

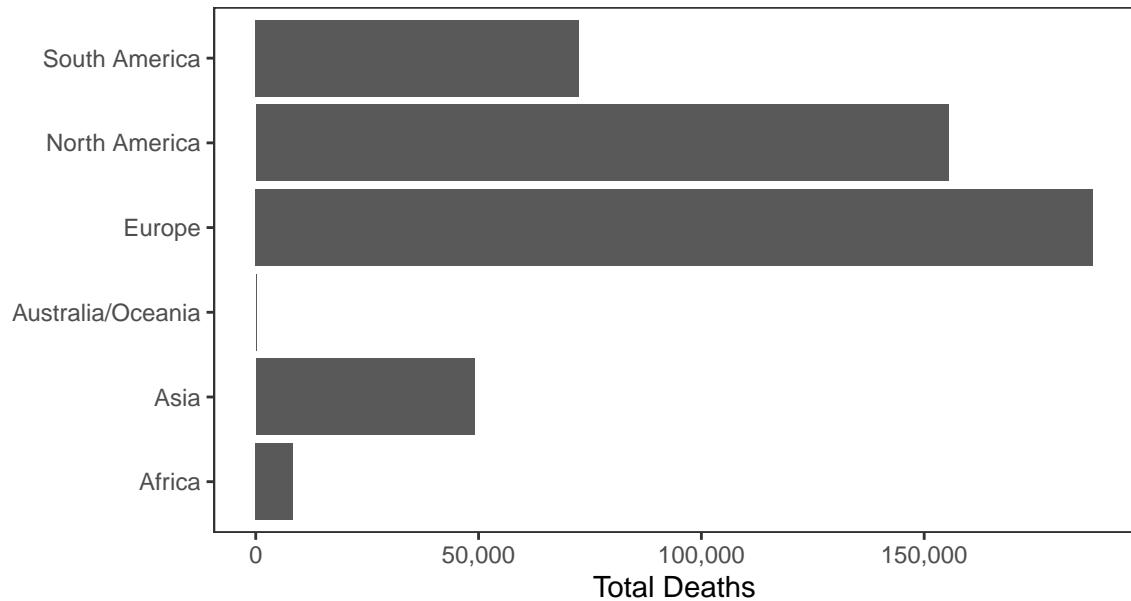
# Erik's Covid-19 Chart Pack

Data updated 2020-06-23 19:58:50. 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 9,182,575 confirmed Covid-19 cases and 473,484 deaths worldwide.

**Deaths**



**Cases**

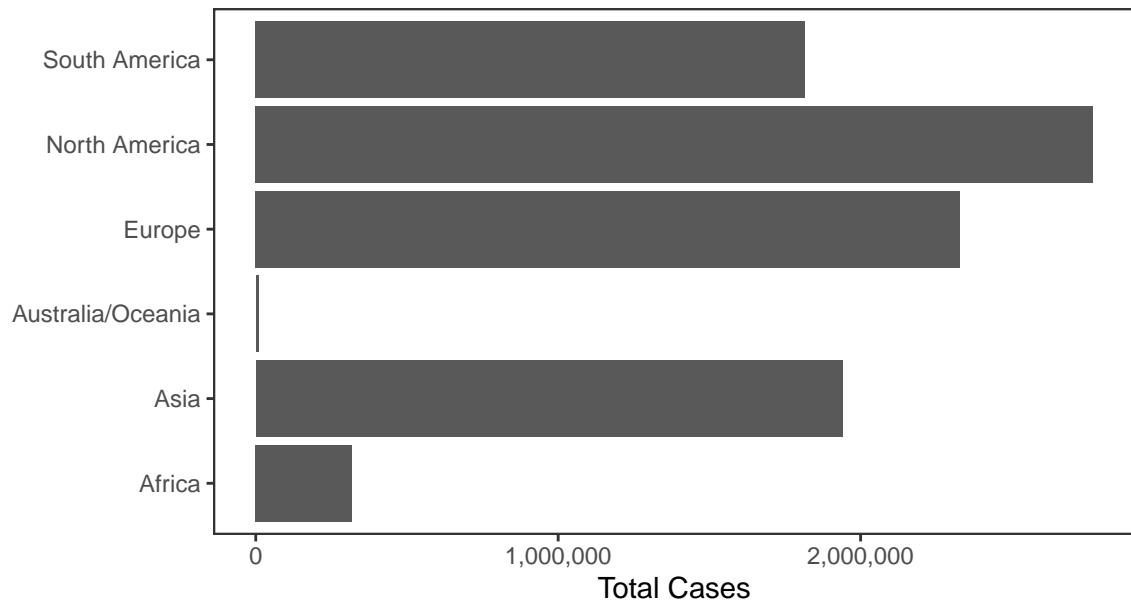
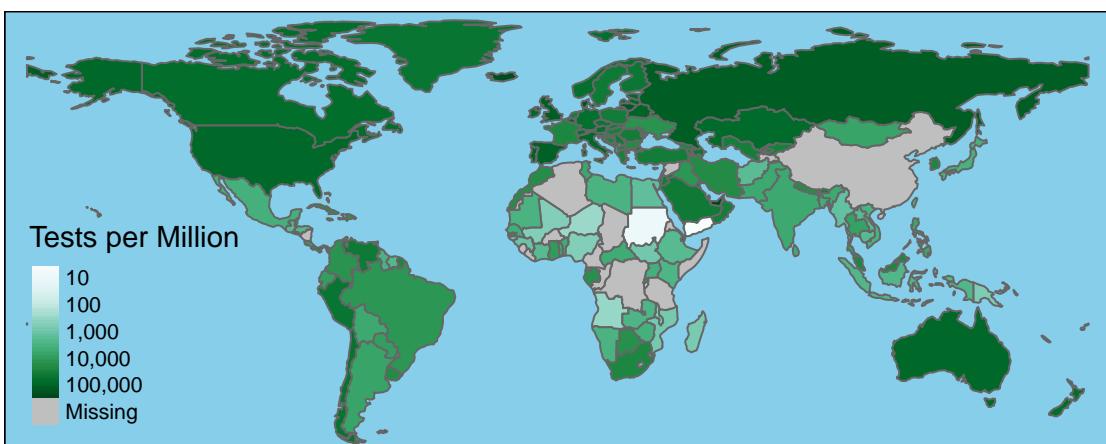
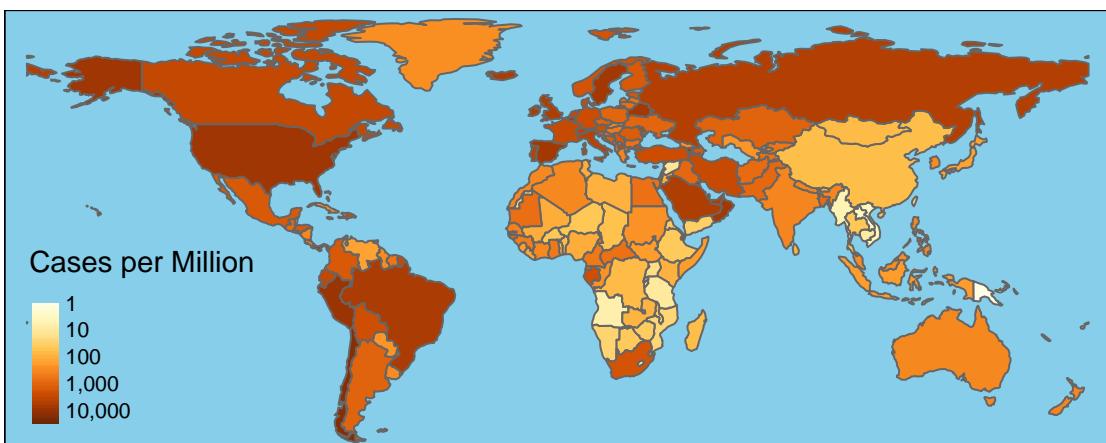
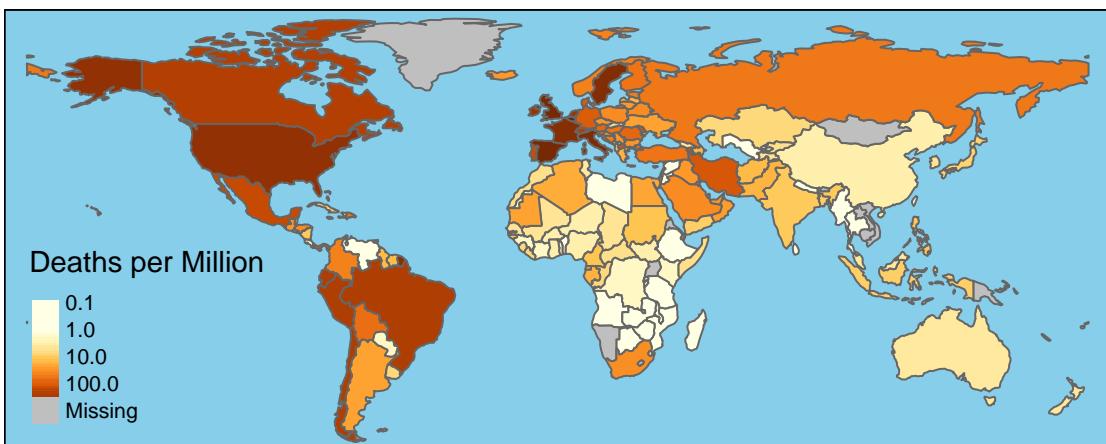


Table 1: Top Countries by Total Cases

Country	Cases	Deaths	New Cases	New Deaths
USA	2,388,153	122,610	31,496	363
Brazil	1,111,348	51,407	24,358	748
Russia	592,280	8,206	7,600	95
India	440,450	14,015	13,540	312
UK	305,289	42,647	958	15
Spain	293,584	28,324	232	1
Peru	257,447	8,223	2,511	178
Chile	246,963	4,502	4,608	23
Italy	238,720	34,657	221	23
Iran	207,525	9,742	2,573	119
Germany	192,119	8,969	544	7
Turkey	188,897	4,974	1,212	24
Pakistan	181,088	3,590	4,471	89
Mexico	180,545	21,825	5,343	1,044
Saudi Arabia	161,005	1,307	3,393	40
France	160,750	29,663	373	23
Bangladesh	115,786	1,502	3,480	38
Canada	101,637	8,436	300	6
South Africa	101,590	1,991	4,288	61
Qatar	88,403	99	1,034	1



## National Data

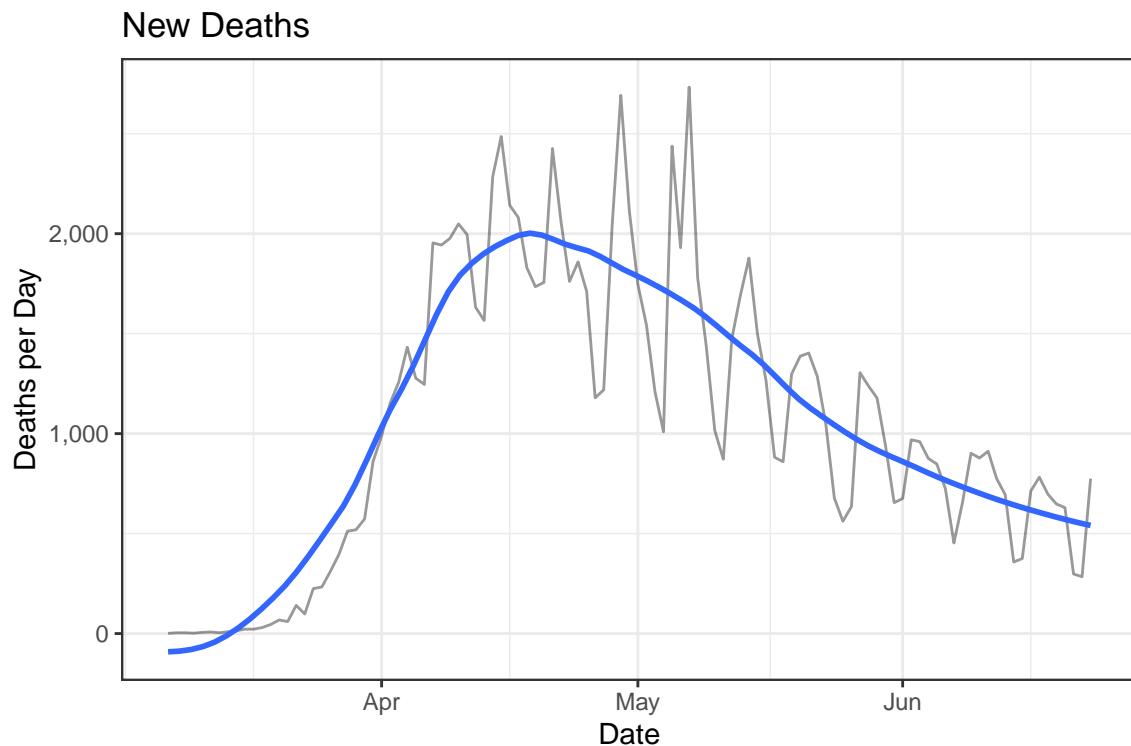
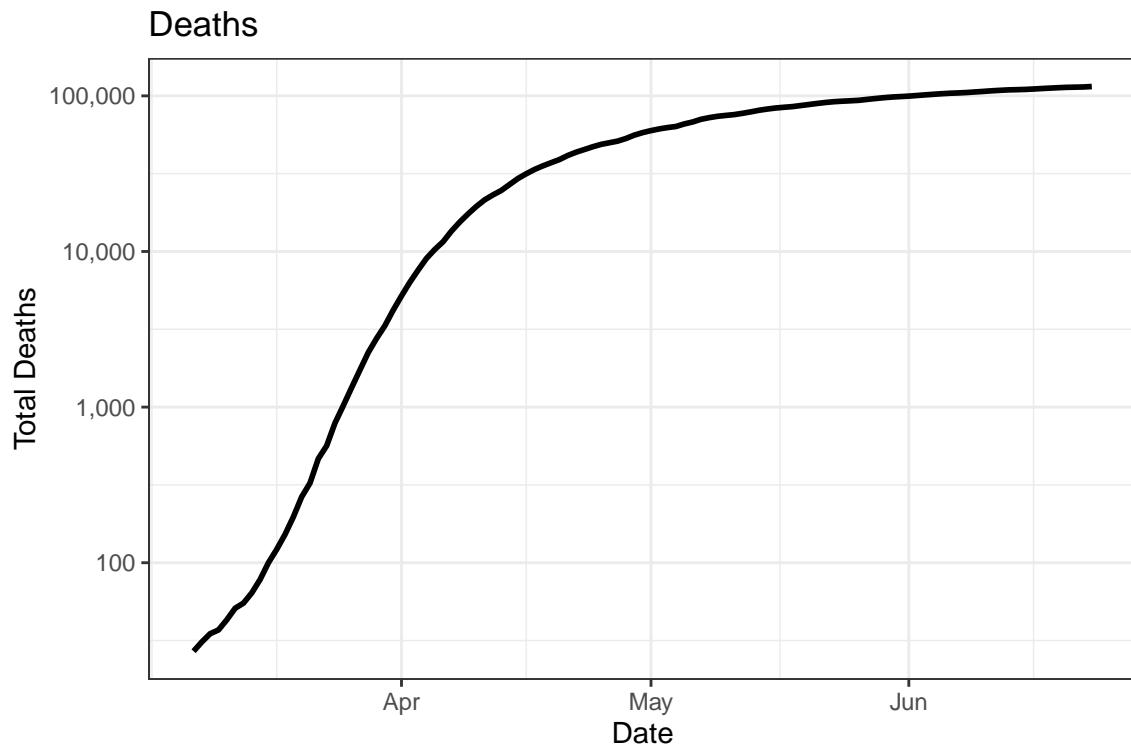
There have been 2,330,367 confirmed Covid-19 cases and 114,809 deaths in the United States.

