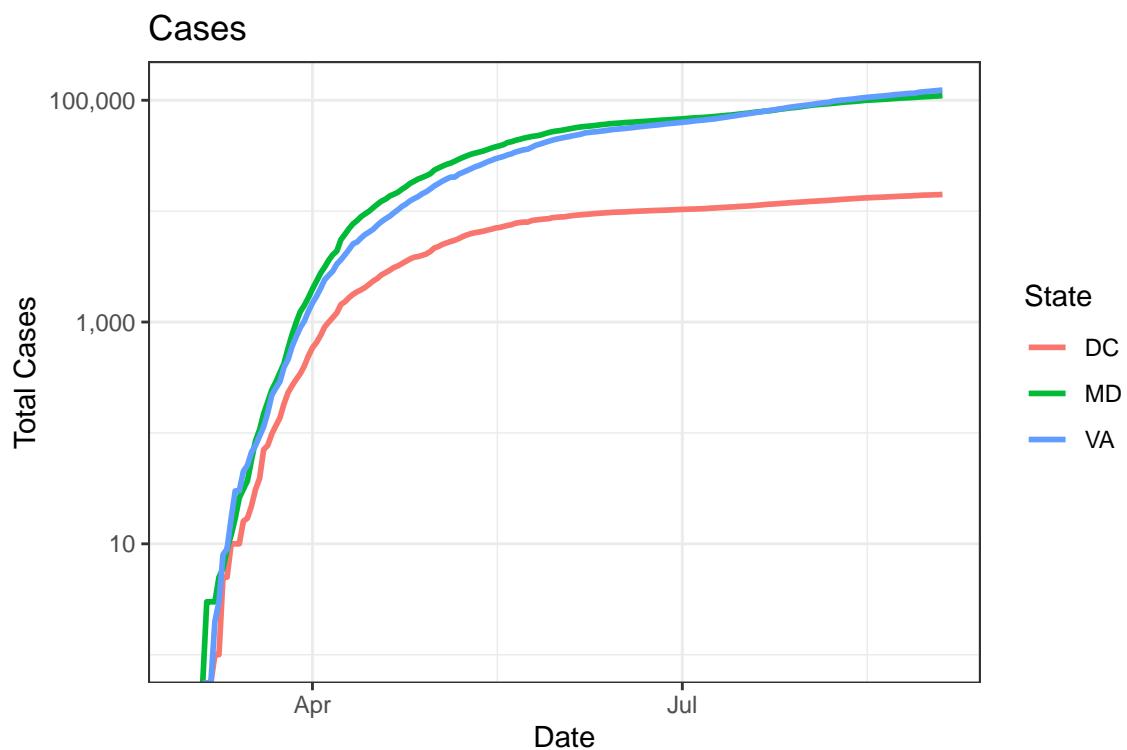


One-Week Change in