

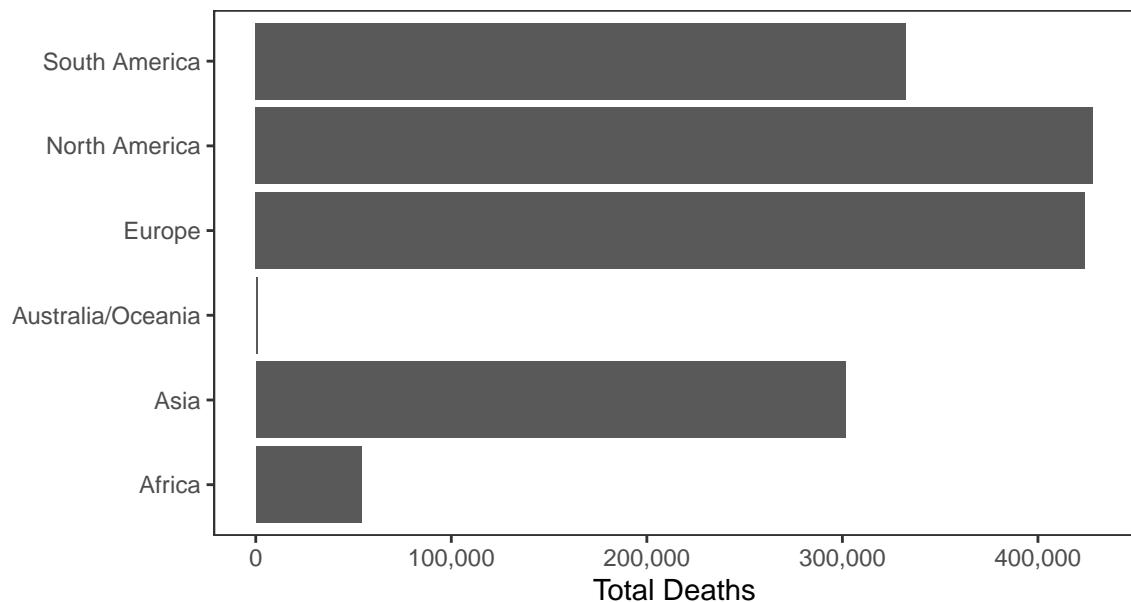
# Erik's Covid-19 Chart Pack

Data updated 2020-12-07 07:59:34. 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 67,377,453 confirmed Covid-19 cases and 1,541,373 deaths worldwide.

**Deaths**



**Cases**

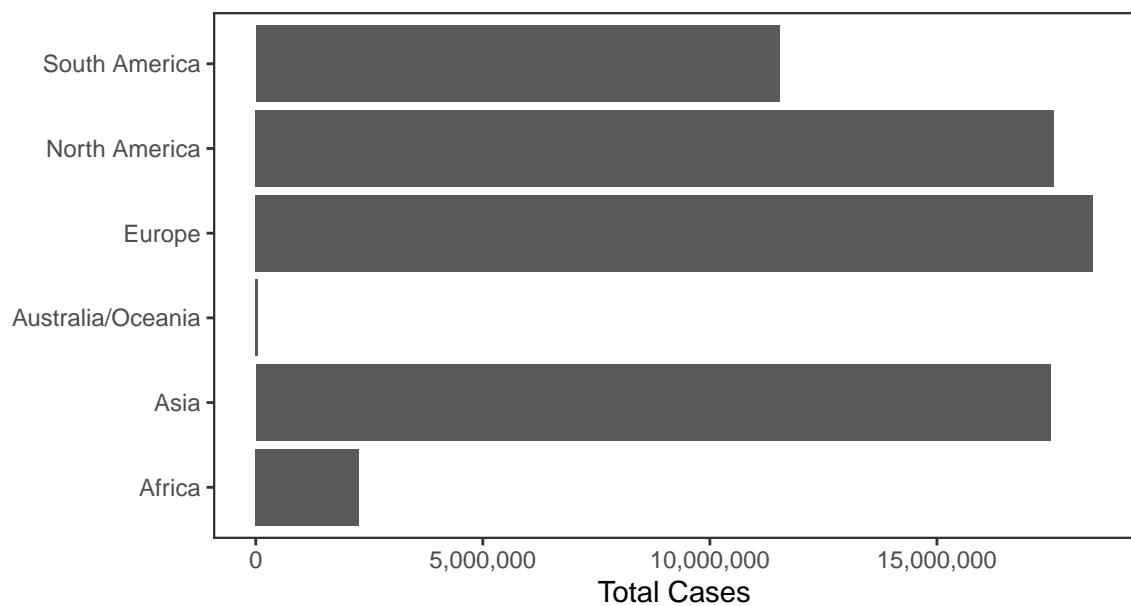
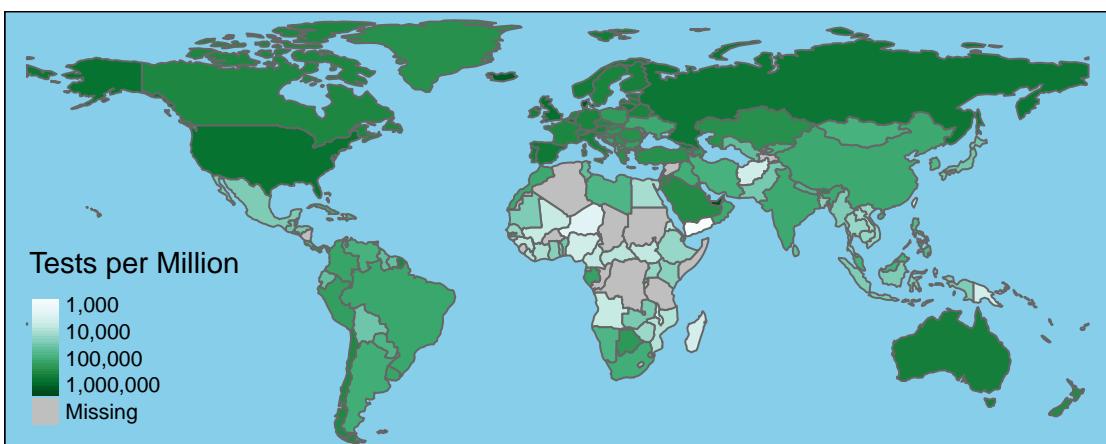
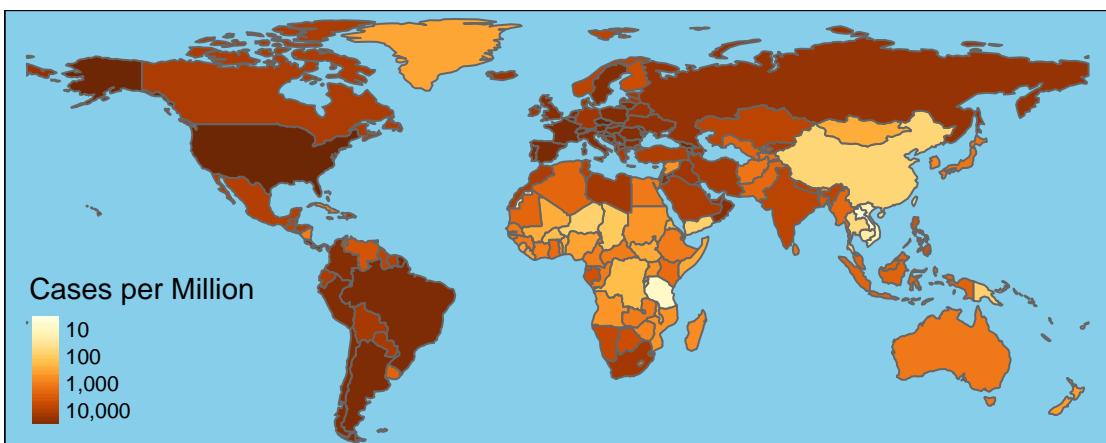
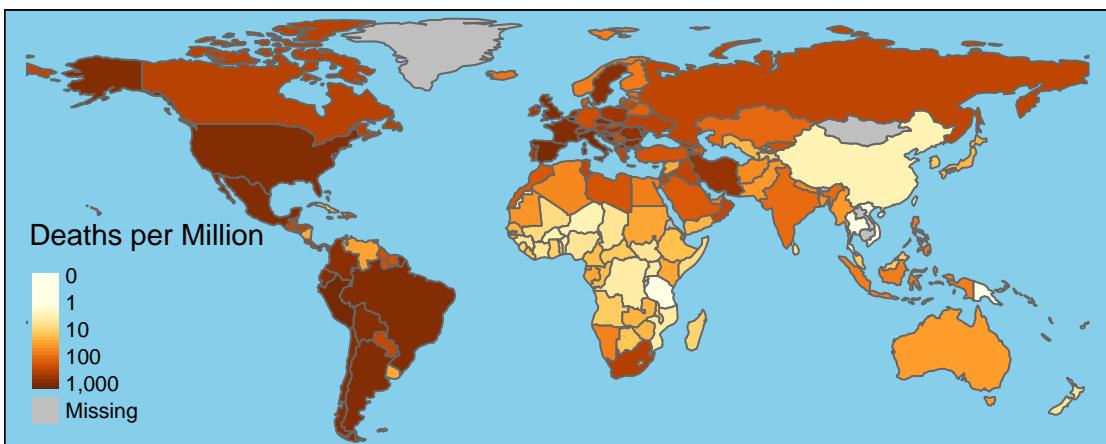