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

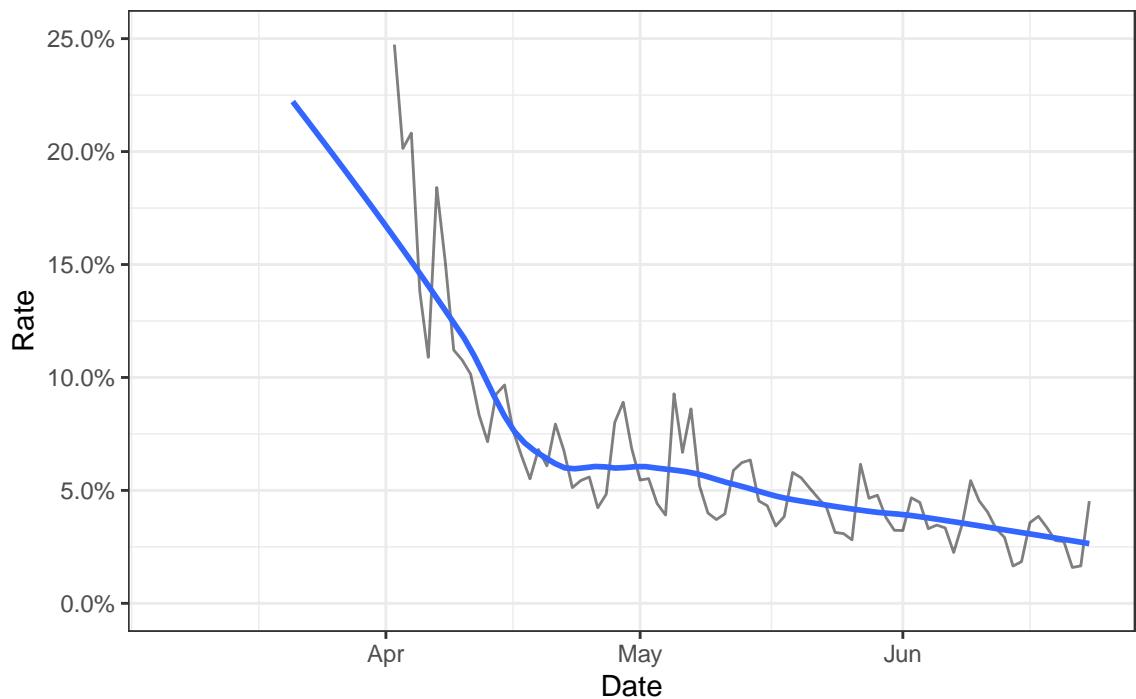
Date	Cases	Deaths	New Cases	New Deaths
2020-06-23	2,330,367	114,809	32,984	775
2020-06-22	2,297,383	114,034	27,036	284
2020-06-21	2,270,347	113,750	27,278	298
2020-06-20	2,243,069	113,452	31,930	630
2020-06-19	2,211,139	112,822	31,010	648
2020-06-18	2,180,129	112,174	27,473	697
2020-06-17	2,152,656	111,477	23,842	782
2020-06-16	2,128,814	110,695	23,606	713
2020-06-15	2,105,208	109,982	18,623	375
2020-06-14	2,086,585	109,607	21,229	358
2020-06-13	2,065,356	109,249	25,112	695
2020-06-12	2,040,244	108,554	23,447	775
2020-06-11	2,016,797	107,779	22,013	912
2020-06-10	1,994,784	106,867	20,713	878

## Deaths

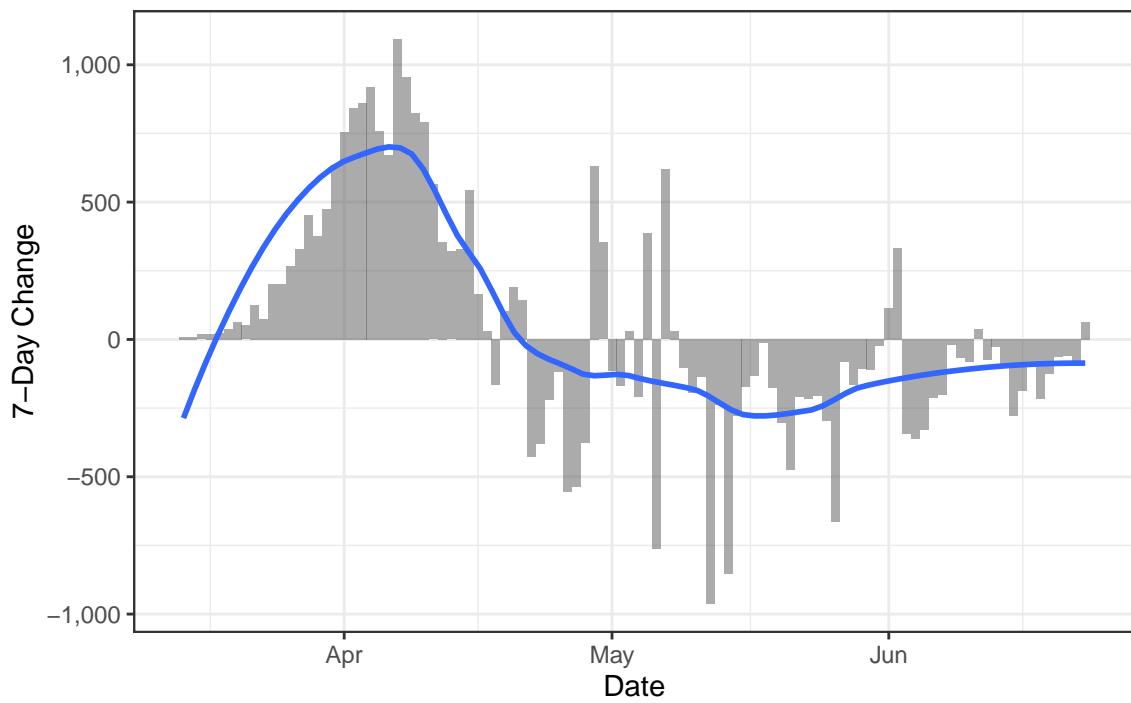
Because the effects of the virus can take several weeks to manifest in patients, deaths are a lagging indicator of contagion, but they may be a more reliable than case counts, which are a function of both the prevalence of the disease and the rate of testing. The case mortality rate is a very crude indicator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