Daily Deaths

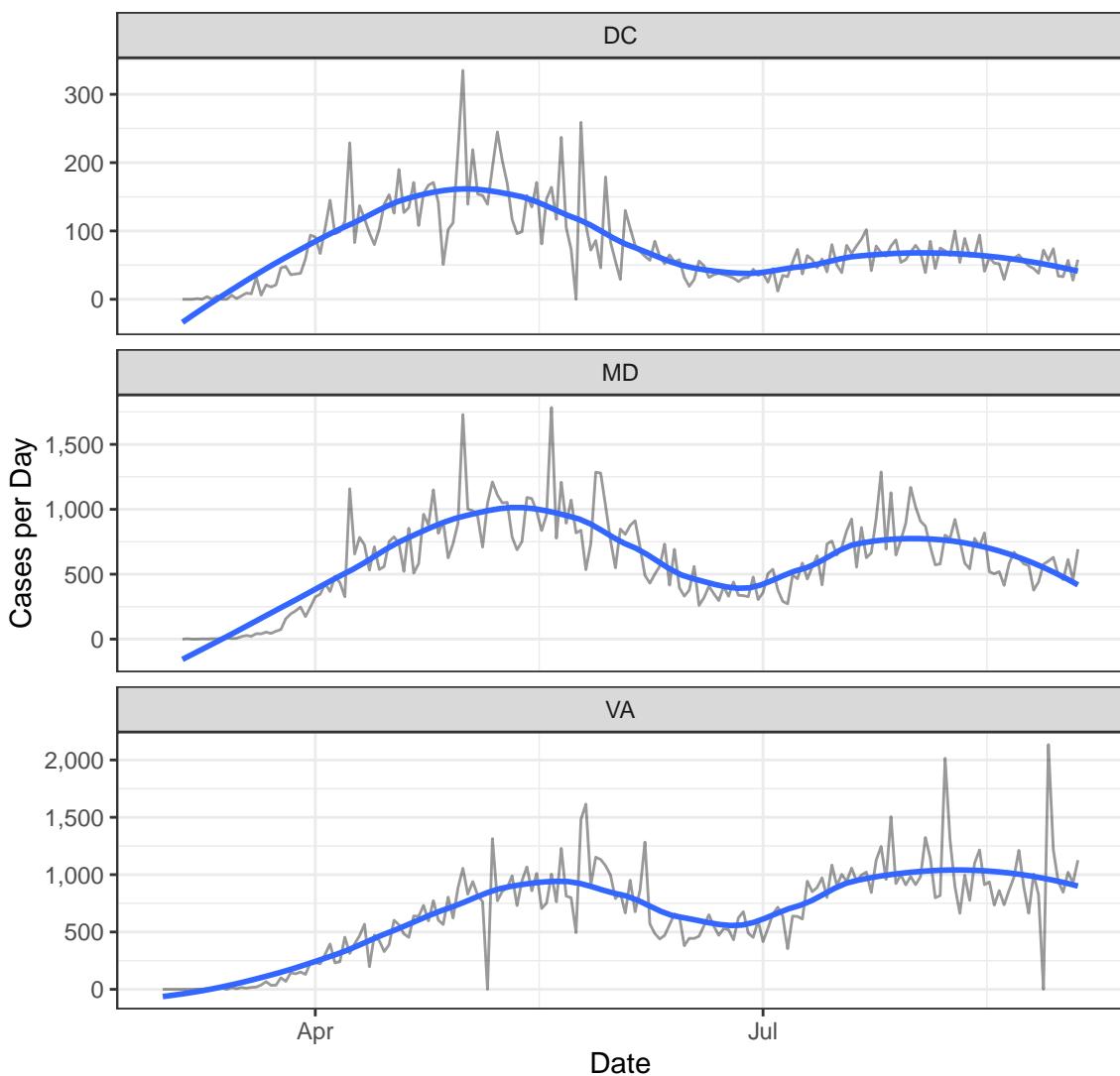