Table 1: Top Countries by Total Cases

Country	Cases	Deaths	New Cases	New Deaths
USA	15,159,529	288,906	173,861	1,076
India	9,676,801	140,590	32,272	374
Brazil	6,603,540	176,962	26,363	321
Russia	2,460,770	43,141	29,039	457
France	2,292,497	55,155	11,022	174
Italy	1,728,878	60,078	18,887	564
UK	1,723,242	61,245	17,272	231
Spain	1,699,145	46,252	0	0
Argentina	1,463,110	39,770	3,278	138
Colombia	1,371,103	37,808	8,854	175
Germany	1,184,845	19,159	14,750	184
Mexico	1,168,395	109,456	11,625	593
Poland	1,063,447	20,089	9,174	228
Iran	1,040,547	50,310	11,561	294
Peru	973,912	36,274	1,224	43
Turkey	828,295	14,900	30,402	195
South Africa	814,565	22,206	4,116	139
Ukraine	813,306	13,588	11,590	167
Belgium	589,942	17,254	2,503	112
Indonesia	575,796	17,740	6,089	151



## National Data

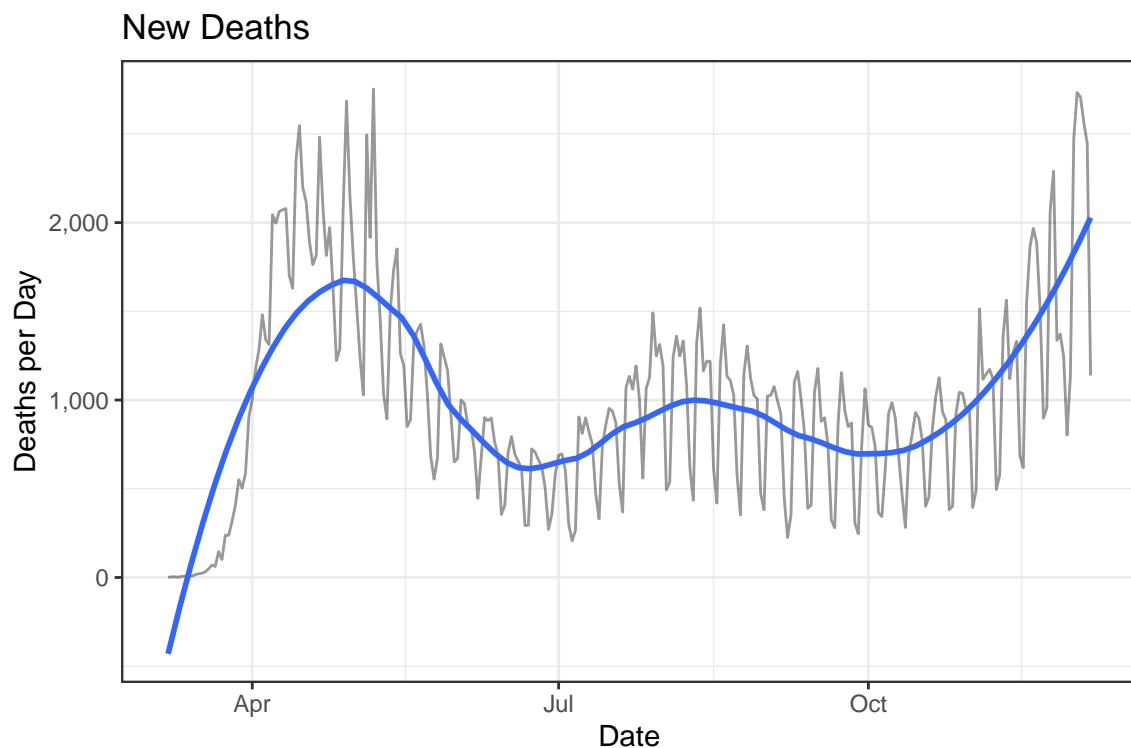
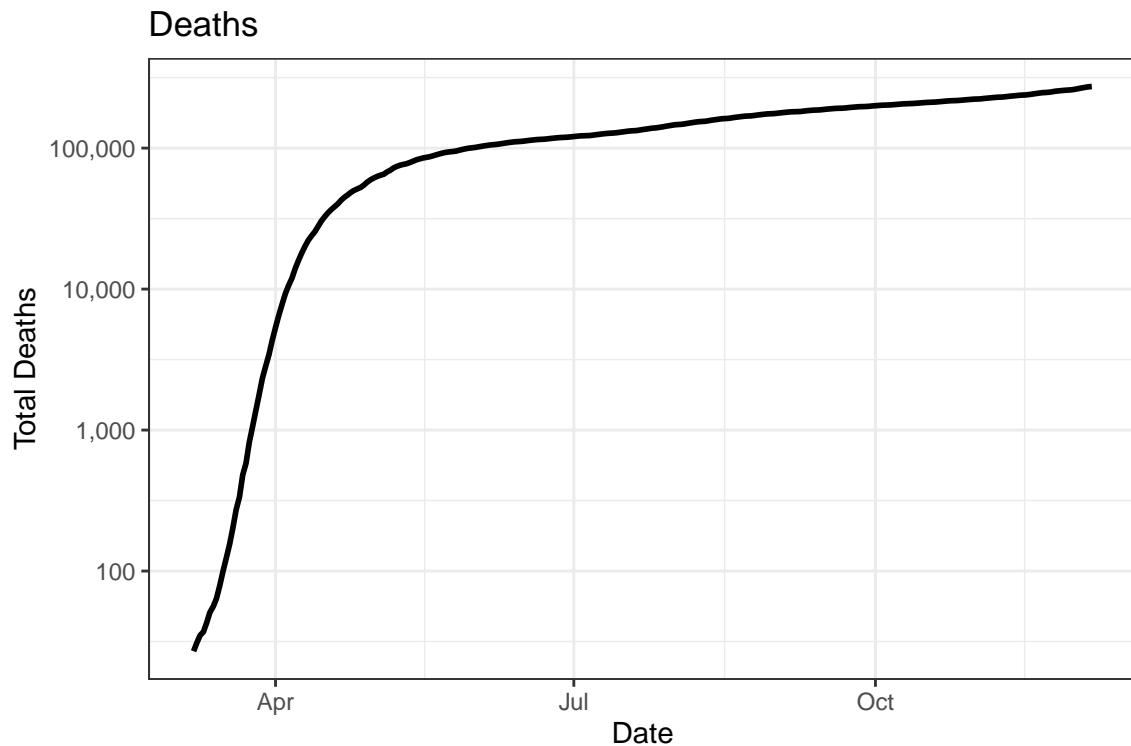
There have been 14,534,035 confirmed Covid-19 cases and 273,374 deaths in the United States.