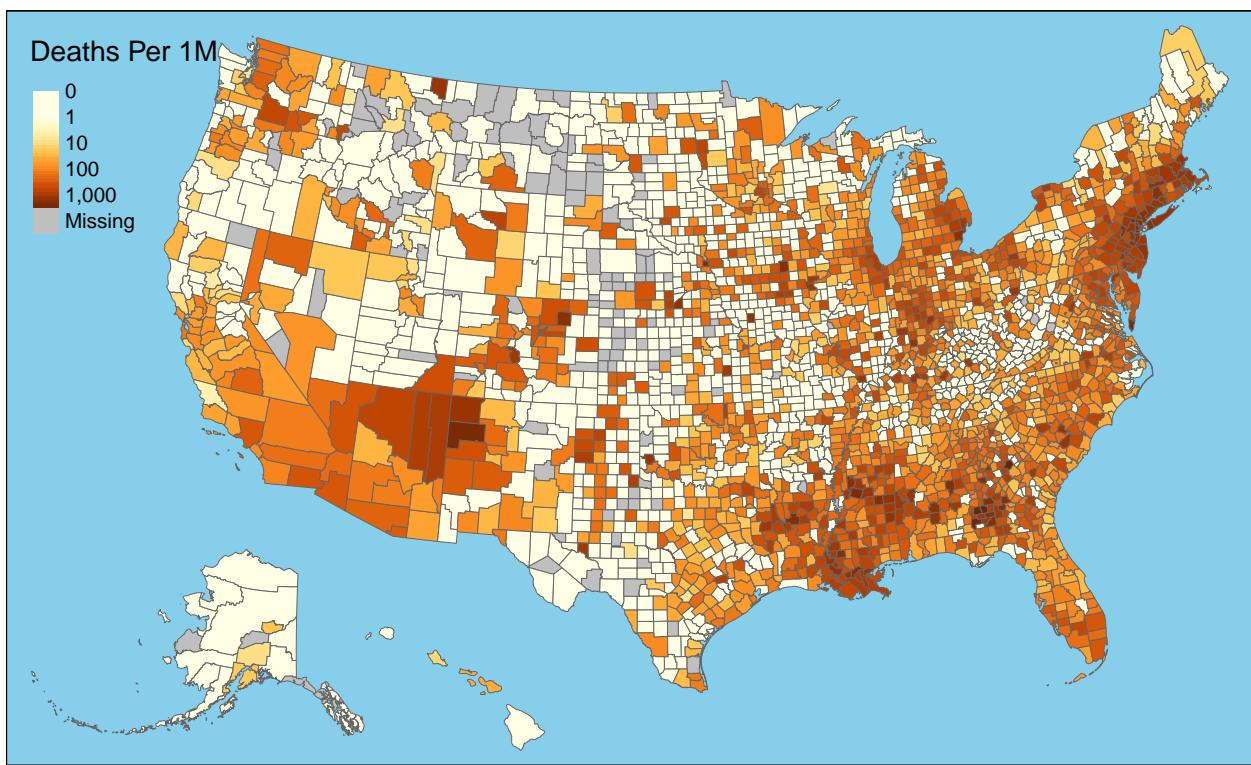


Daily Case Mortality Rate



One-Week Change in Daily Deaths

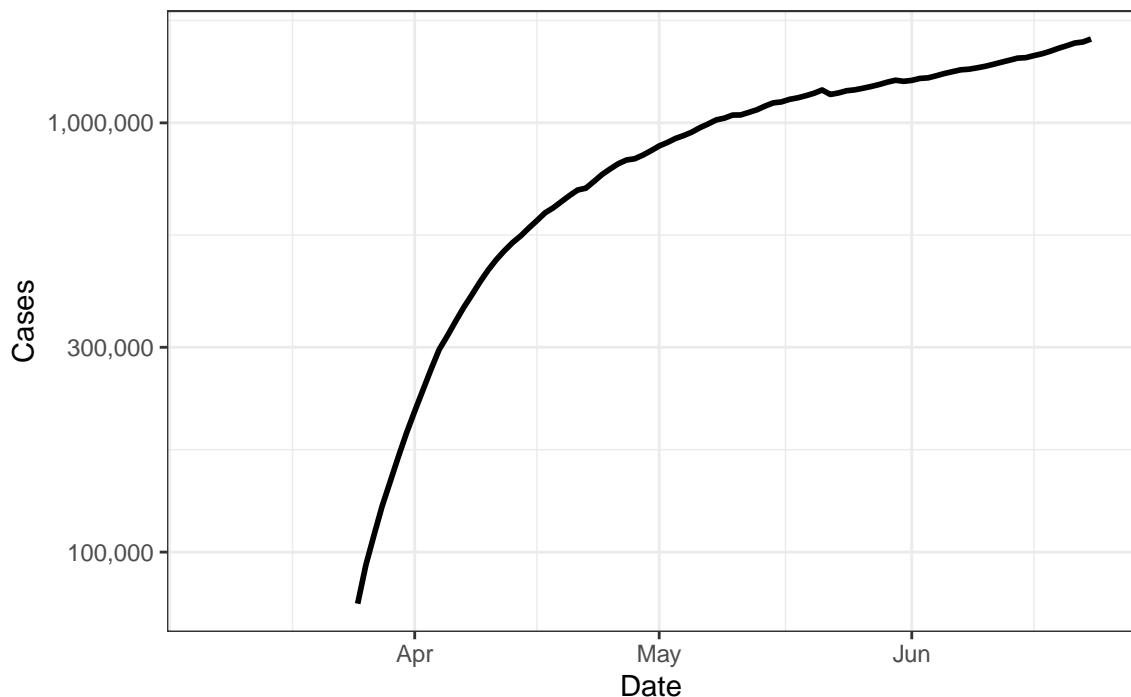




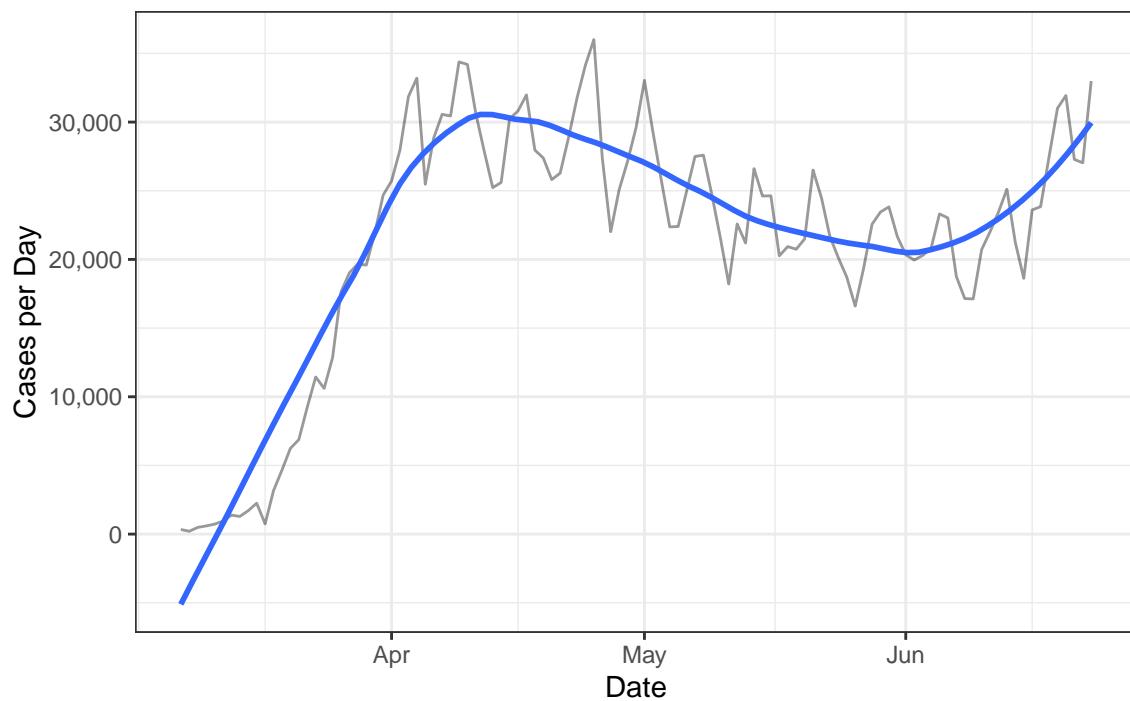
## Cases

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

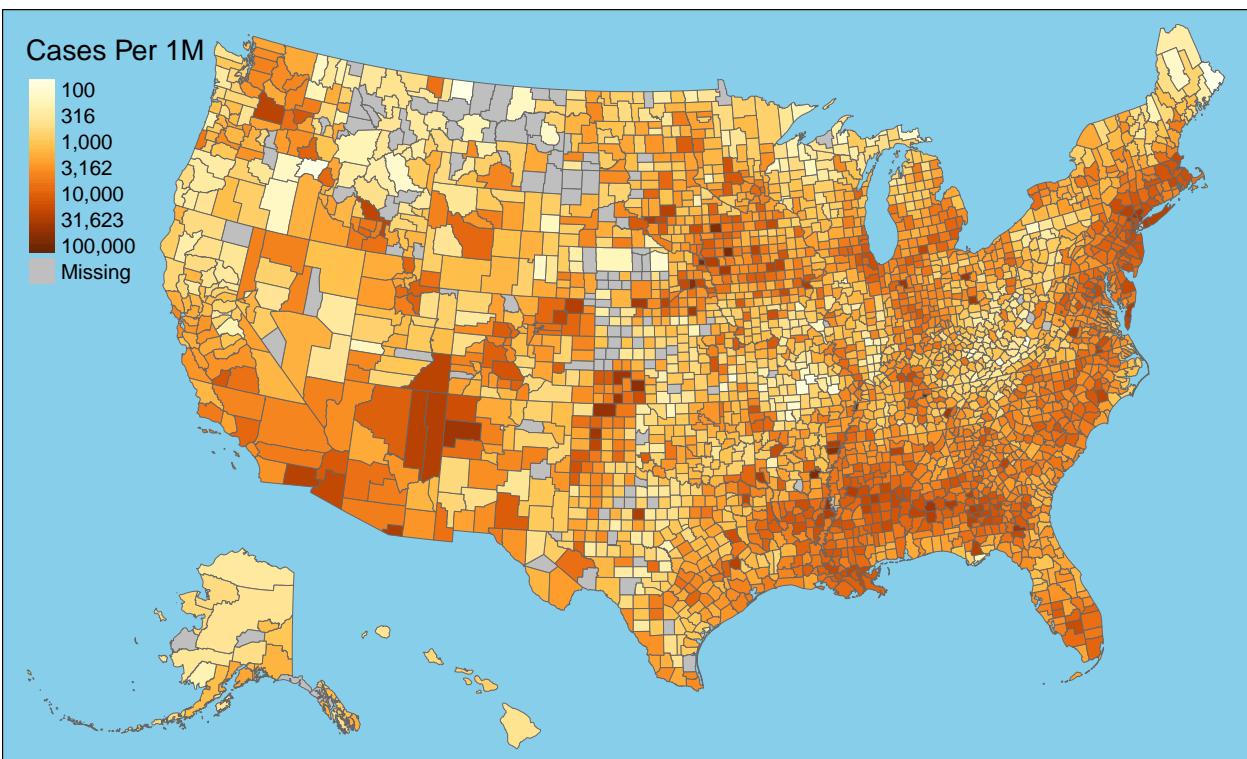
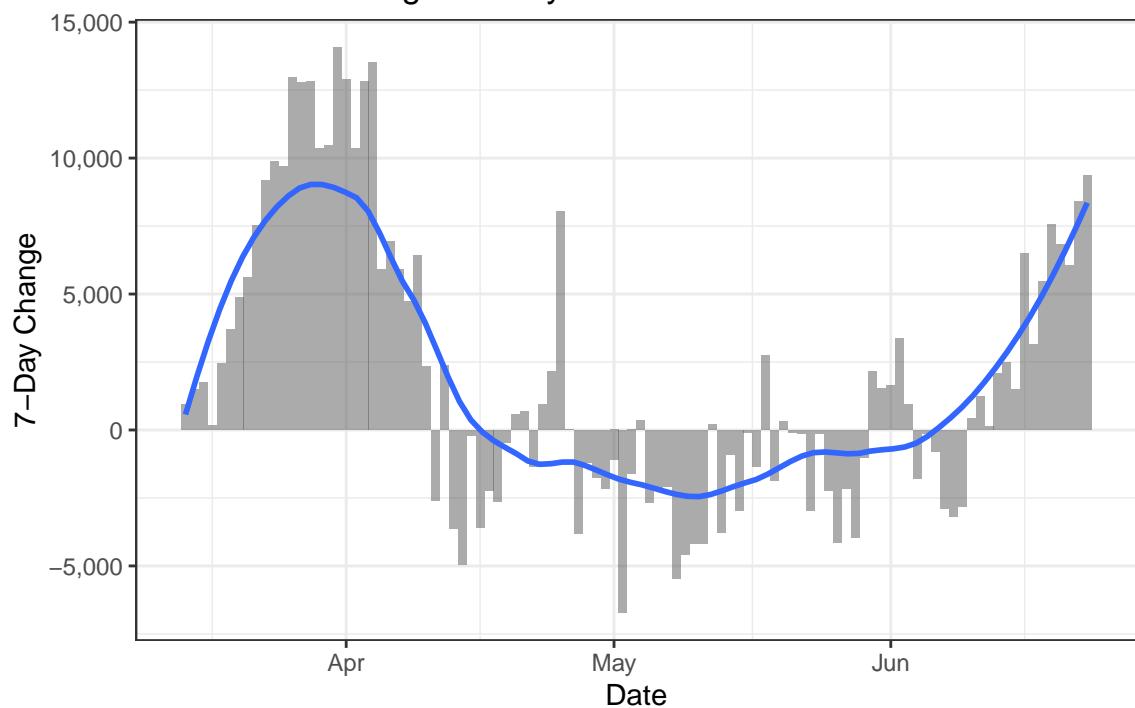
### Active Cases



### New Cases

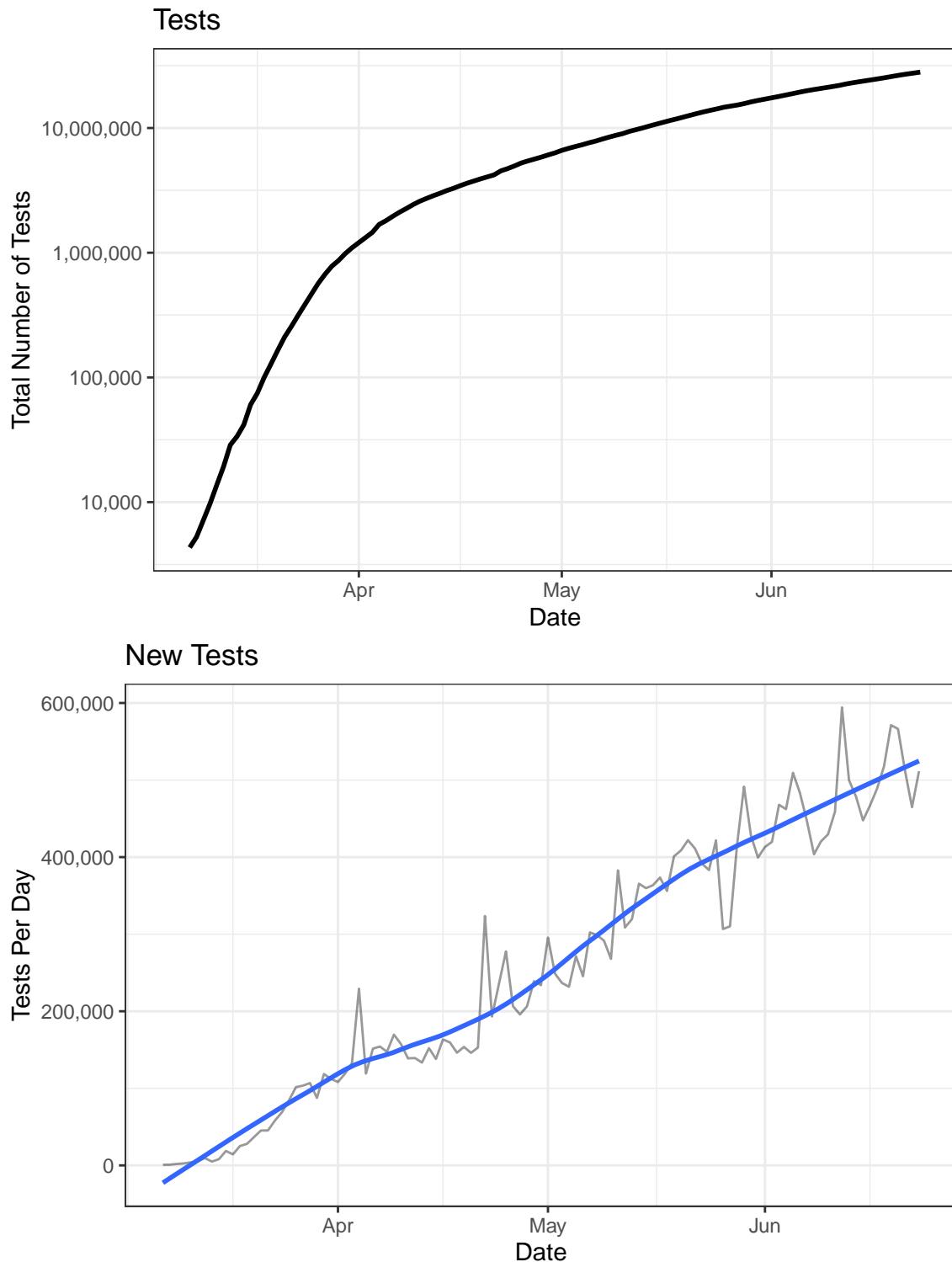


### One-Week Change in Daily Cases

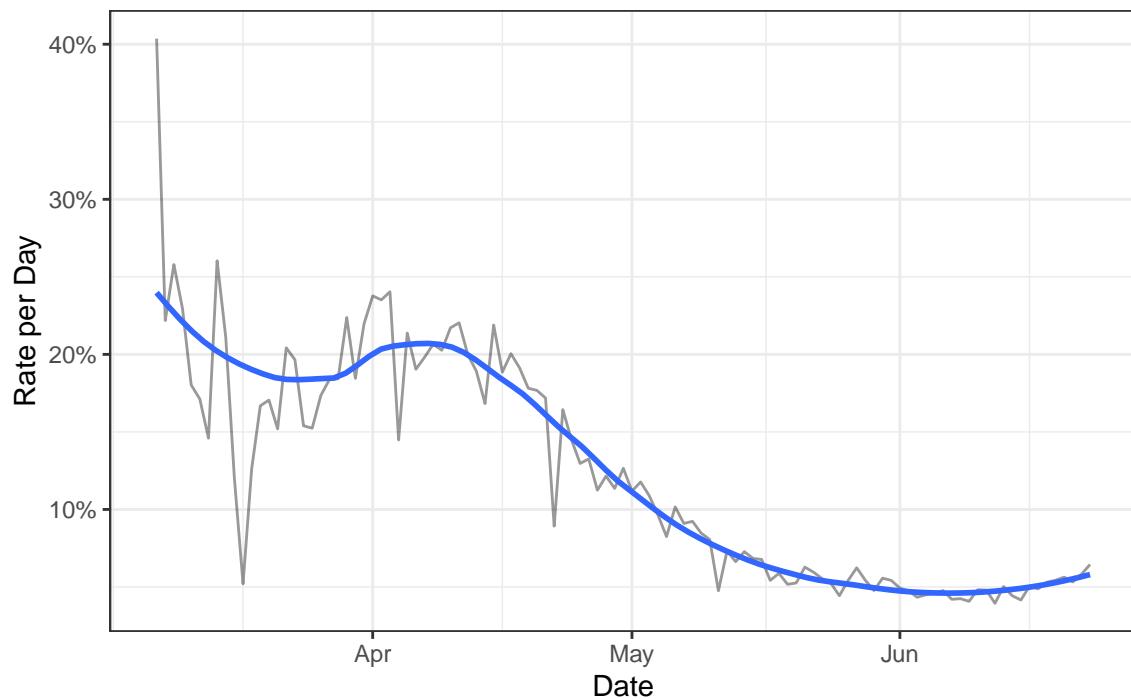


## Testing

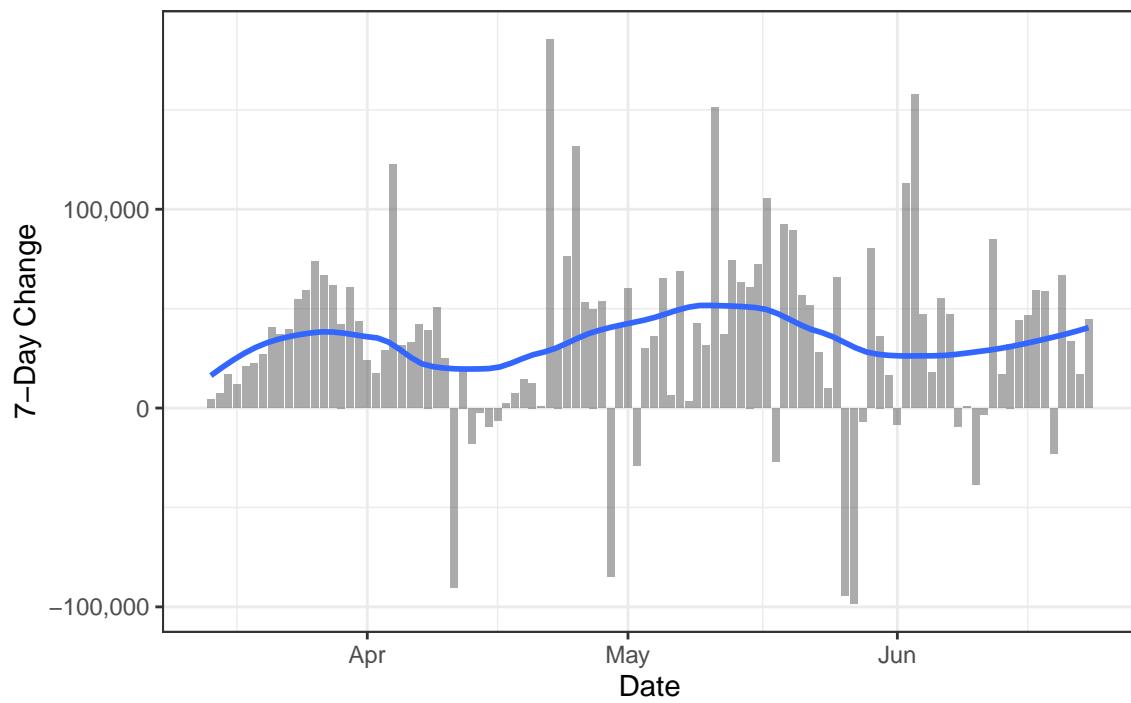
Widespread testing is necessary for managing the spread of the disease. The following charts show how testing in the United States has changed over time. When the supply of available tests is limited, they are typically only used for patients whose symptoms suggest they are likely to have contracted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