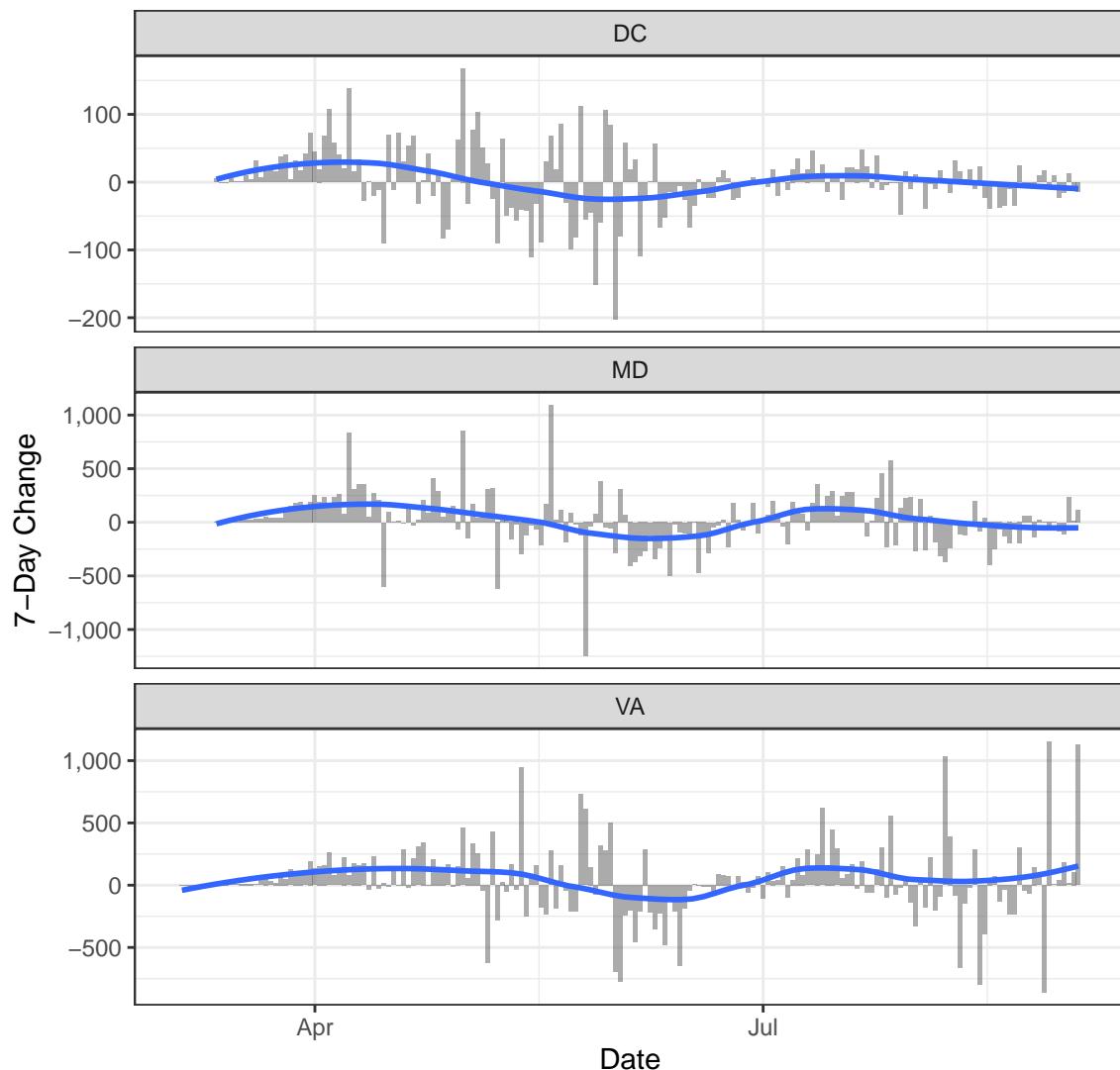
Cases

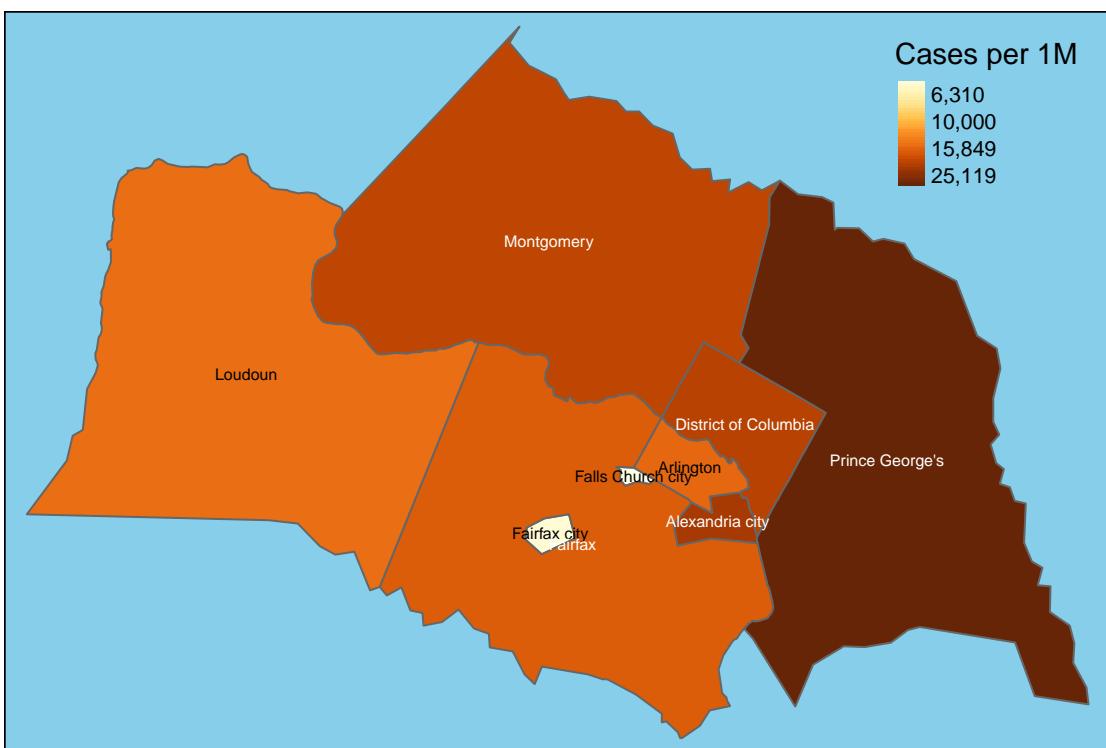