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

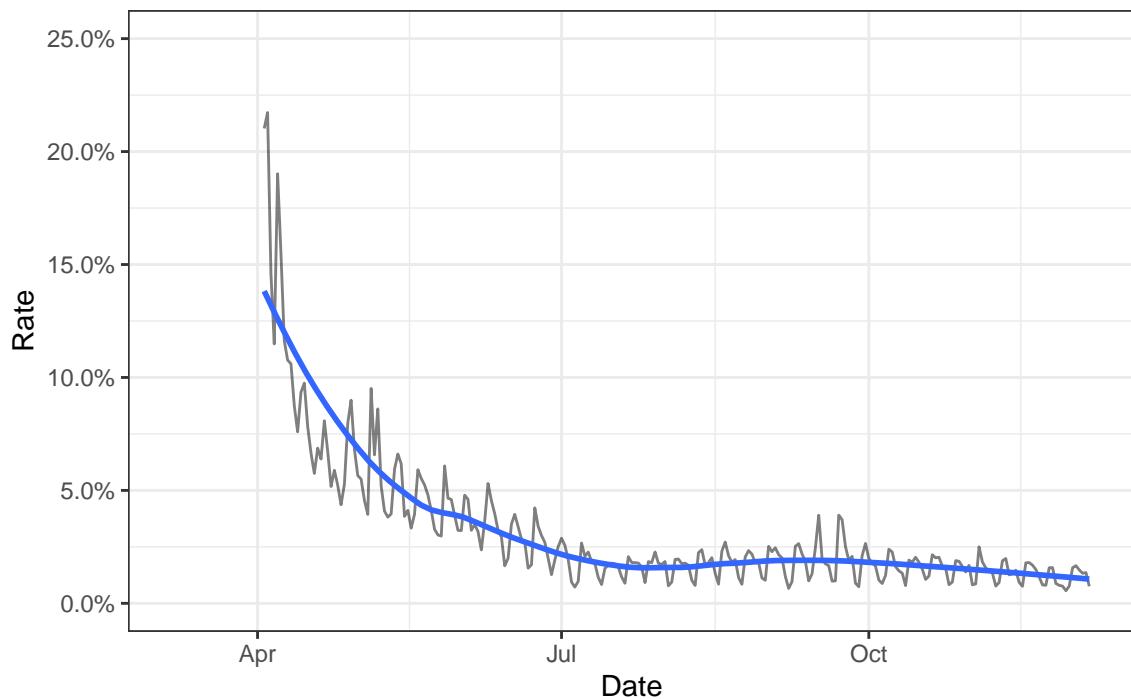
Date	Cases	Deaths	New Cases	New Deaths
2020-12-06	14,534,035	273,374	176,771	1,138
2020-12-05	14,357,264	272,236	211,073	2,445
2020-12-04	14,146,191	269,791	224,831	2,563
2020-12-03	13,921,360	267,228	210,204	2,706
2020-12-02	13,711,156	264,522	195,796	2,733
2020-12-01	13,515,360	261,789	176,753	2,473
2020-11-30	13,338,607	259,316	147,587	1,136
2020-11-29	13,191,020	258,180	135,242	803
2020-11-28	13,055,778	257,377	154,522	1,245
2020-11-27	12,901,256	256,132	193,725	1,372
2020-11-26	12,707,531	254,760	126,335	1,336
2020-11-25	12,581,196	253,424	183,629	2,289
2020-11-24	12,397,567	251,135	167,014	2,066
2020-11-23	12,230,553	249,069	150,958	955

## Deaths

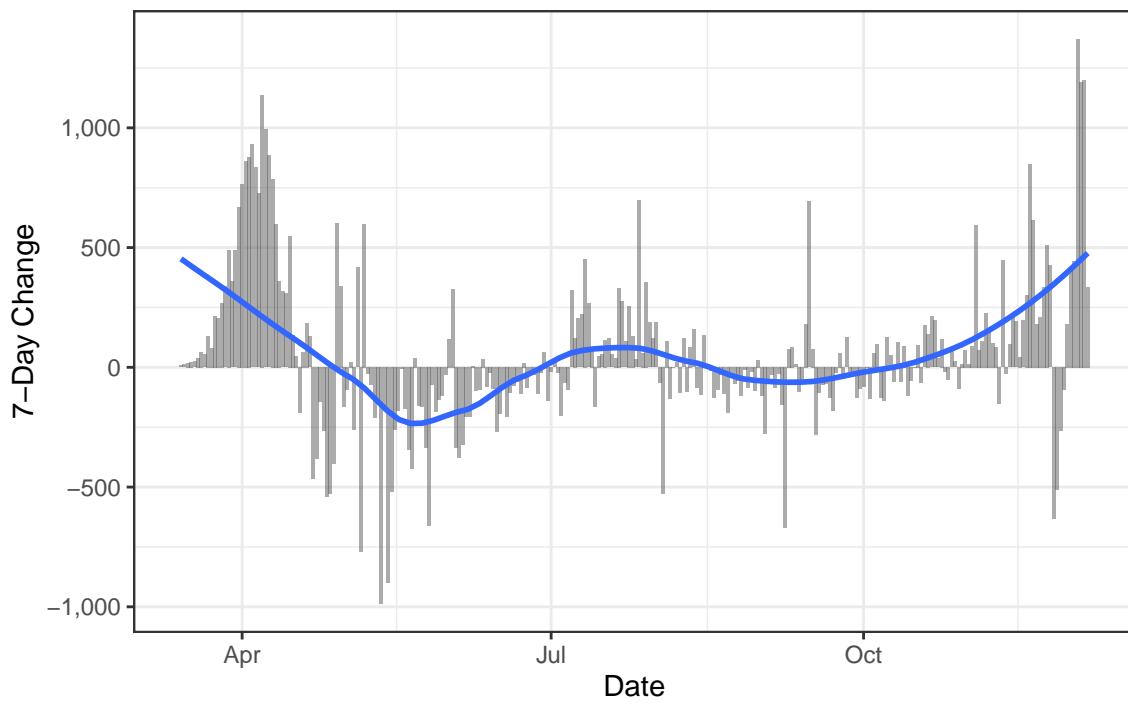
Because the effects of the virus can take several weeks to manifest in patients, deaths are a lagging indicator of contagion, but they may be a more reliable than case counts, which are a function of both the prevalence of the disease and the rate of testing. The case mortality rate is a very crude indicator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