### Positive Test Rate



### One-Week Change in Daily Tests

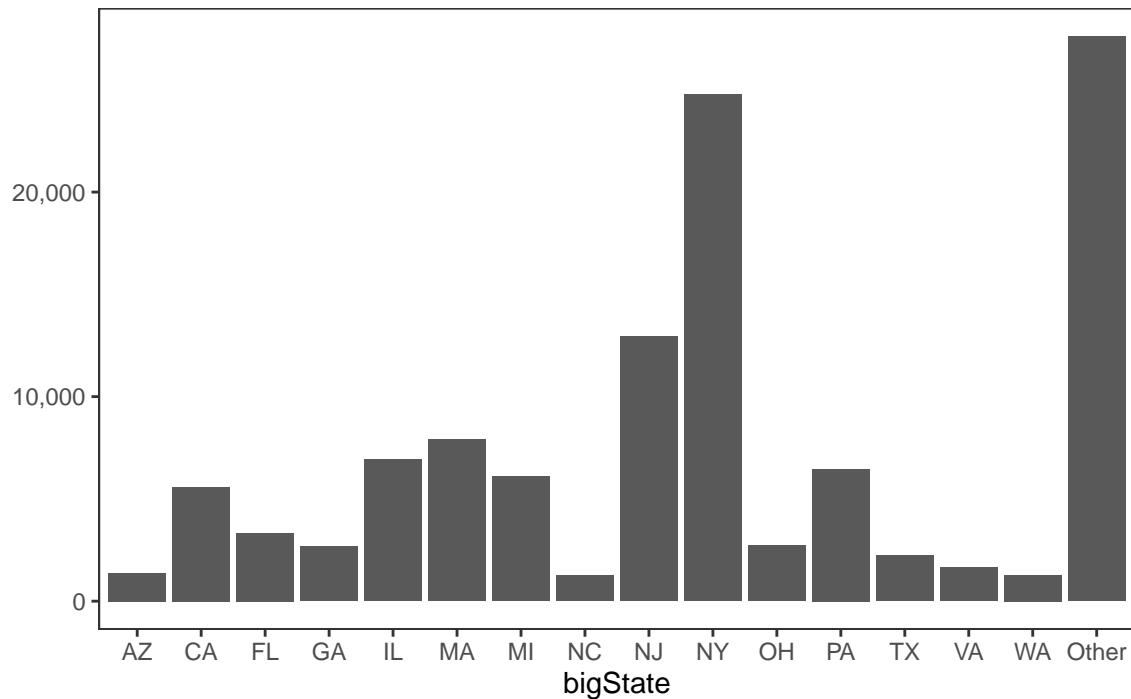


## State Data

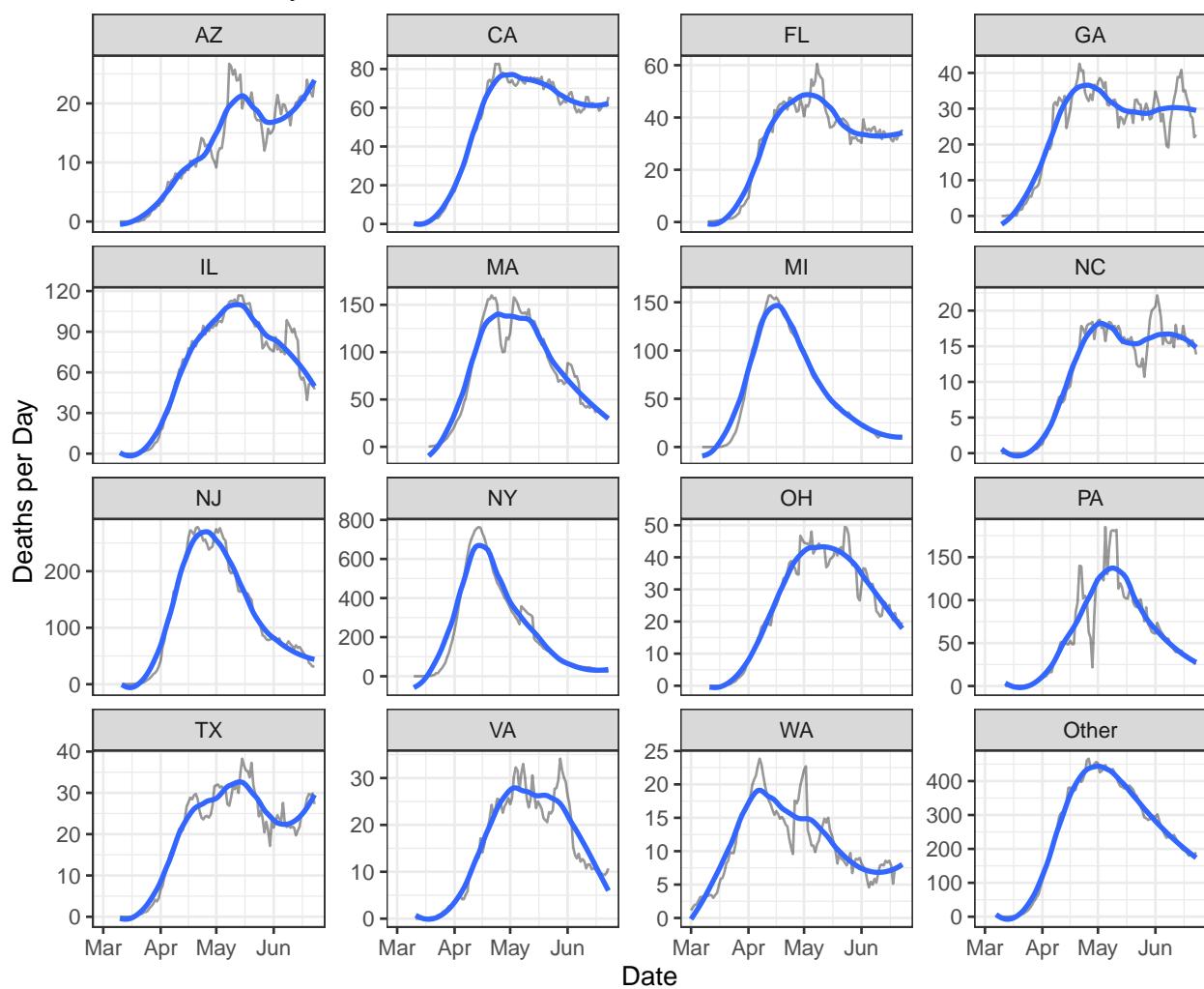
This section summarizes state-level data. Most data are reported for the largest 15 states by population, which account for NaN percent of the total U.S. population.

### Deaths

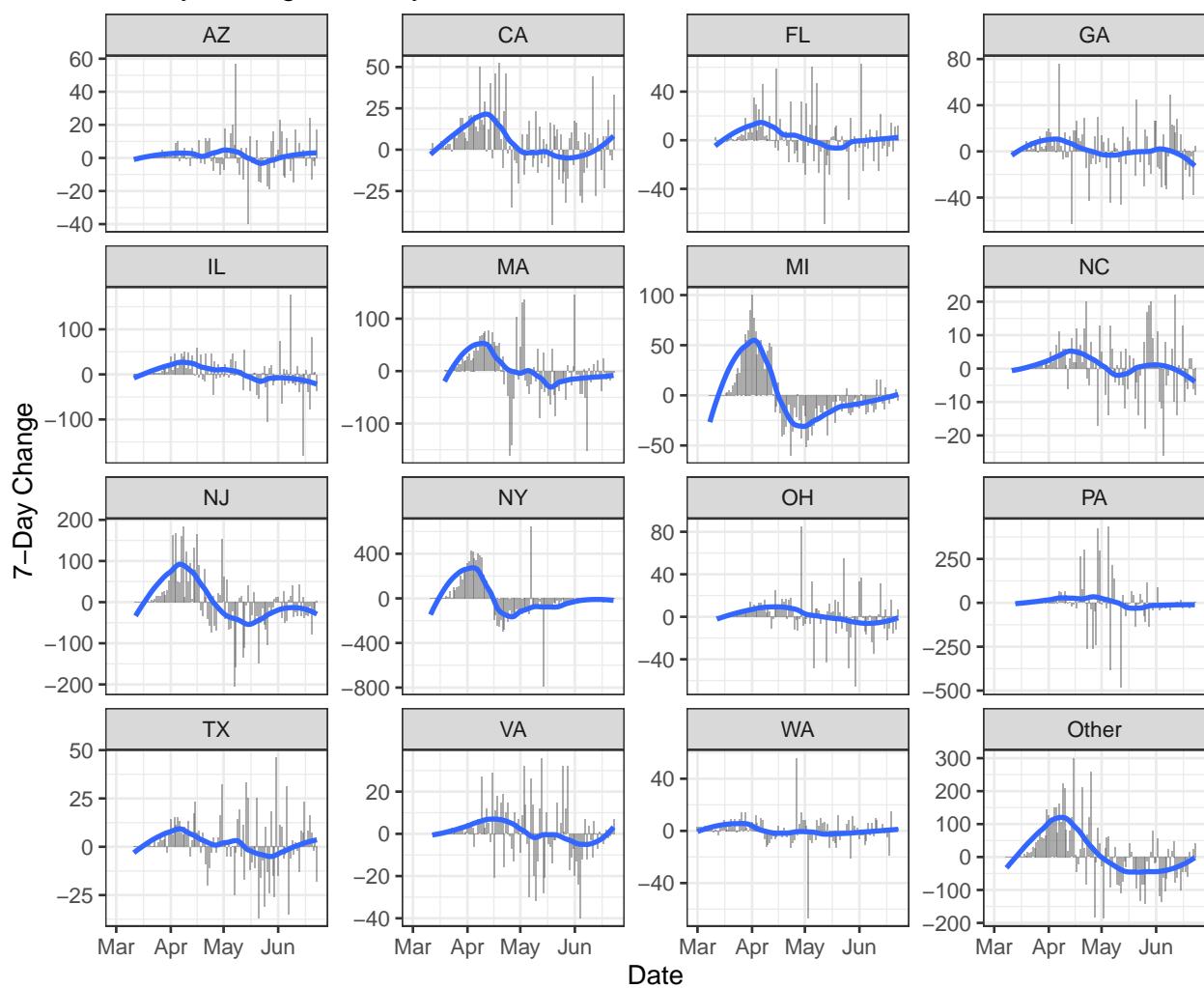
Deaths by State

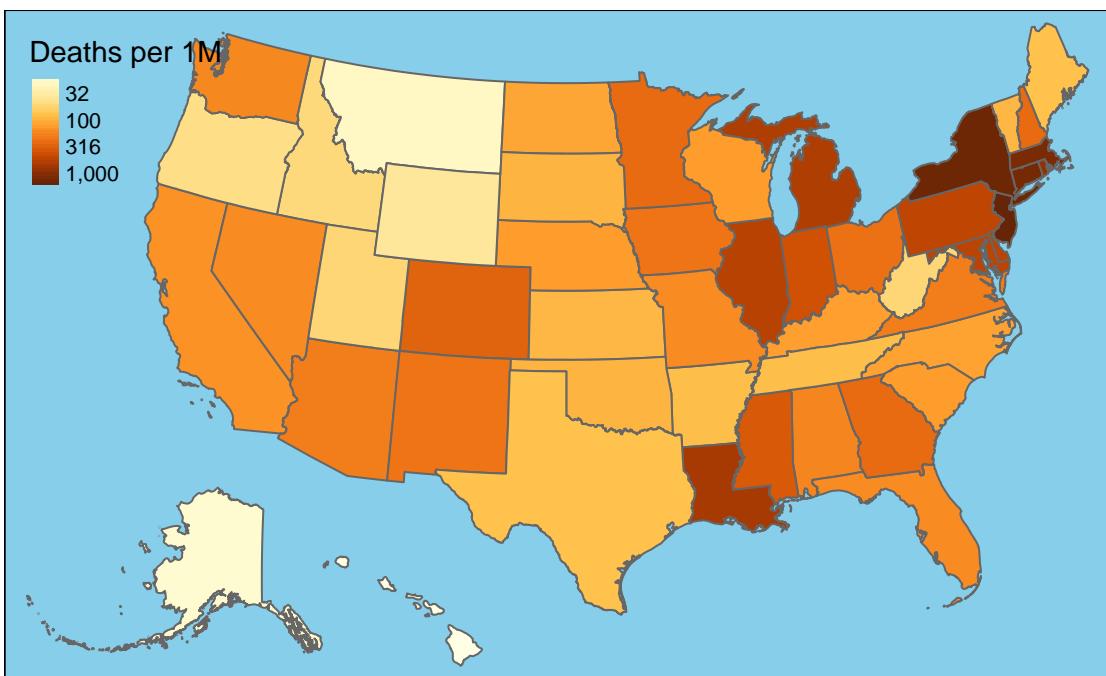
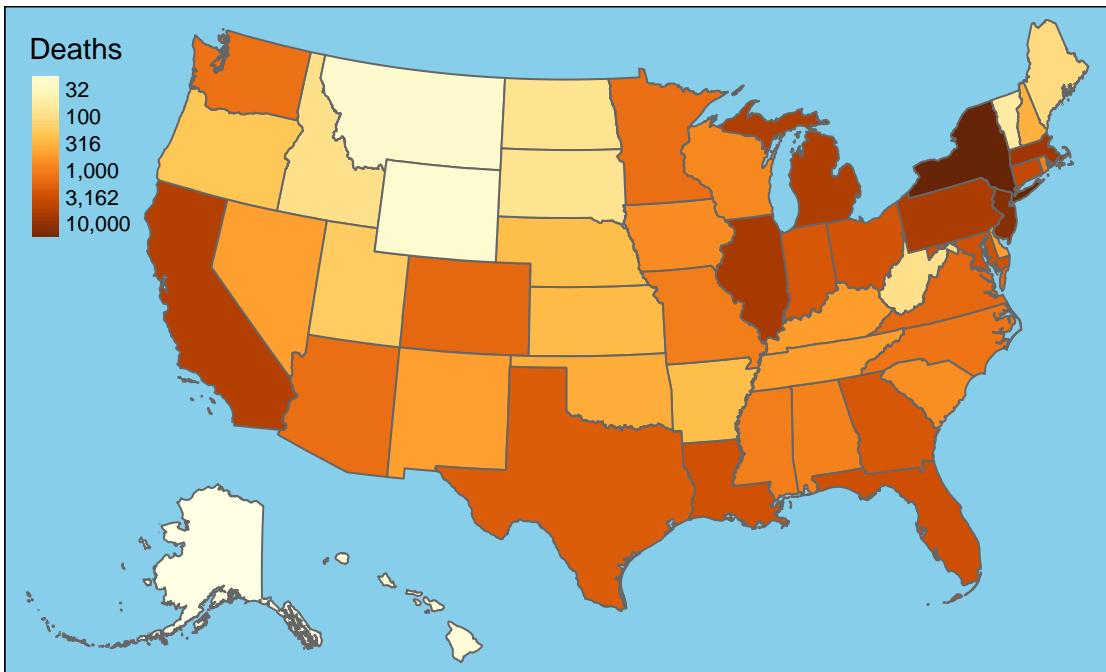