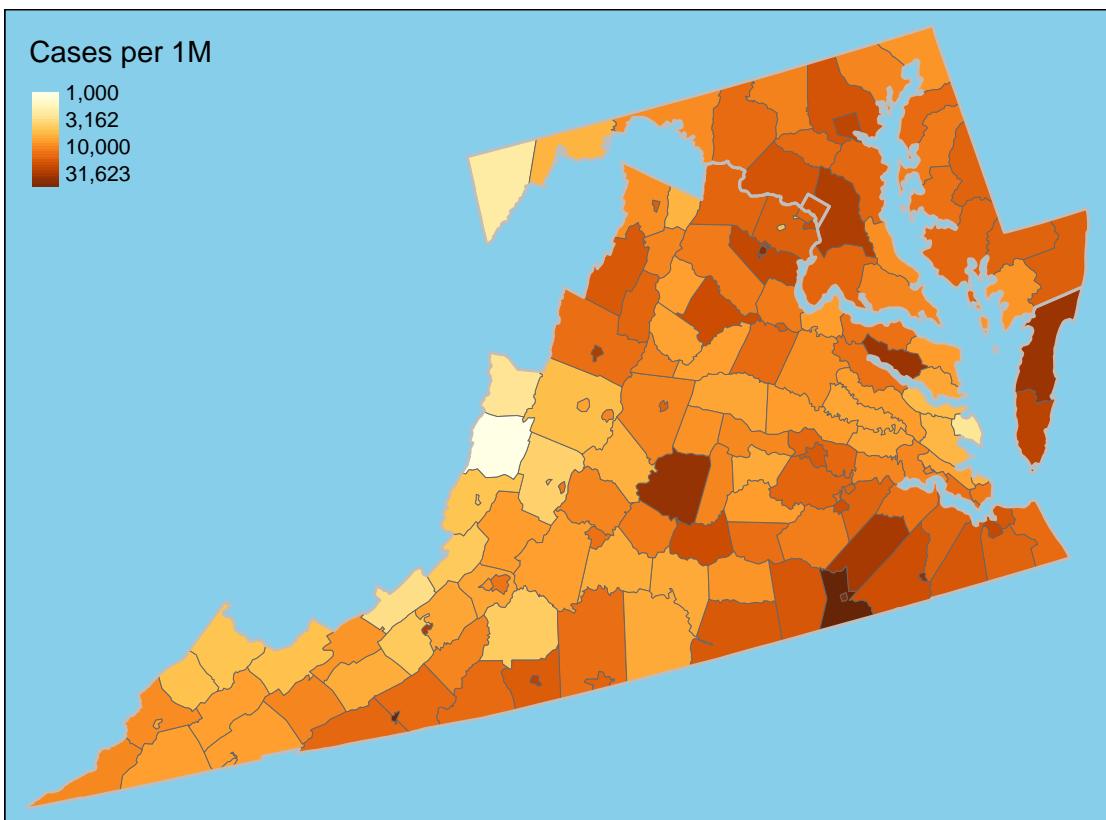