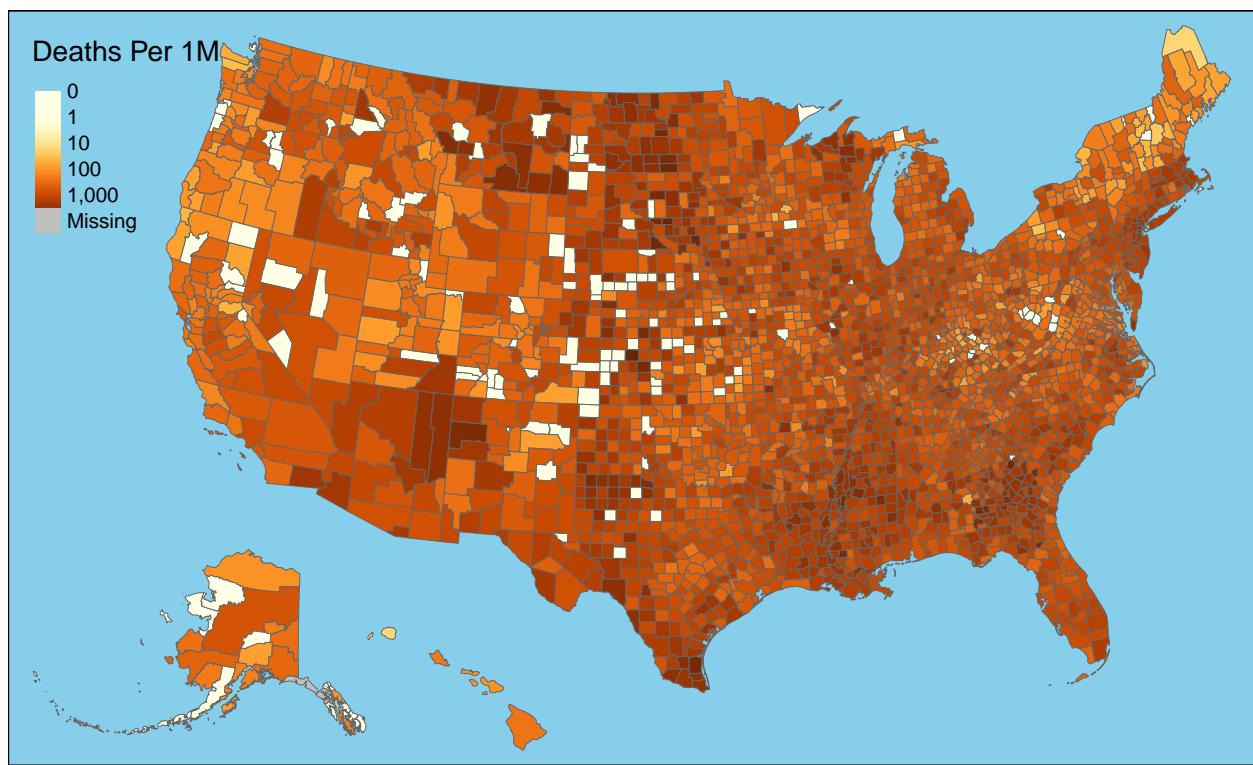


Daily Case Mortality Rate



One-Week Change in Daily Deaths

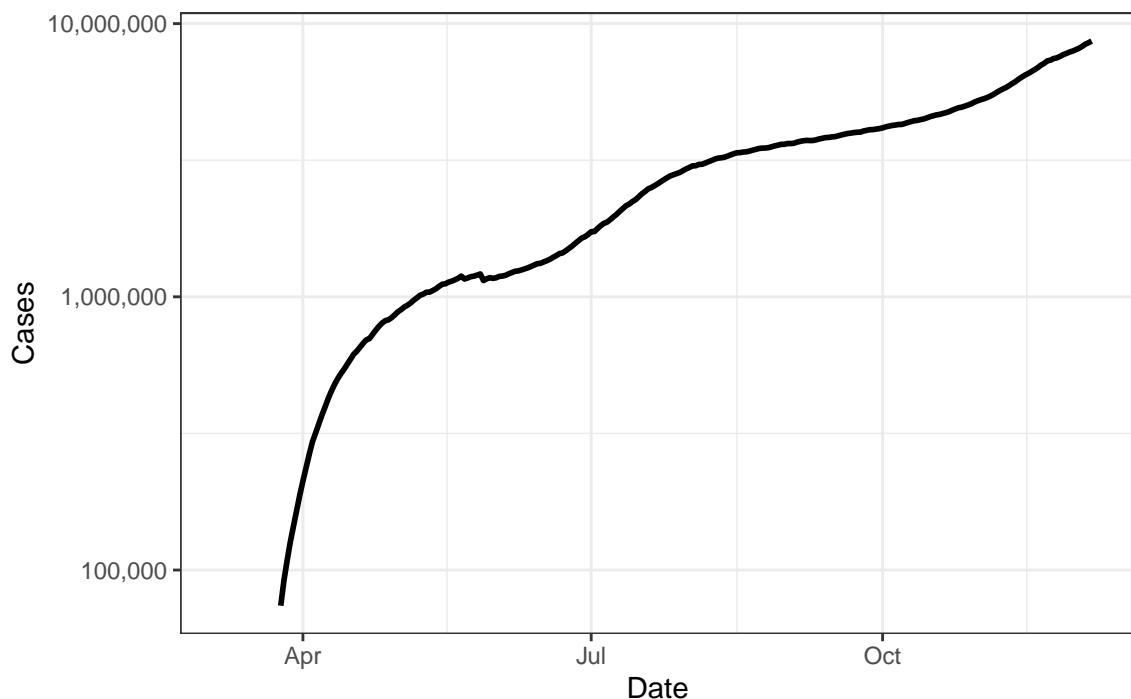




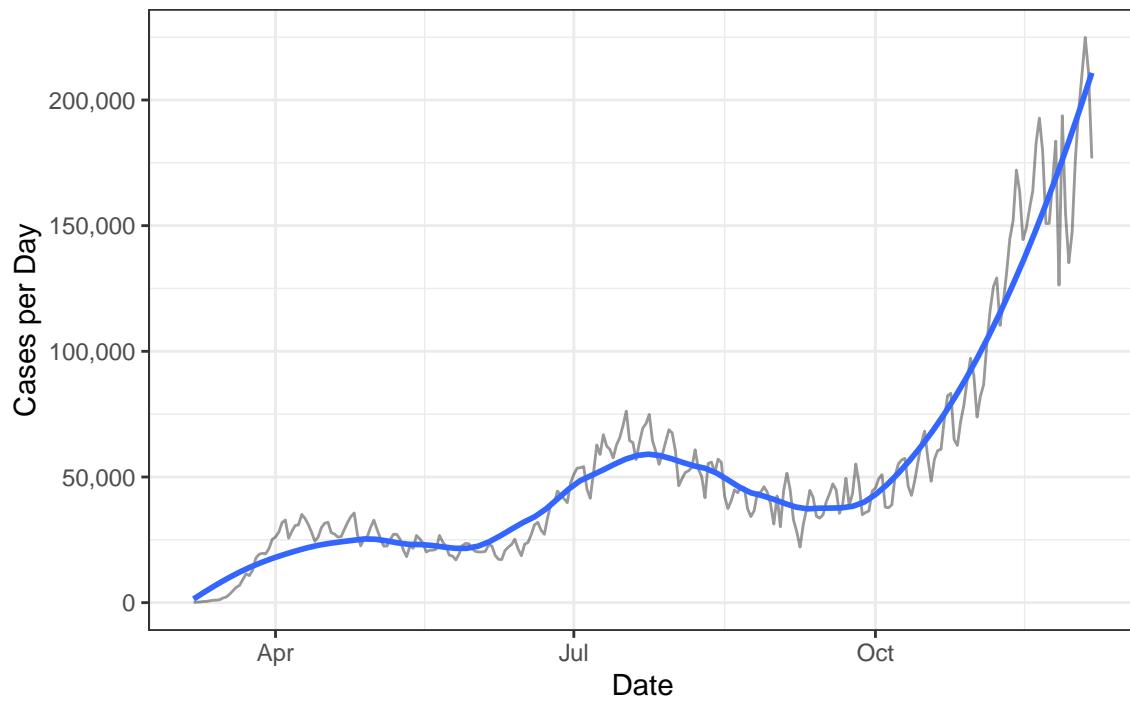