## New Deaths by State



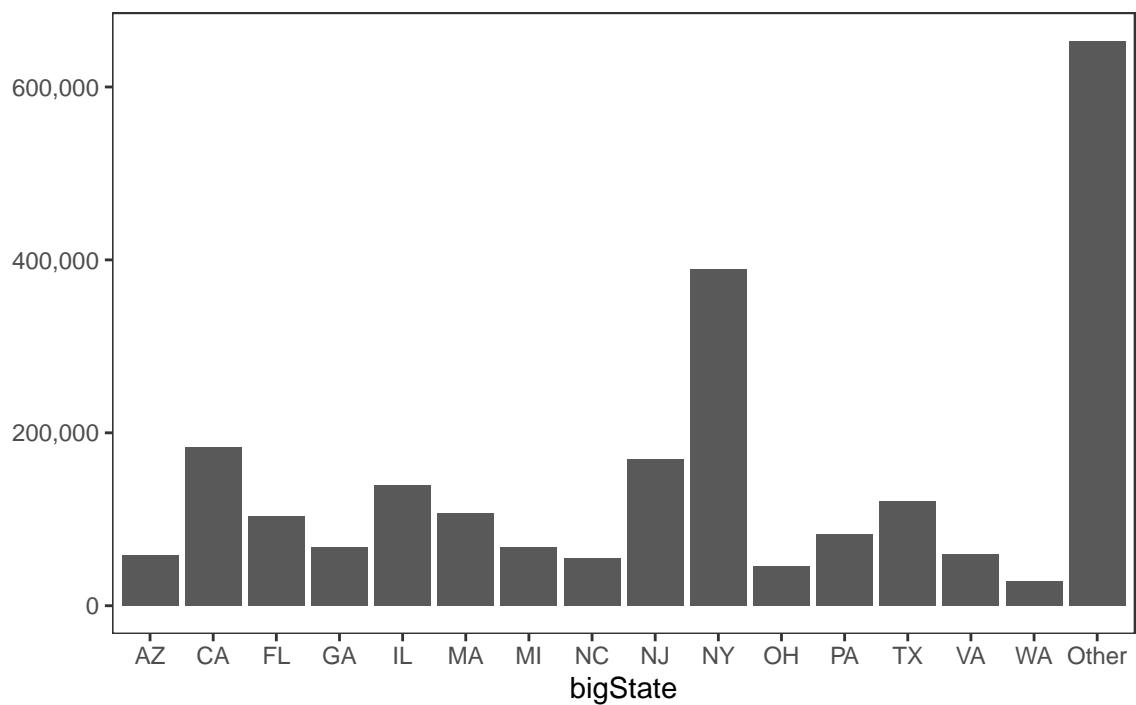
### 7-Day Change in Daily Deaths



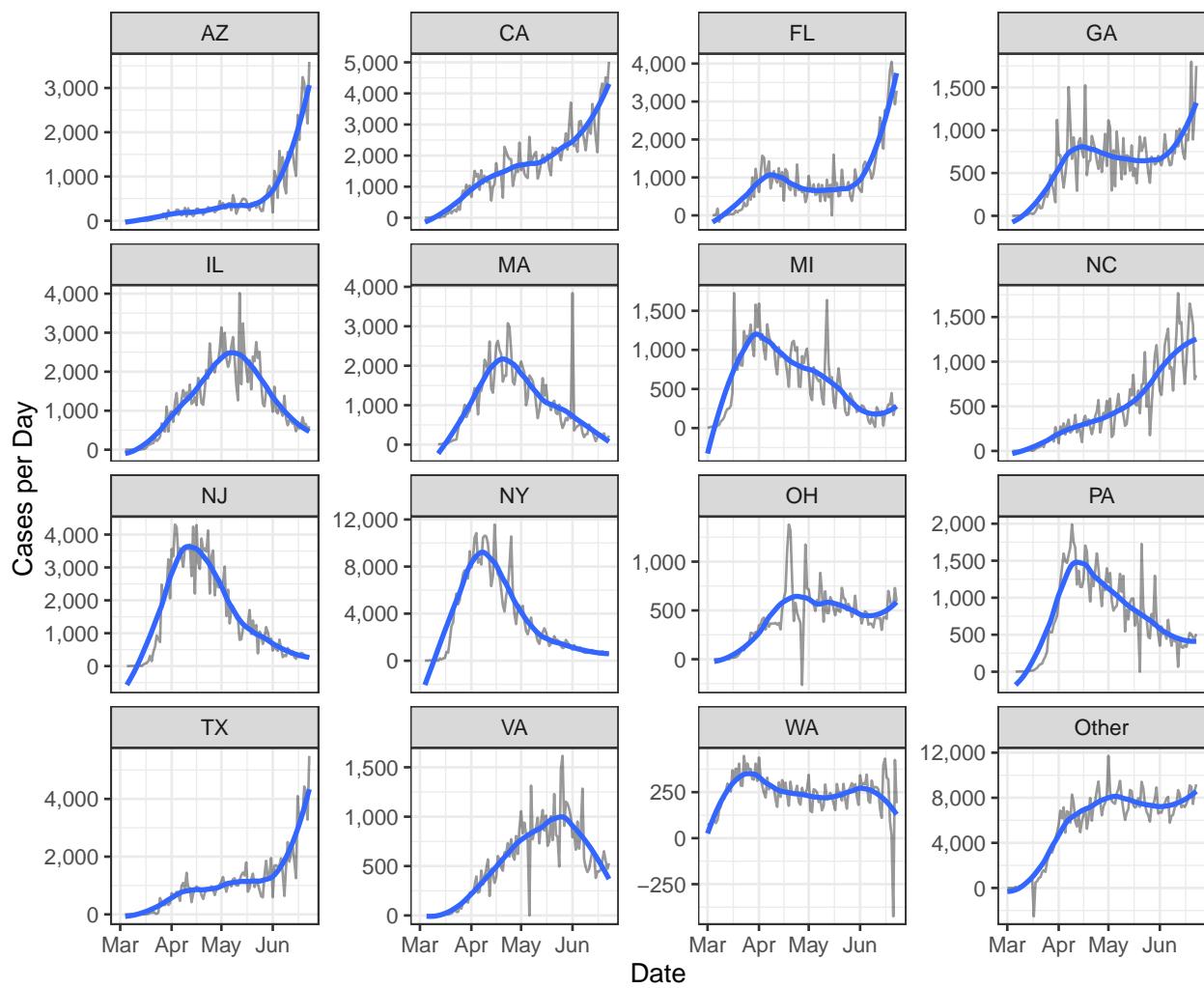


Cases

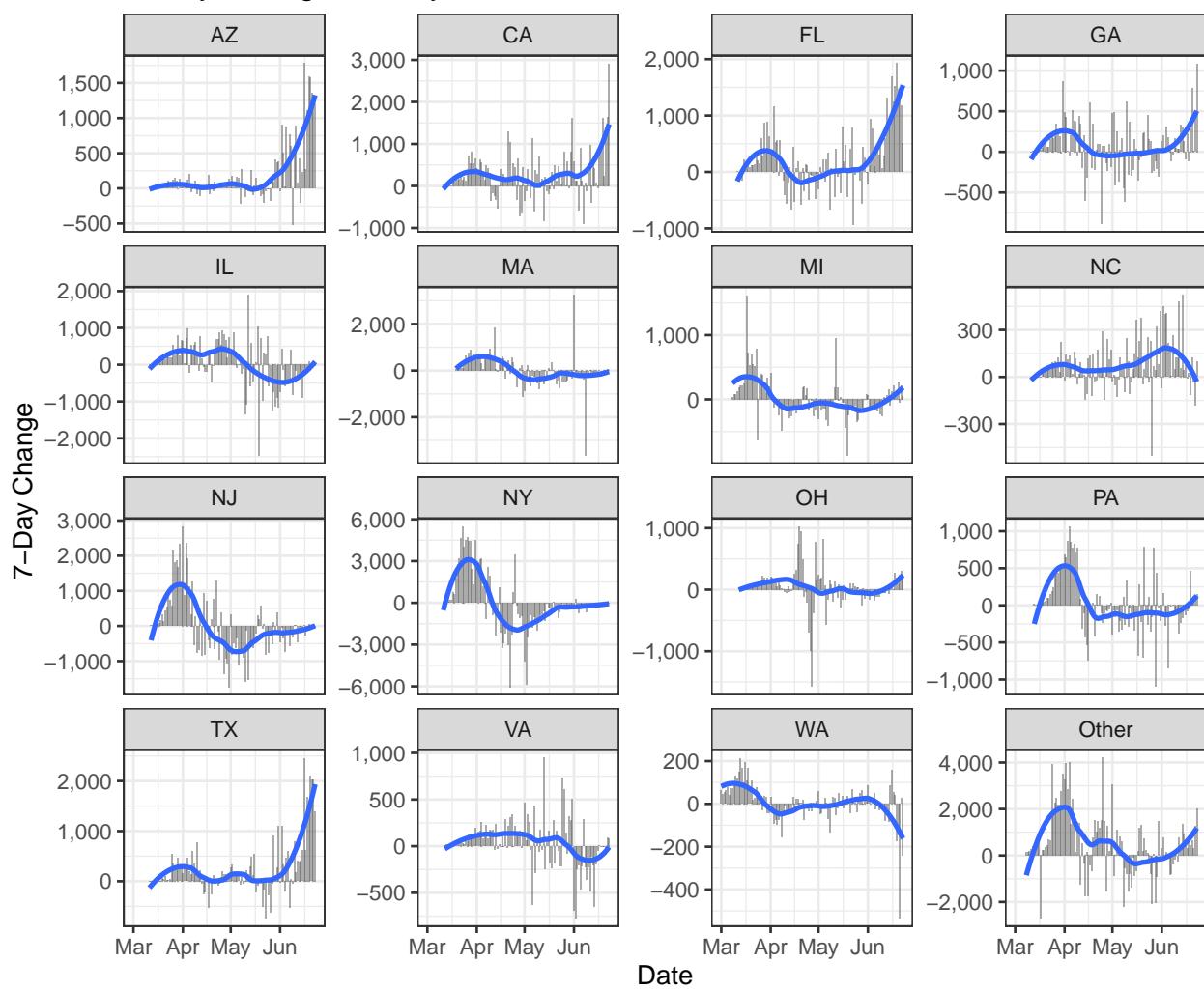
### Cases by State

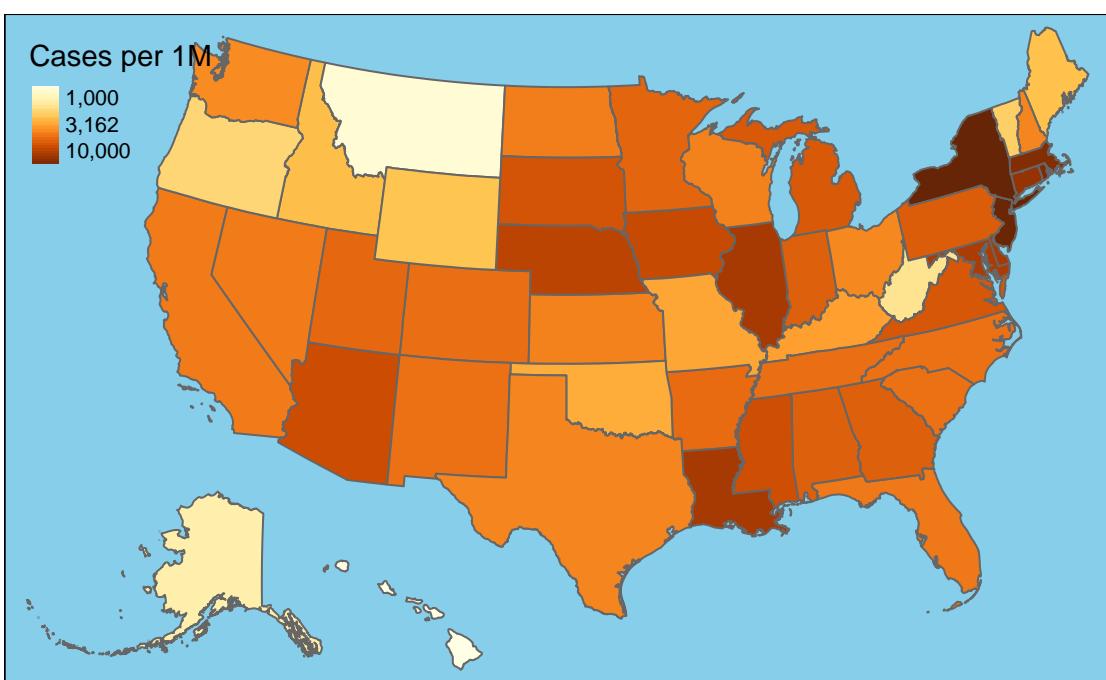
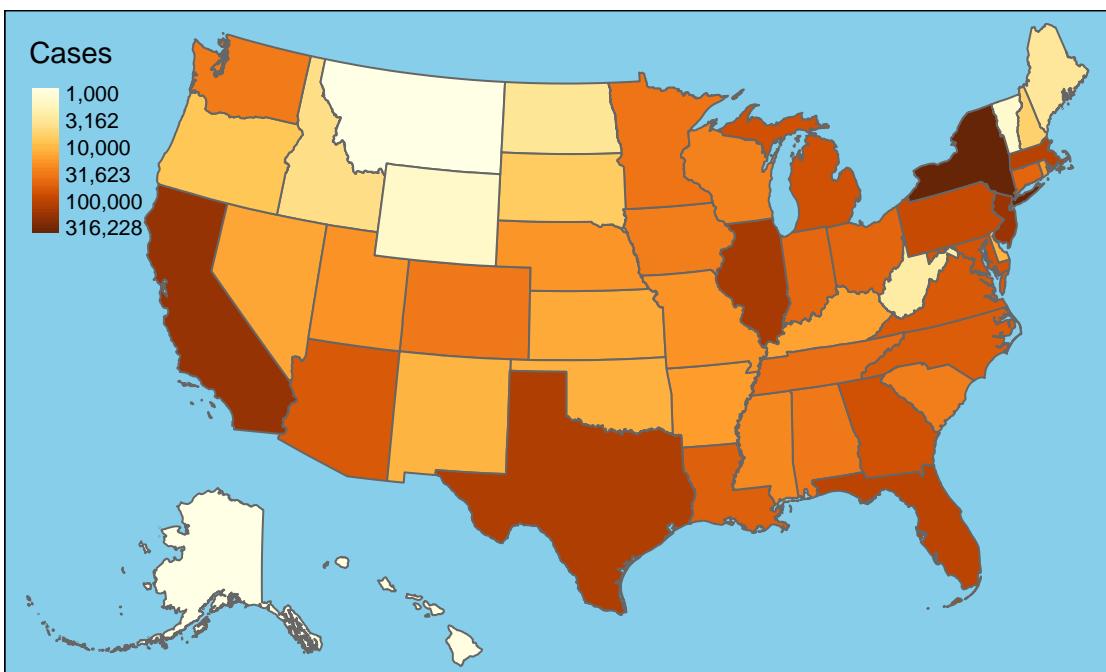