New Cases

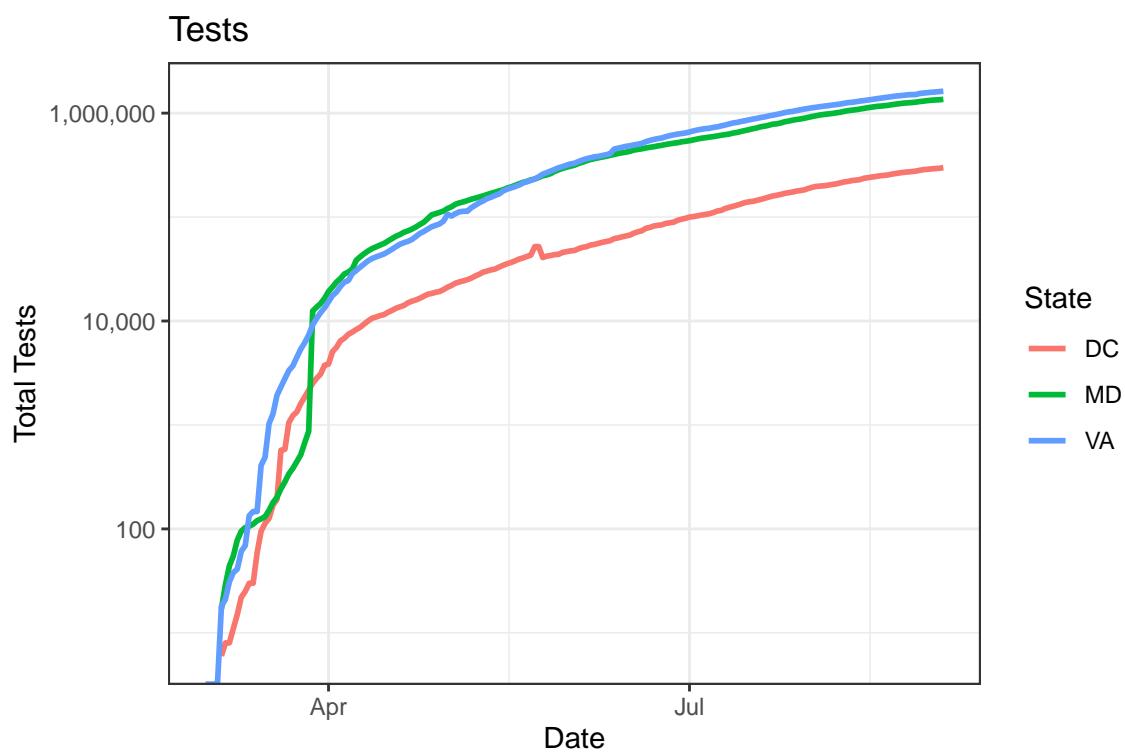


One-Week Change in Daily Cases