## Cases

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

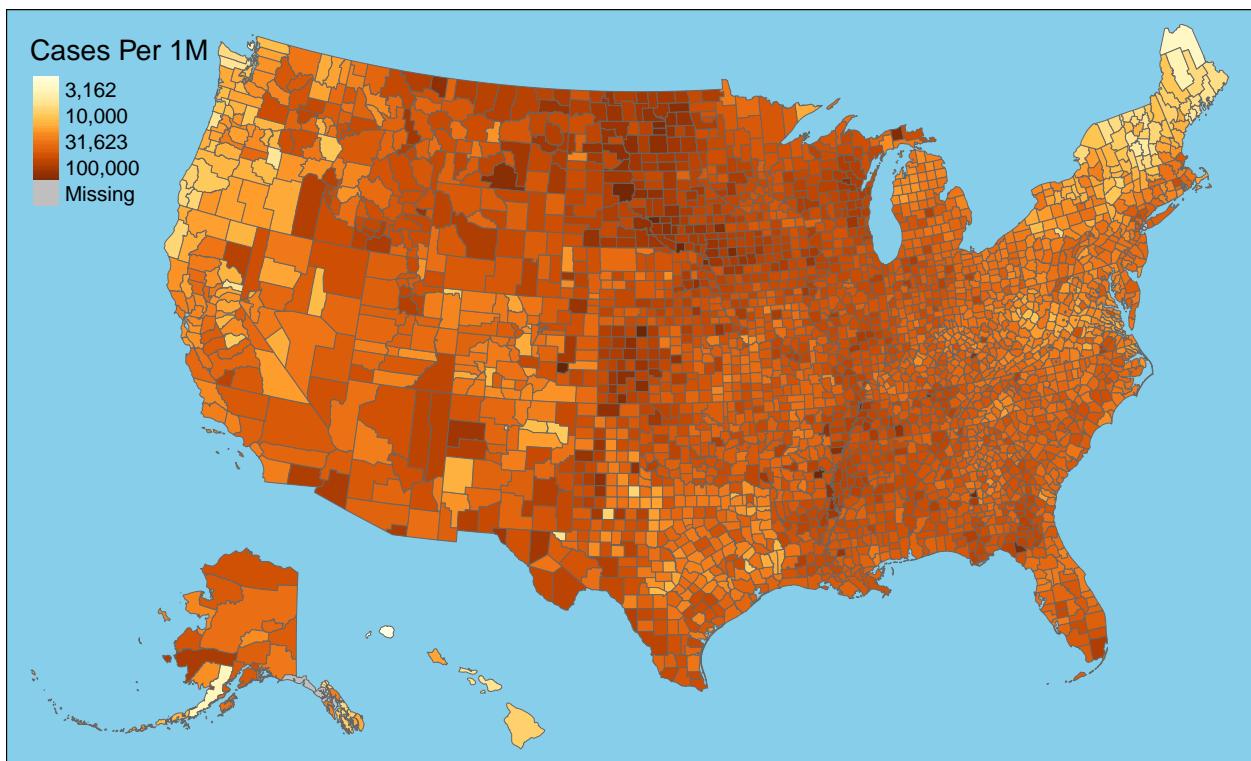
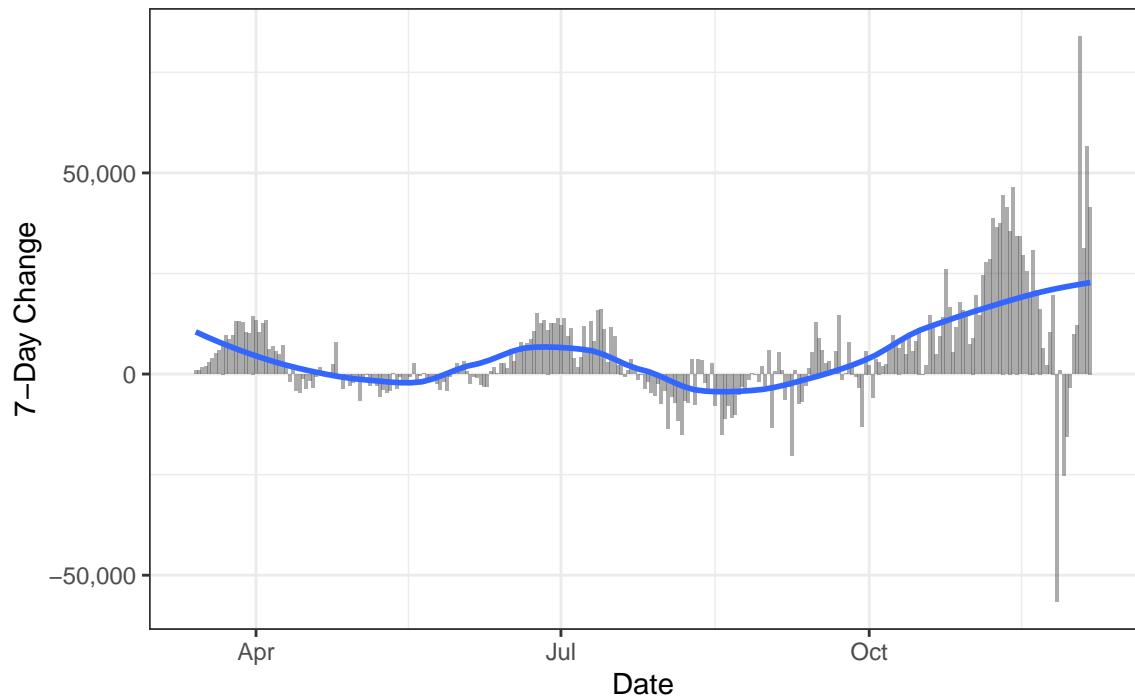
### Active Cases