## New Cases by State



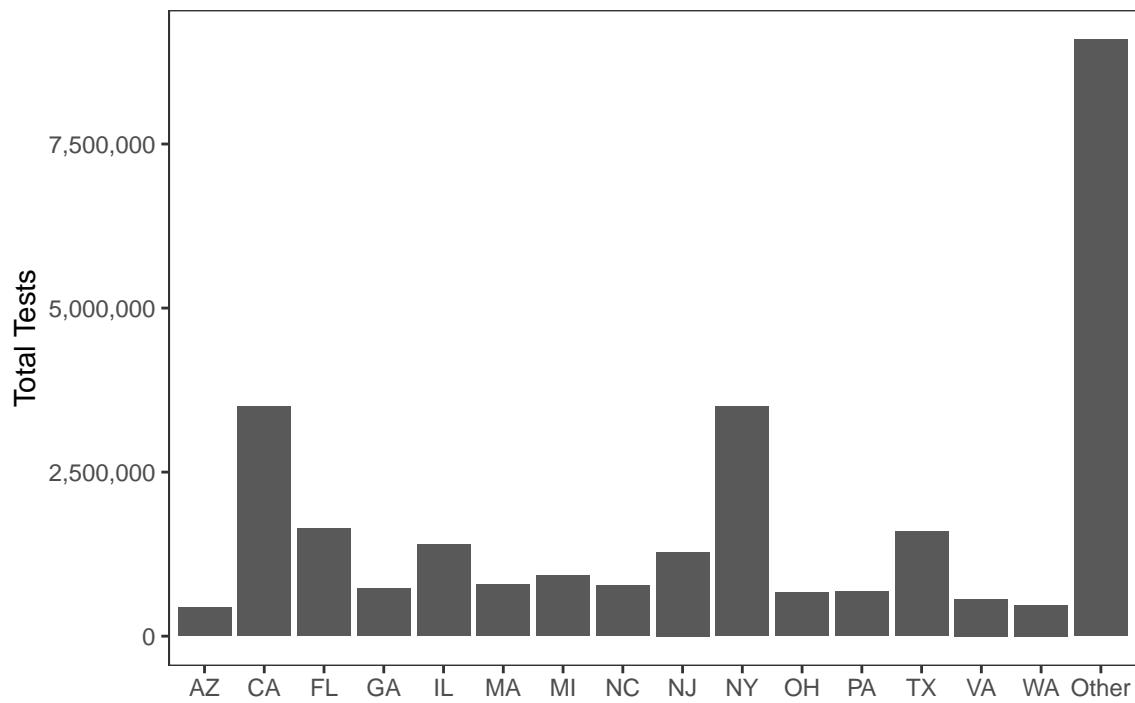
### 7-Day Change in Daily Cases



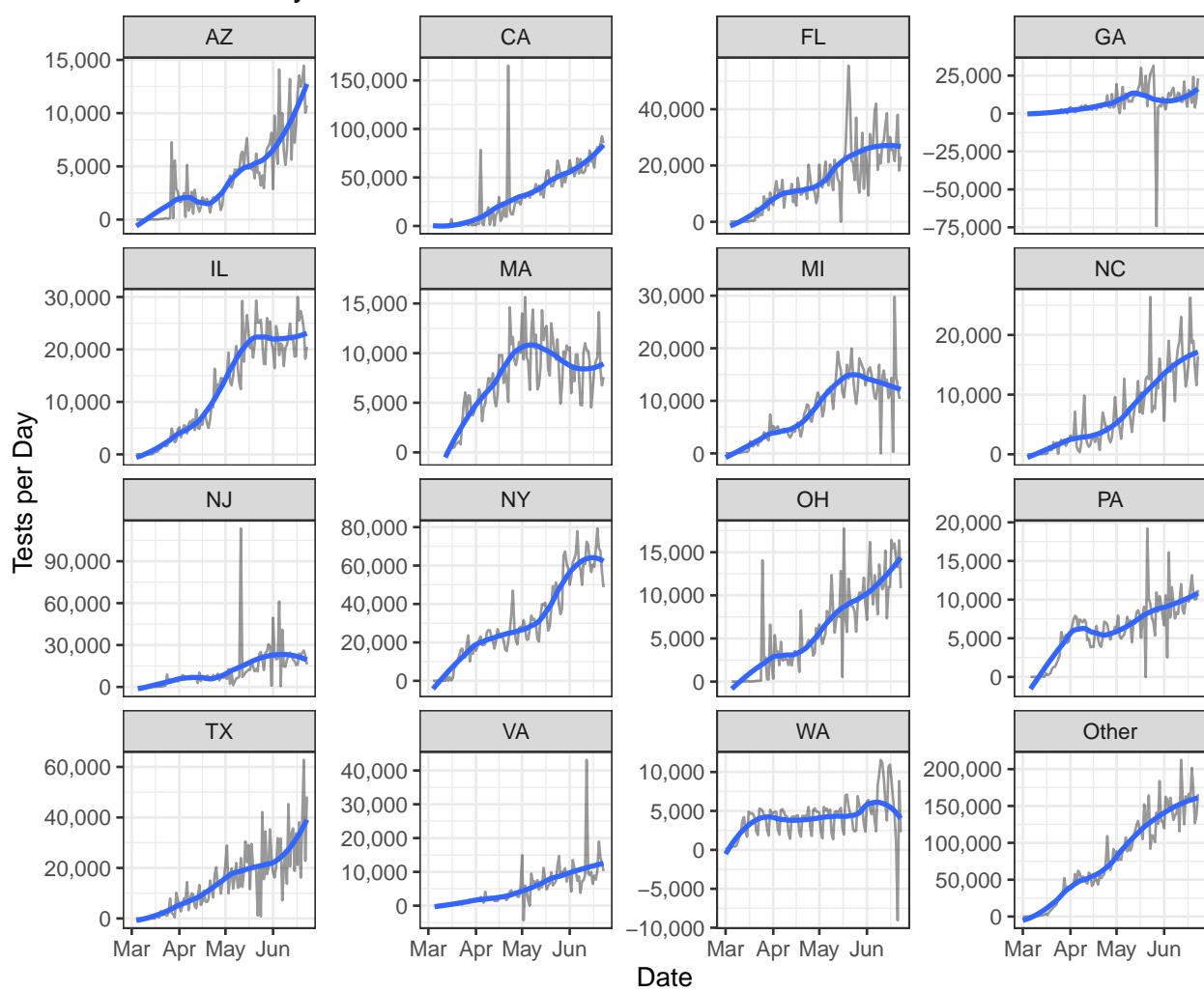


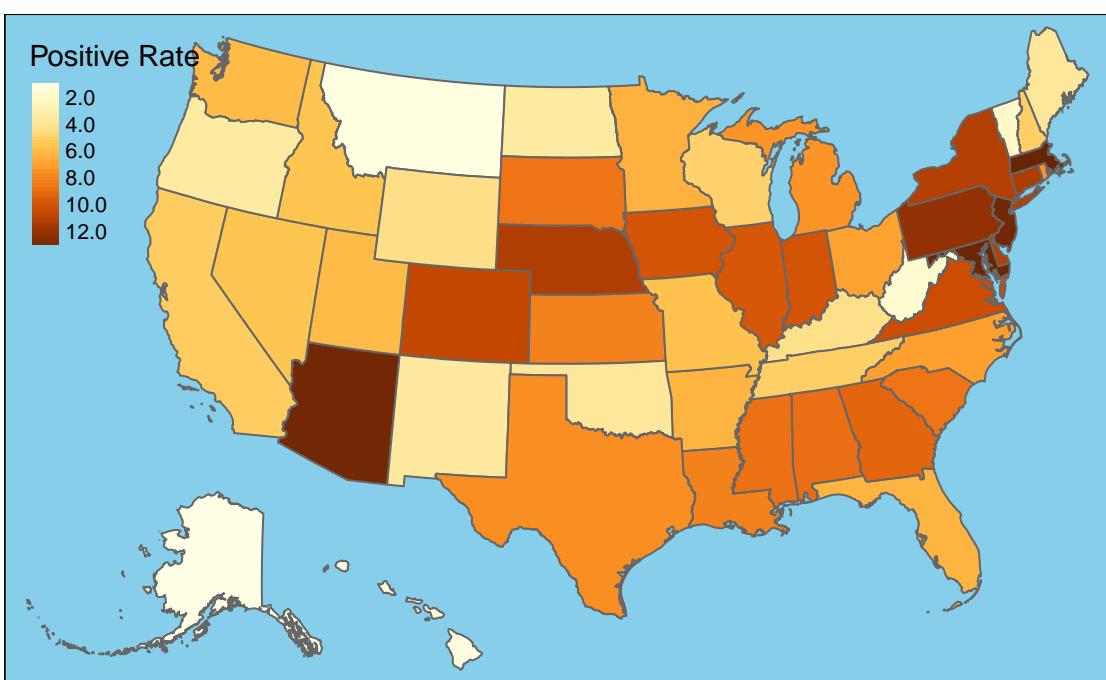
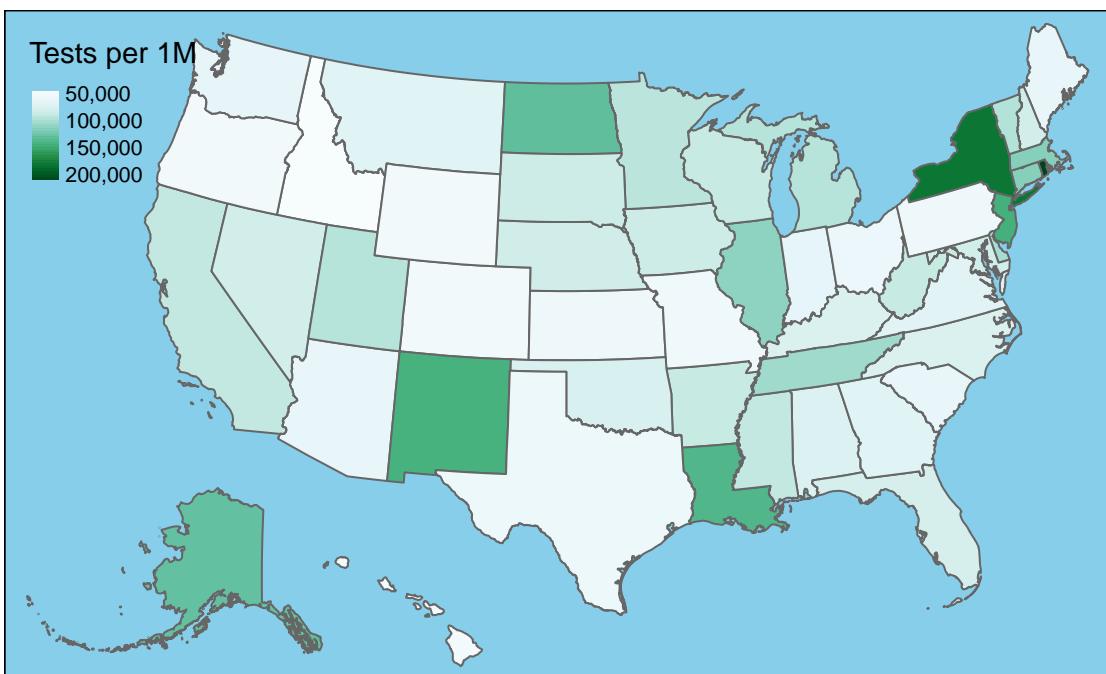
## Testing

Tests by State



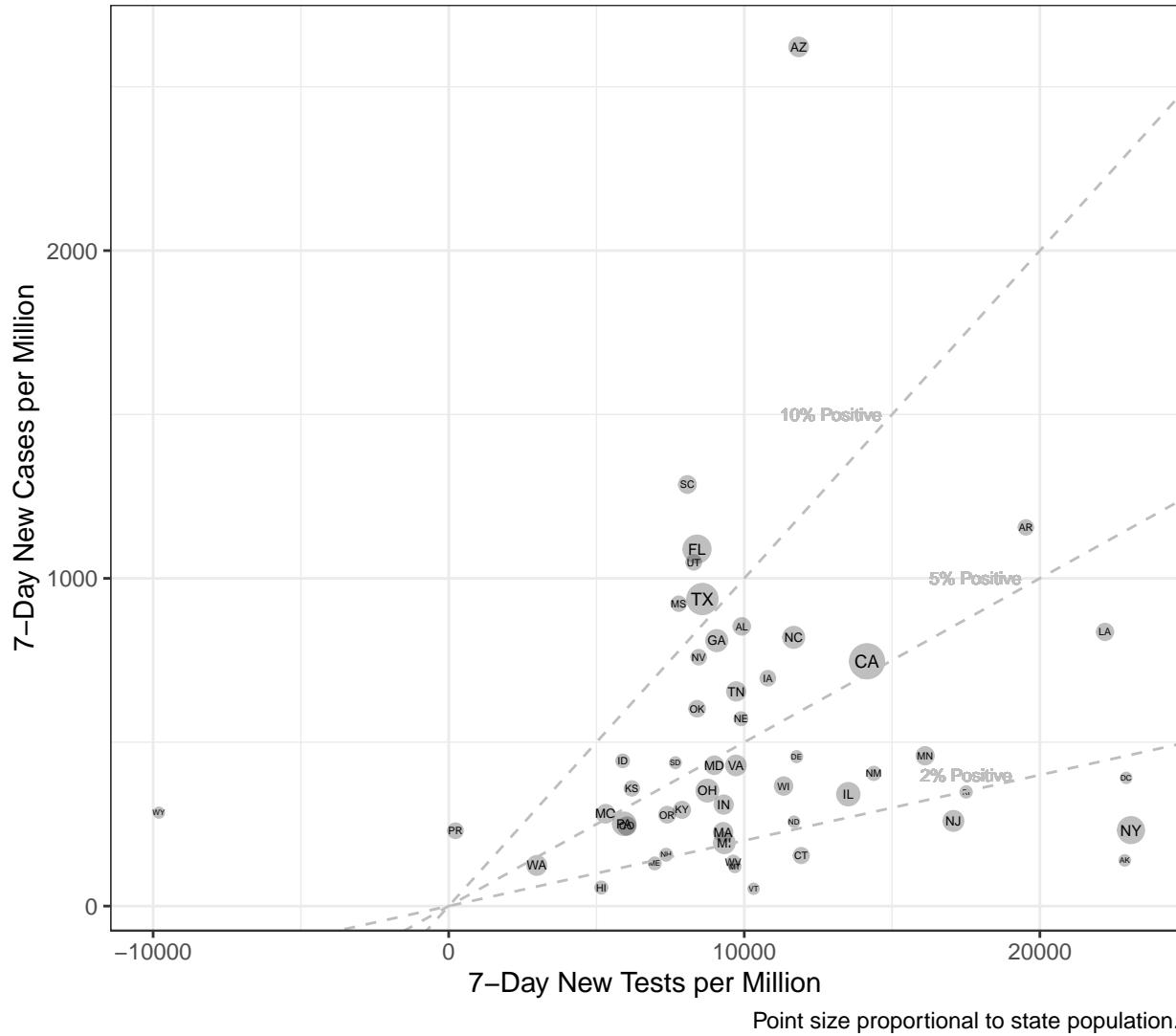
## New Tests by State





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



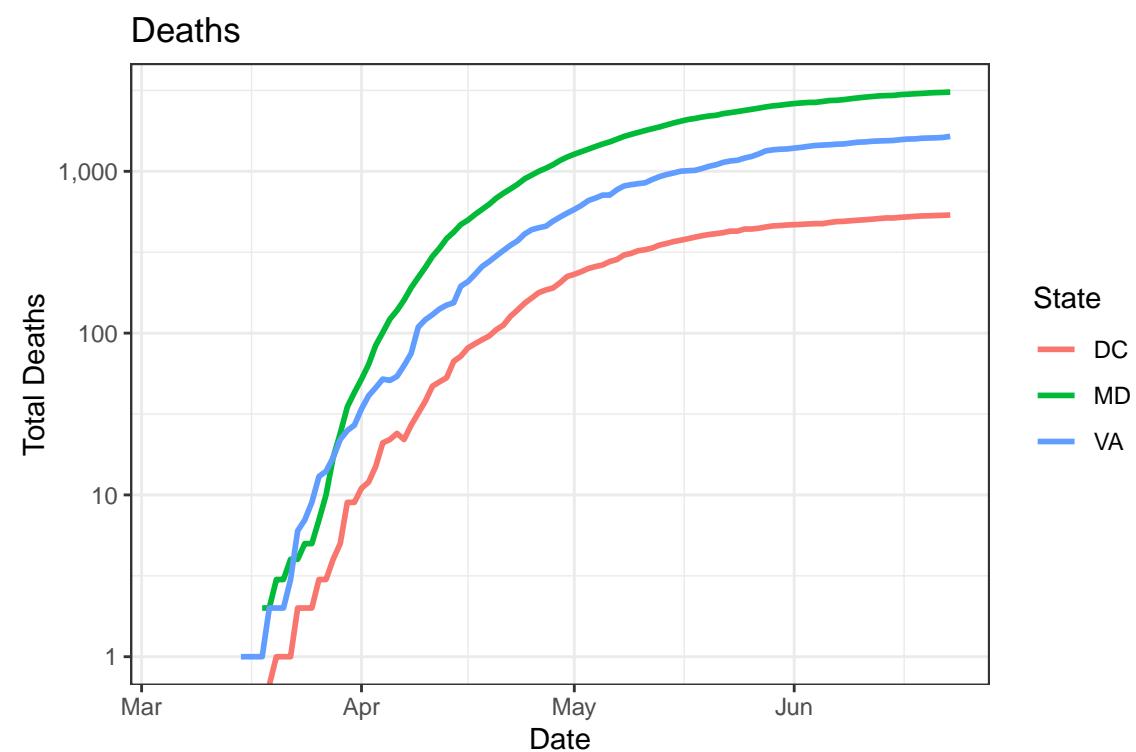
## Local Data

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

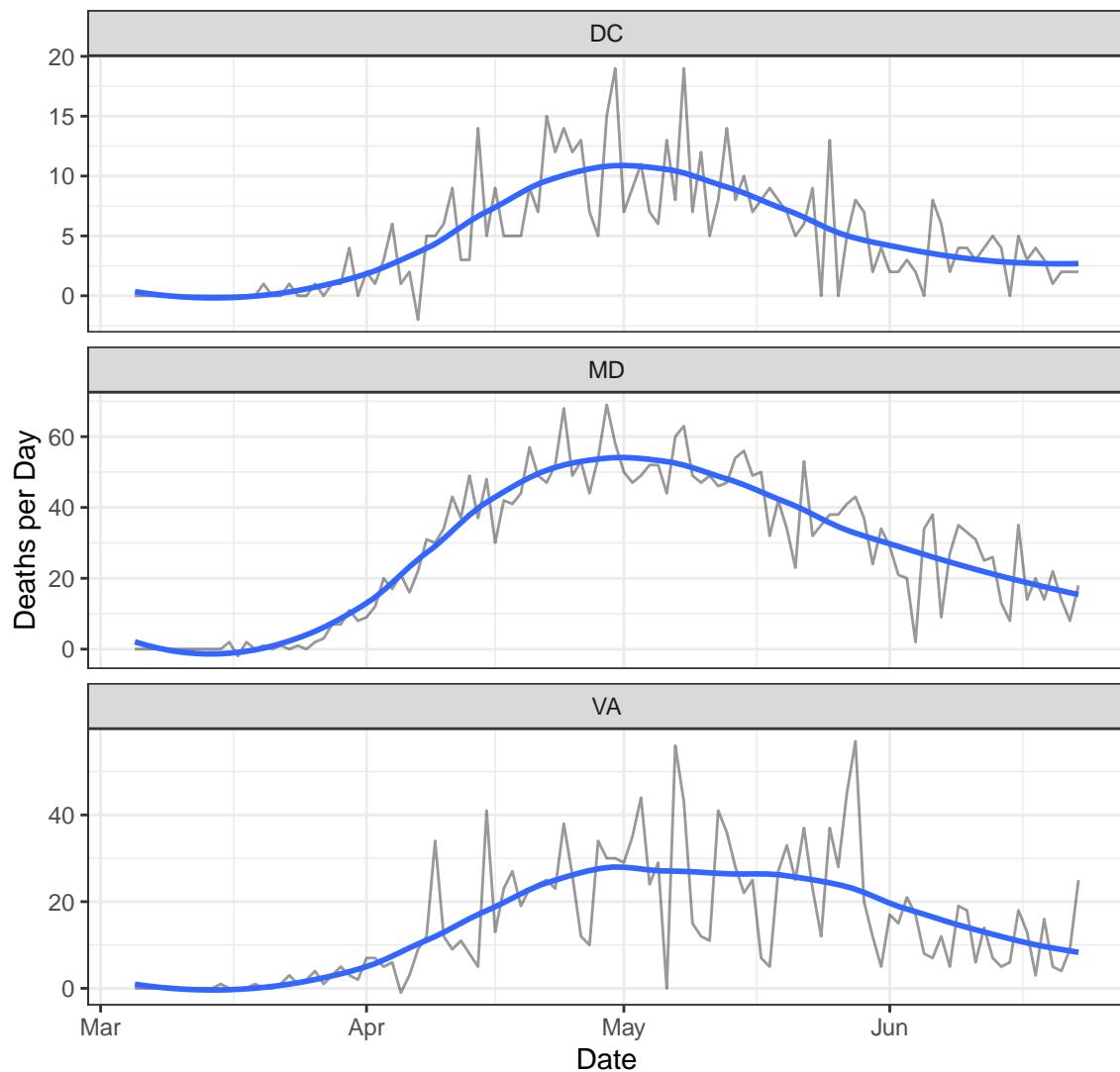
Table 3: Latest Local Data

State	Cases	Deaths	New Cases	New Deaths
DC	10,094	537	36	2
MD	65,007	3,092	404	18
VA	58,994	1,645	529	25