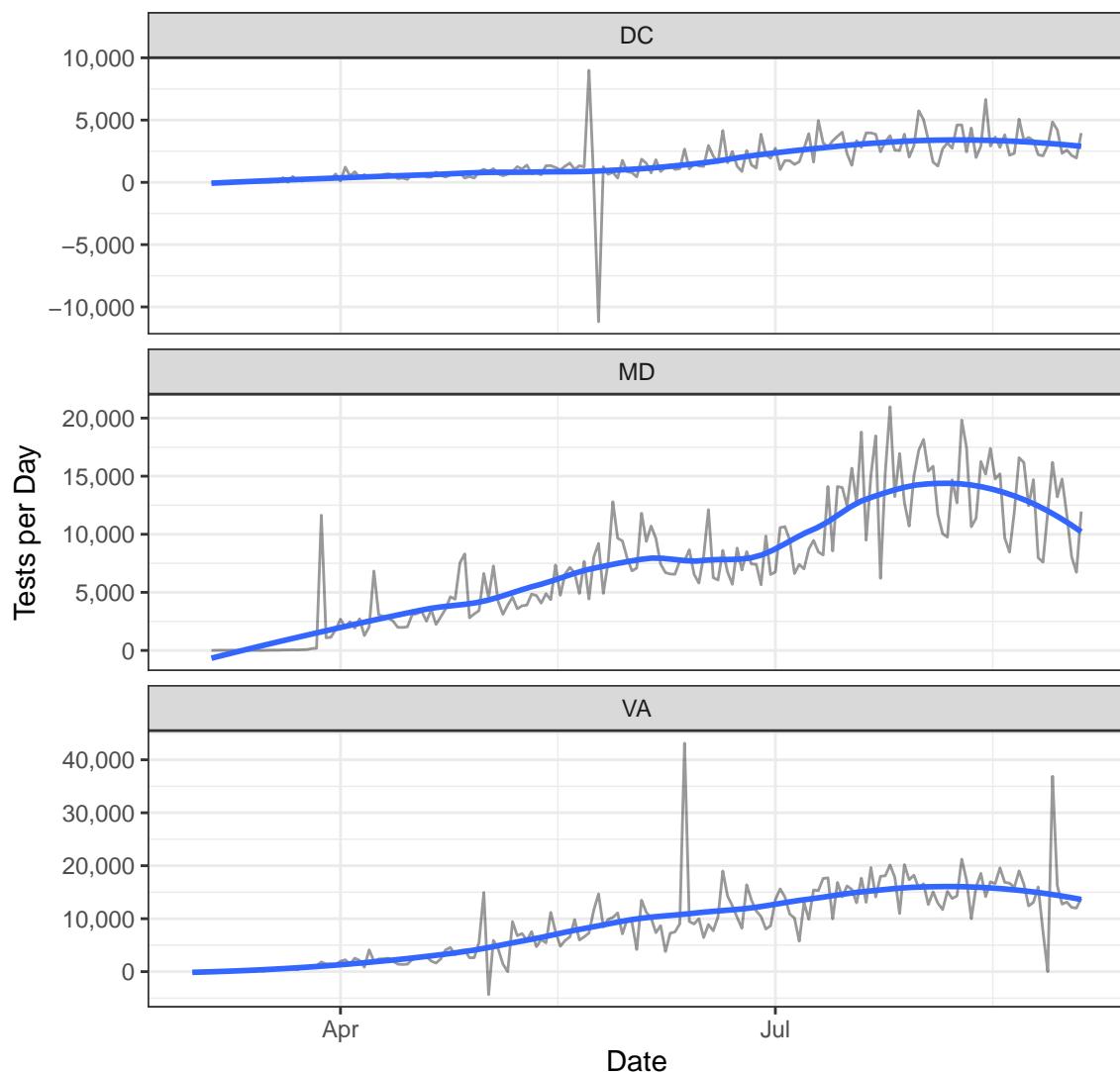




Testing



New Tests



Positive Test Rate