### New Cases

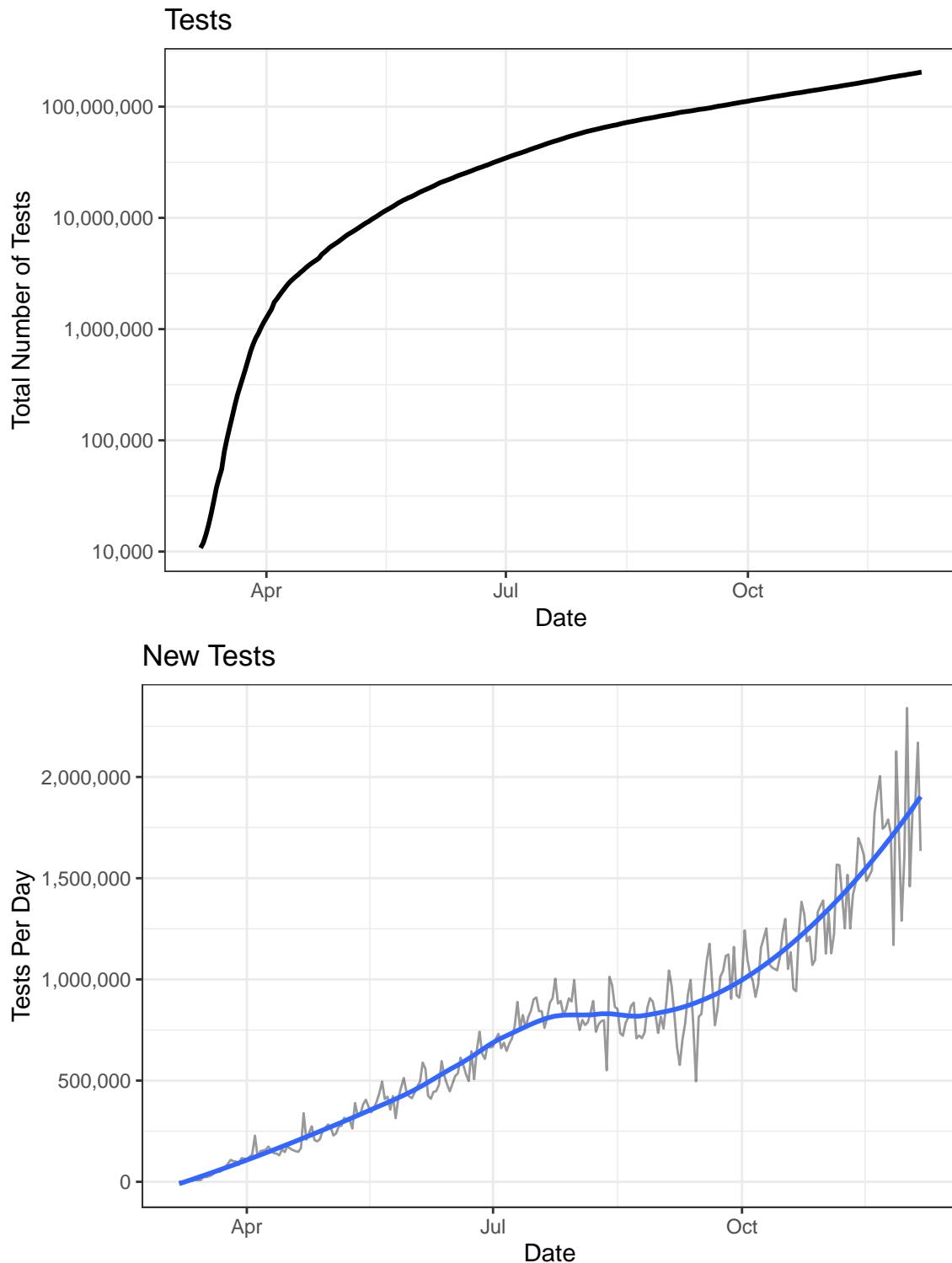


## One-Week Change in Daily Cases

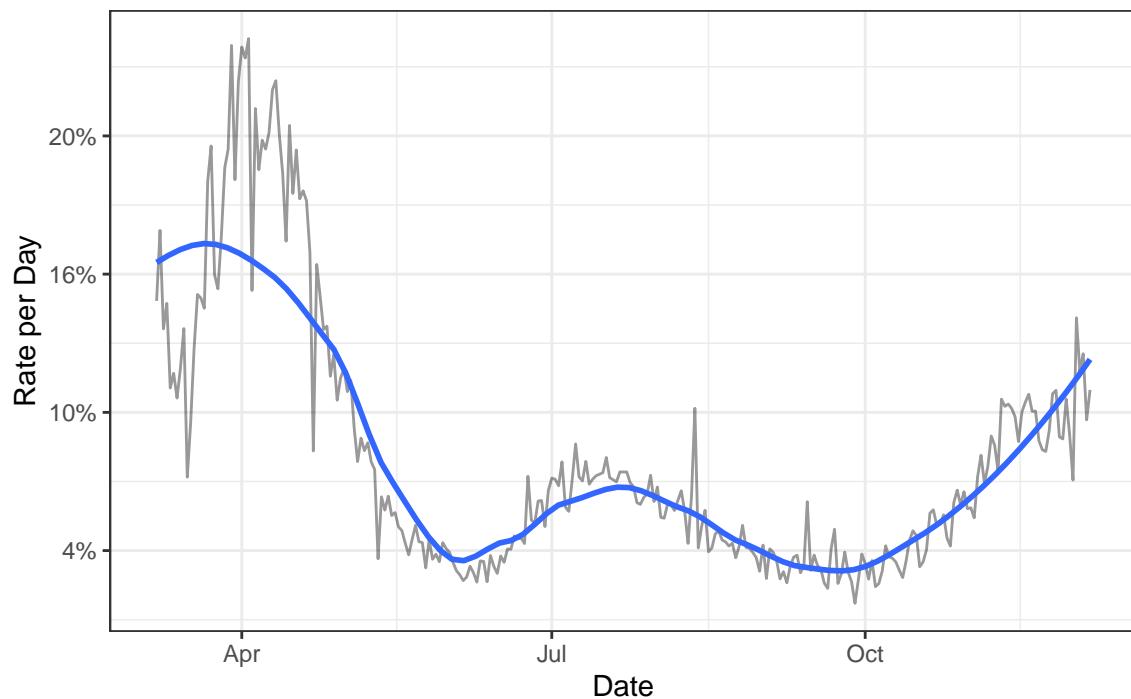


## Testing

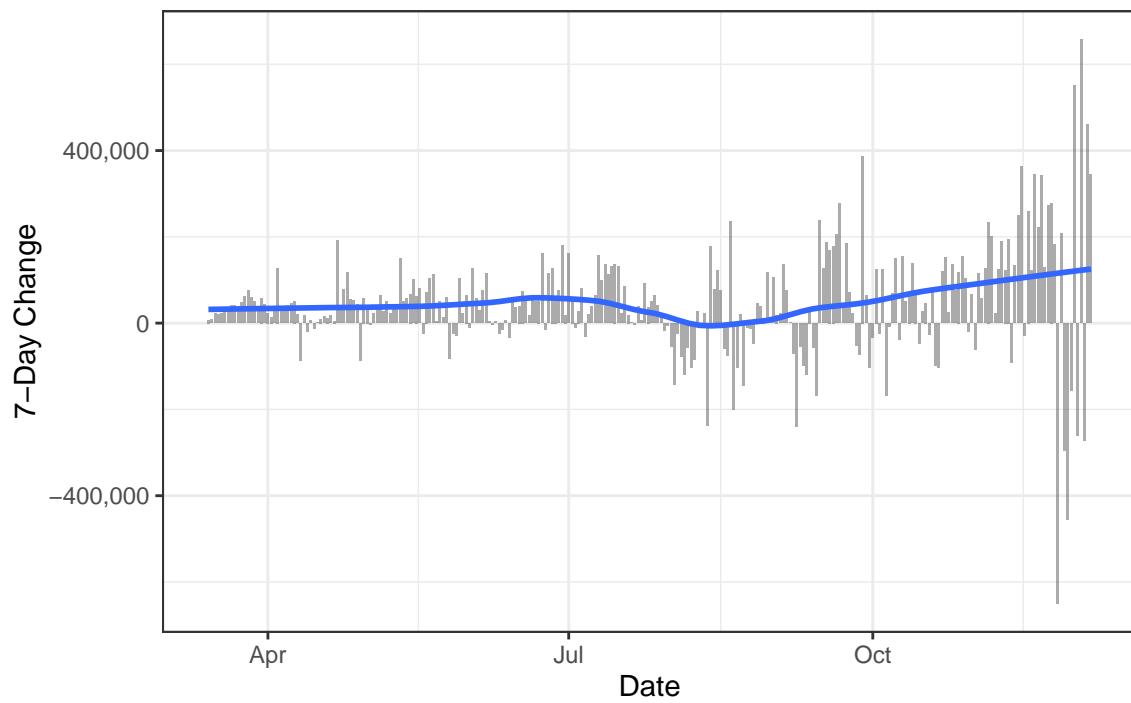
Widespread testing is necessary for managing the spread of the disease. The following charts show how testing in the United States has changed over time. When the supply of available tests is limited, they are typically only used for patients whose symptoms suggest they are likely to have contracted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