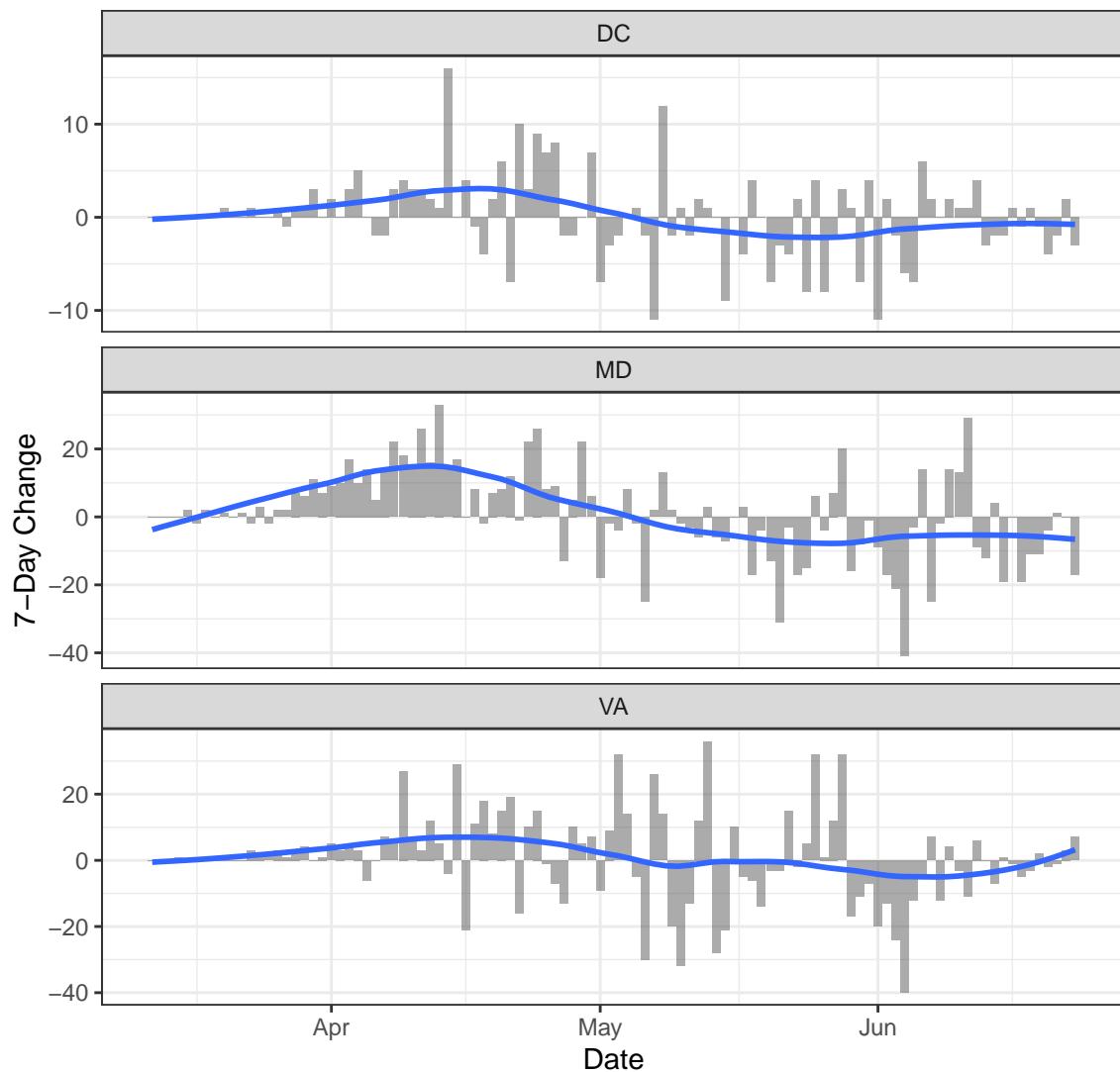
## Deaths

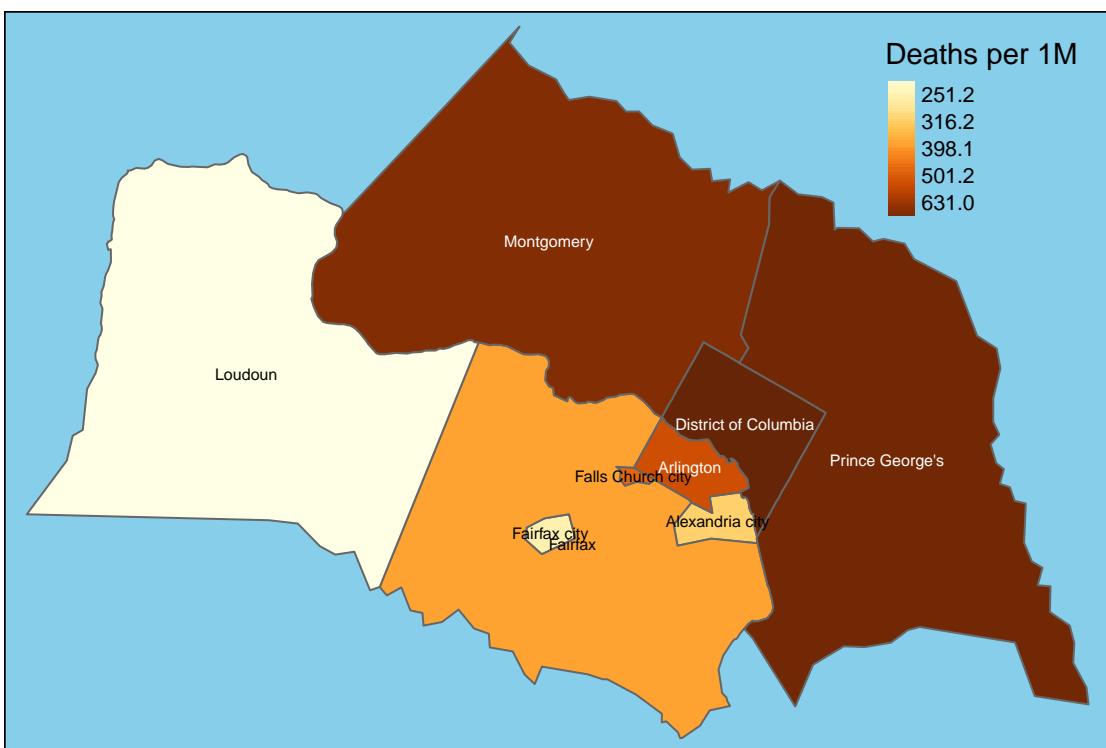
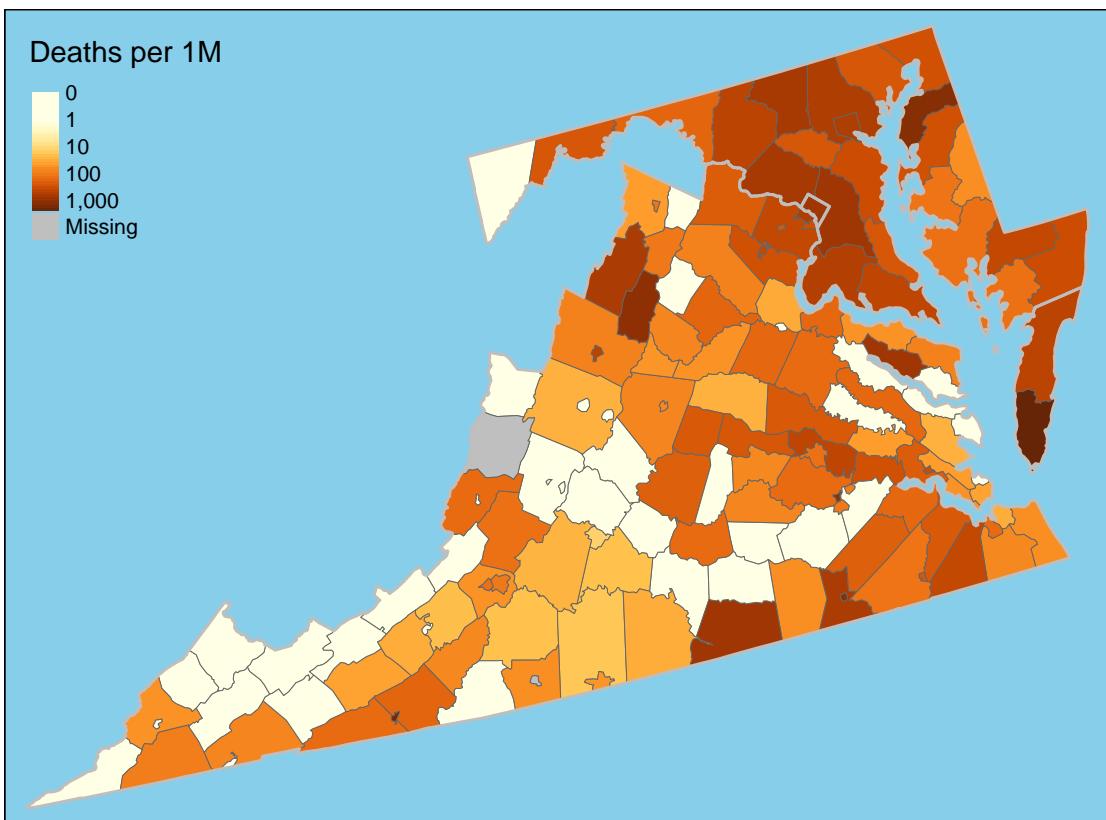