Positive Test Rate



One-Week Change in Daily Tests

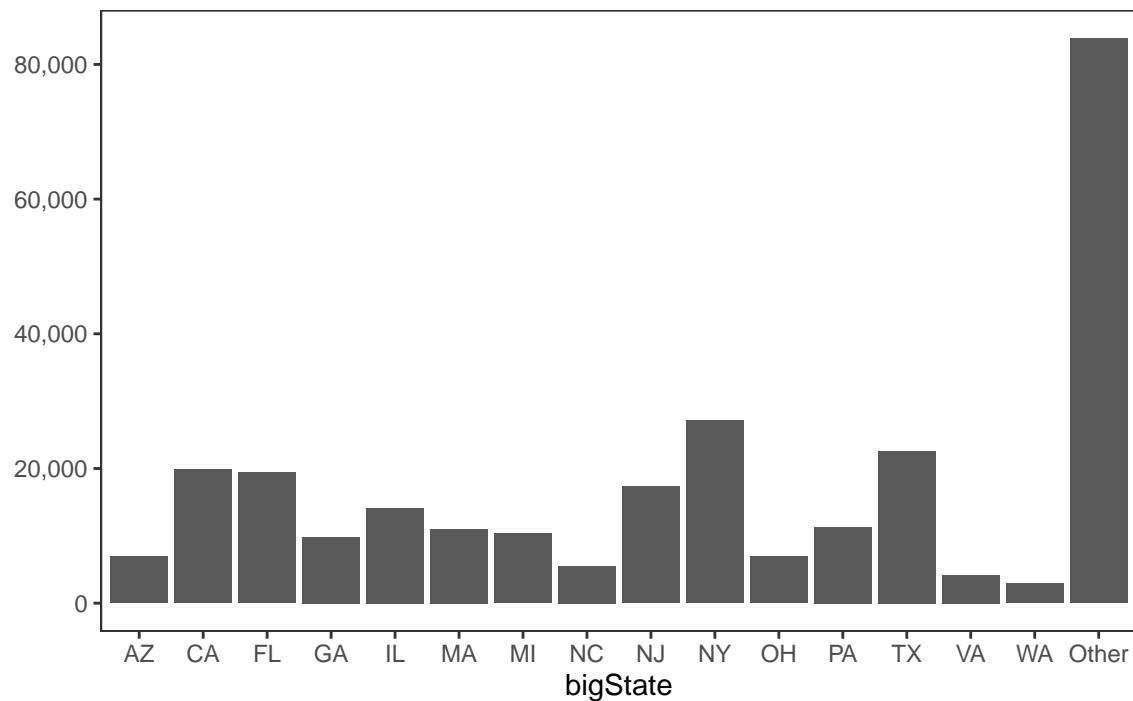


## State Data

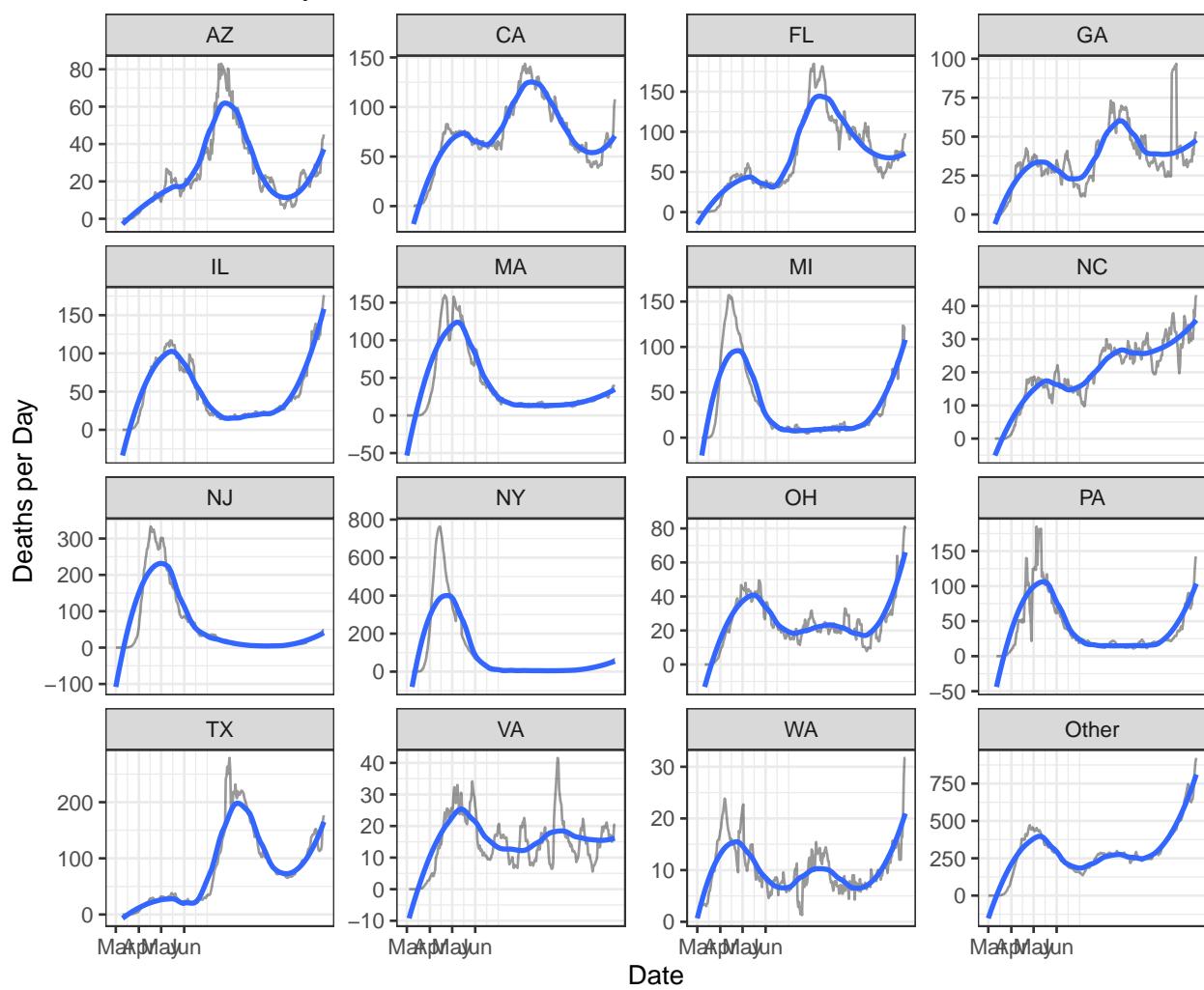
This section summarizes state-level data. Most data are reported for the largest 15 states by population, which account for NaN percent of the total U.S. population.