## New Deaths

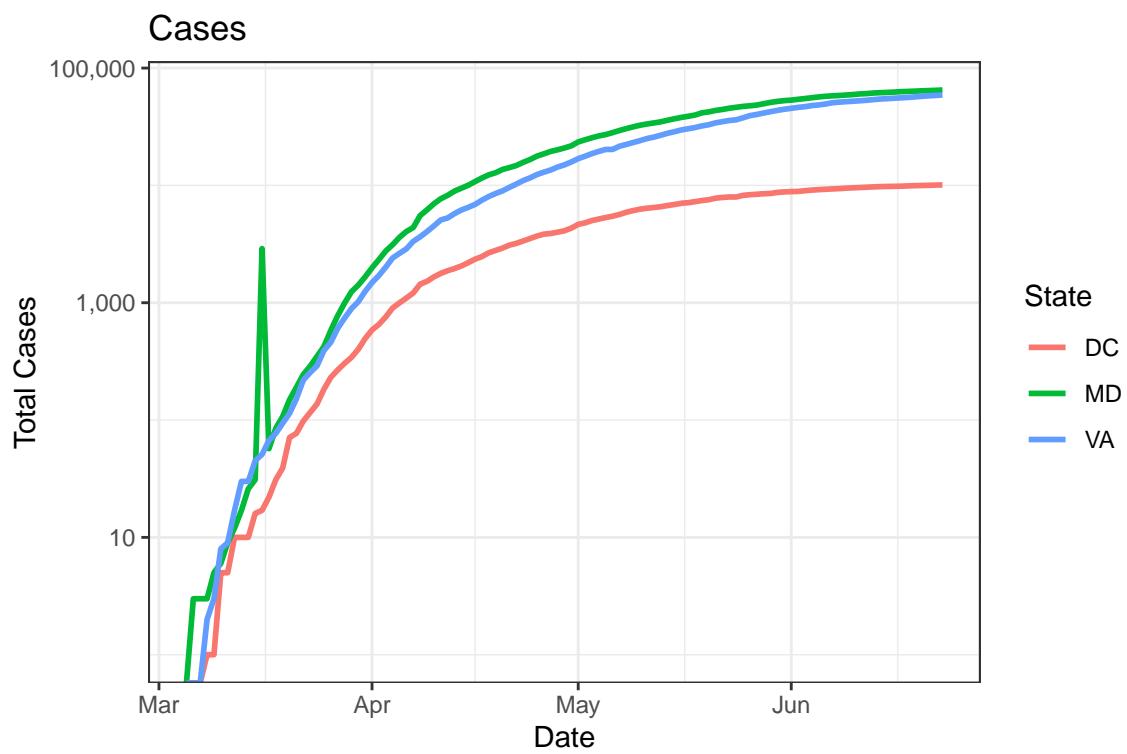


## One-Week Change in Daily Deaths

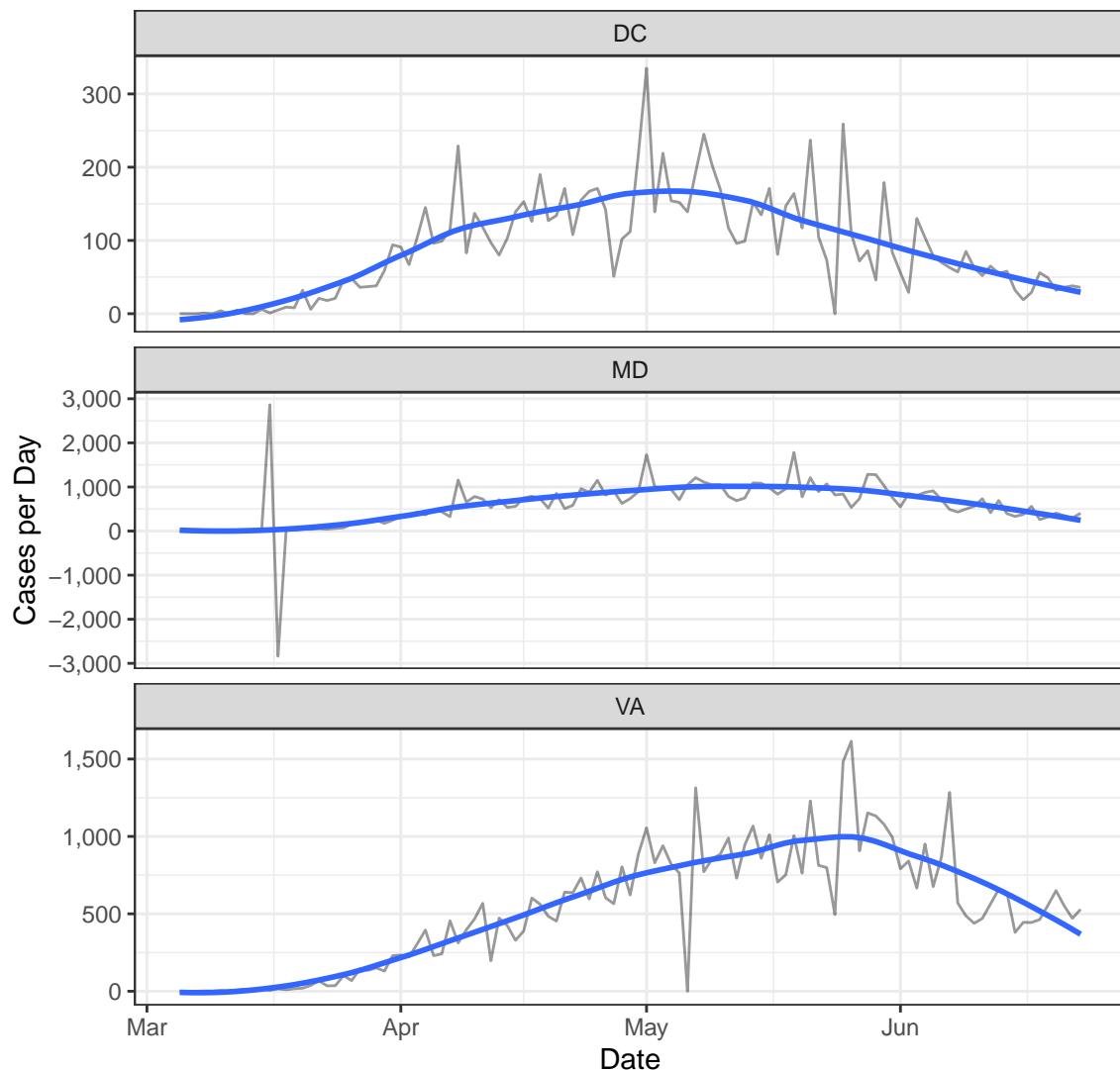




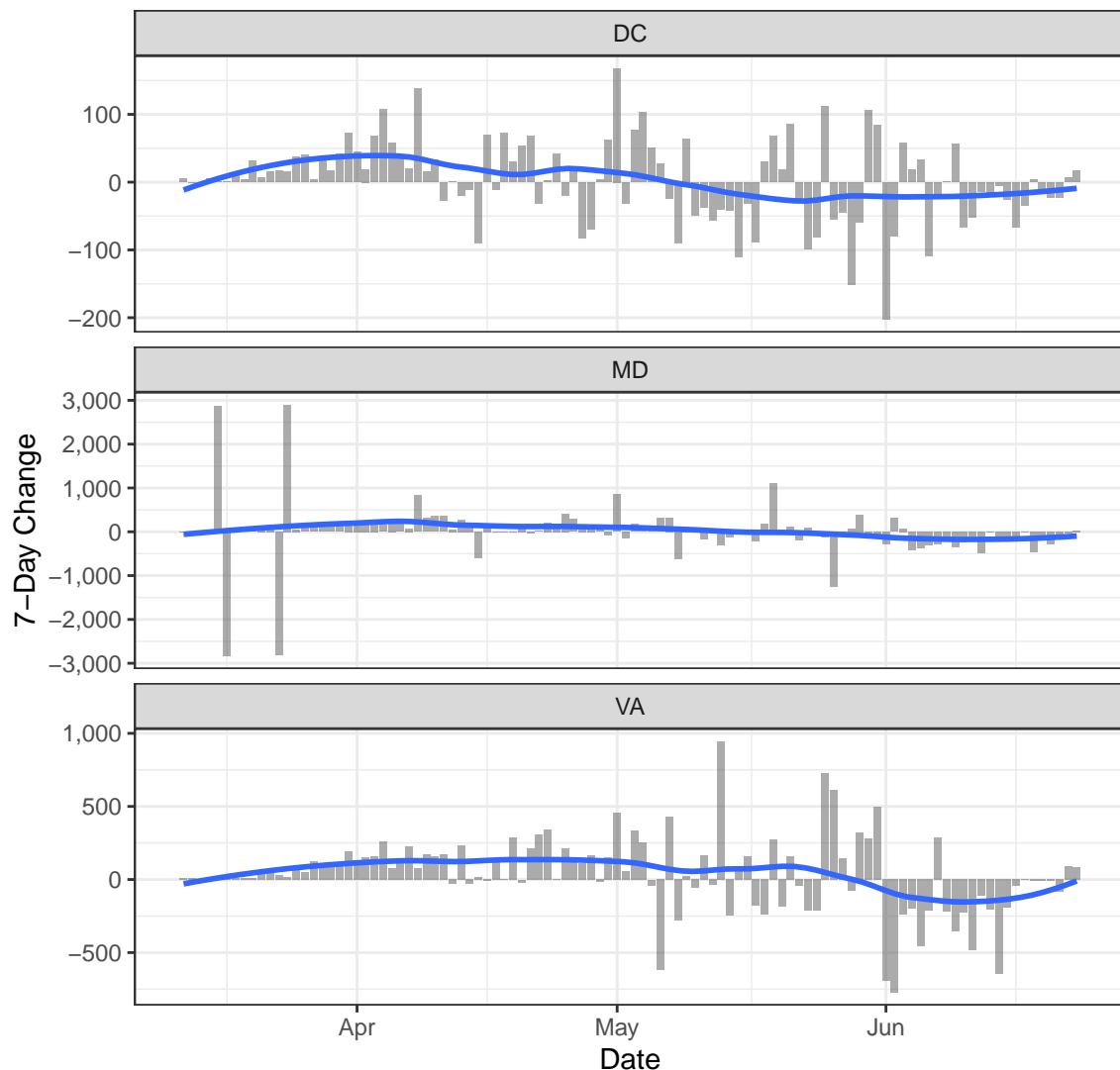
## Cases

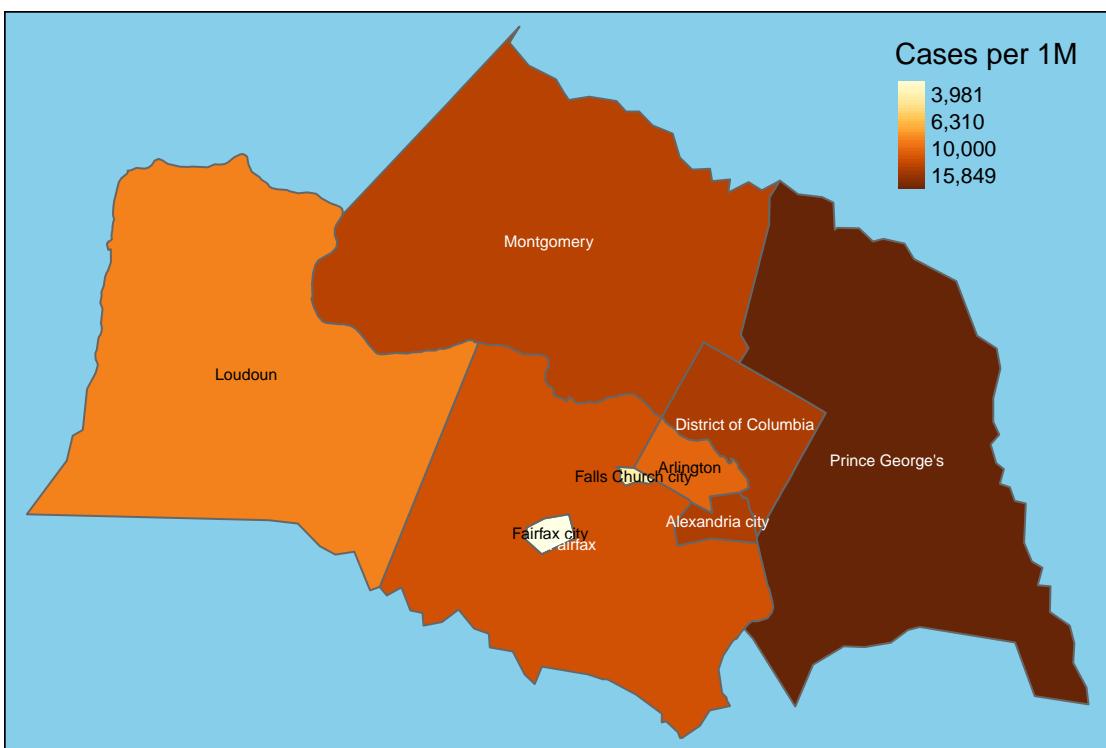
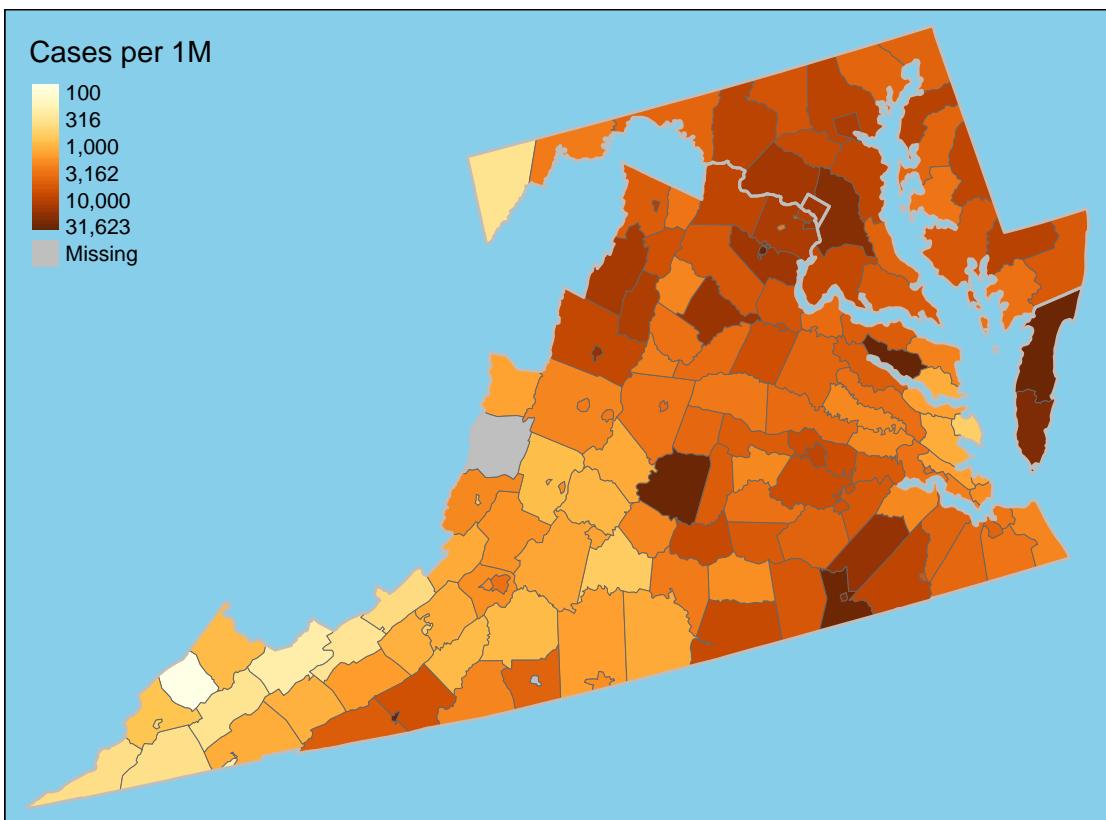


## New Cases

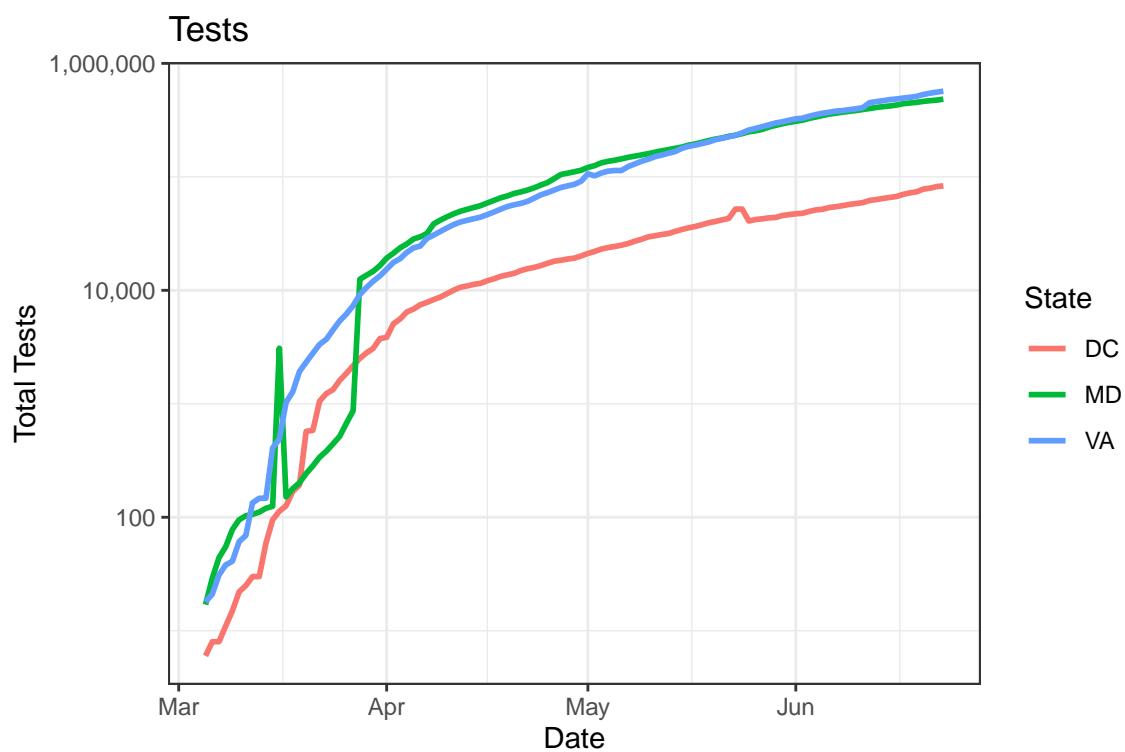


## One-Week Change in Daily Cases

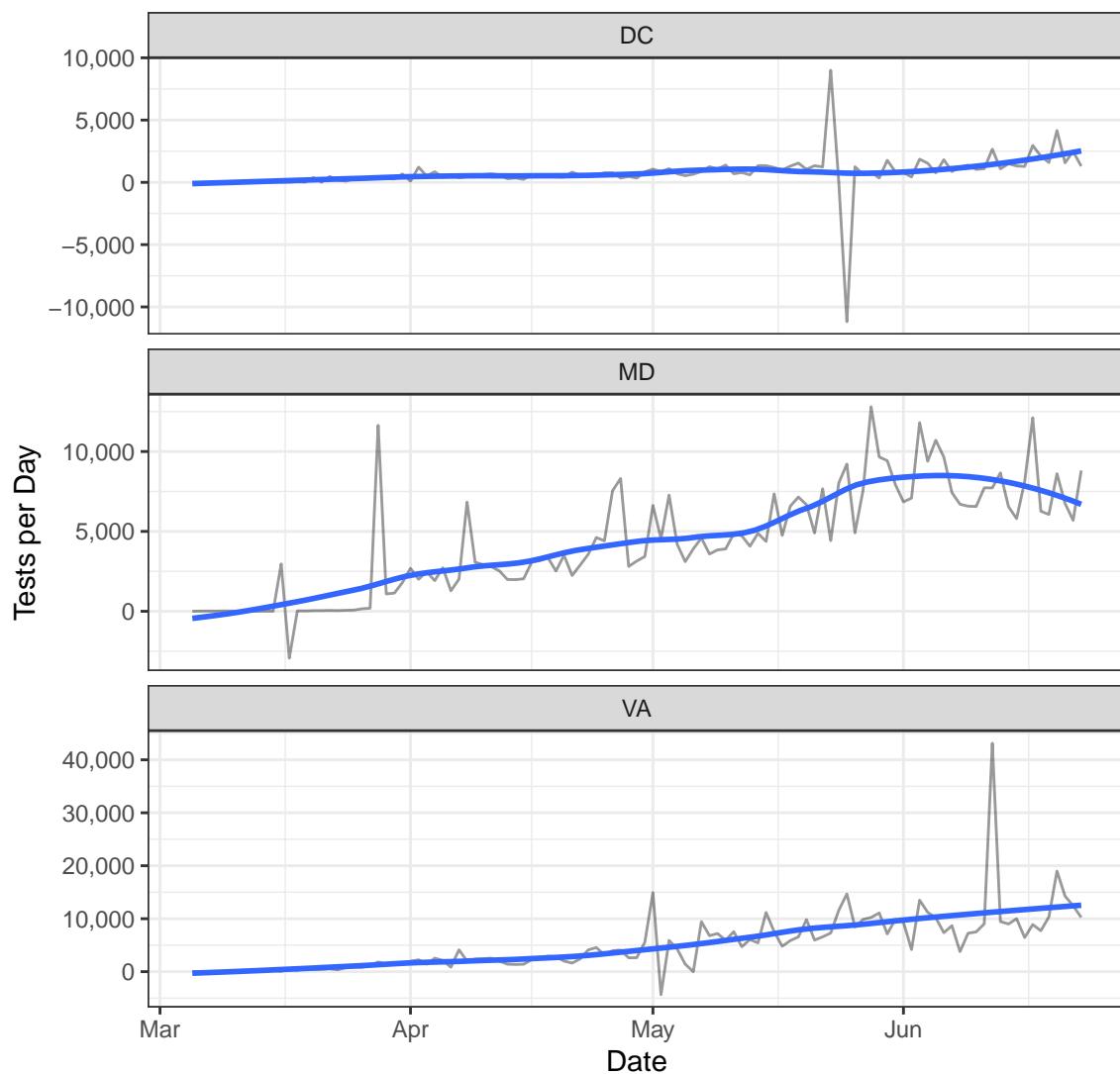




## Testing



## New Tests



## Positive Test Rate