### Deaths

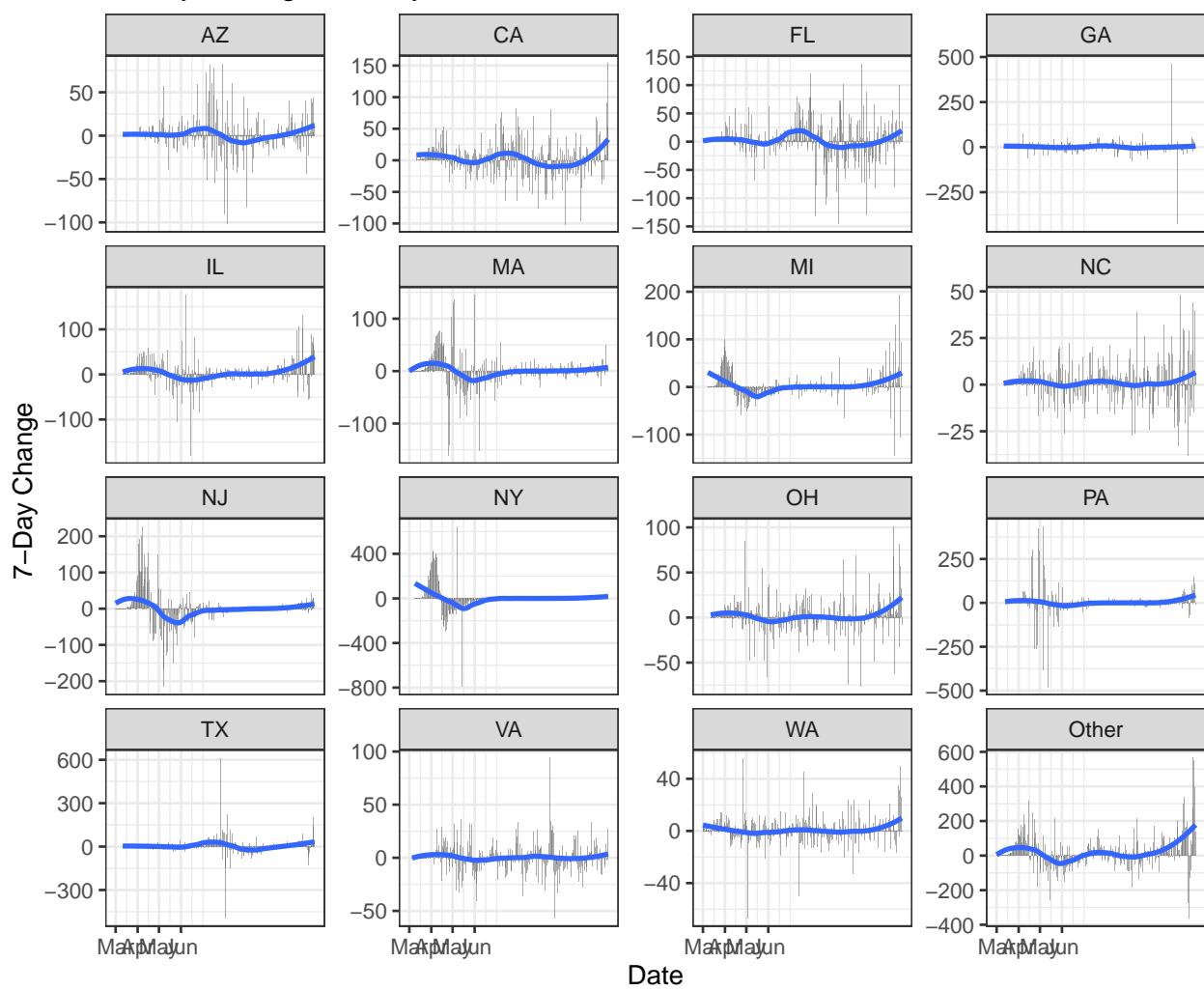
Deaths by State

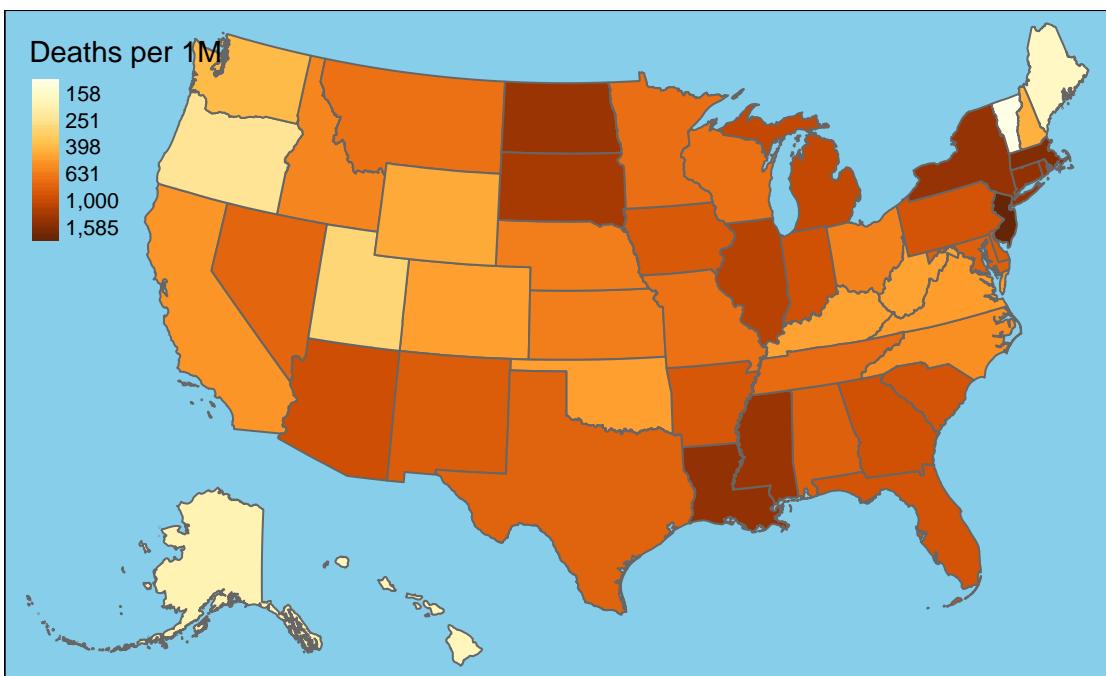
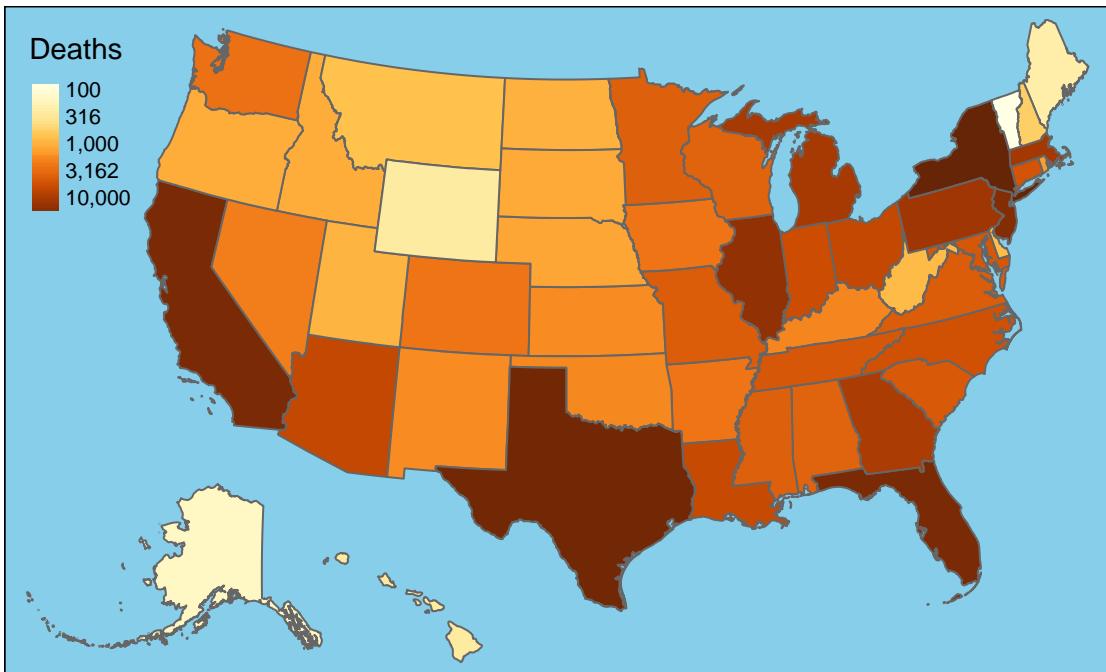


## New Deaths by State



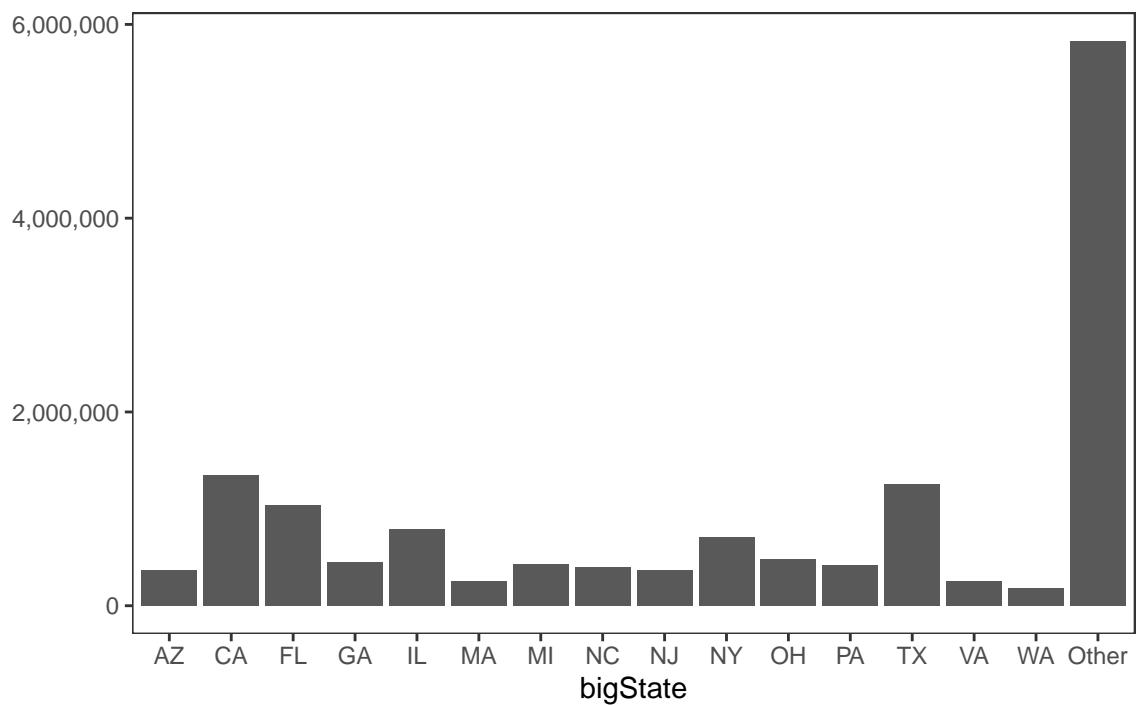
### 7-Day Change in Daily Deaths



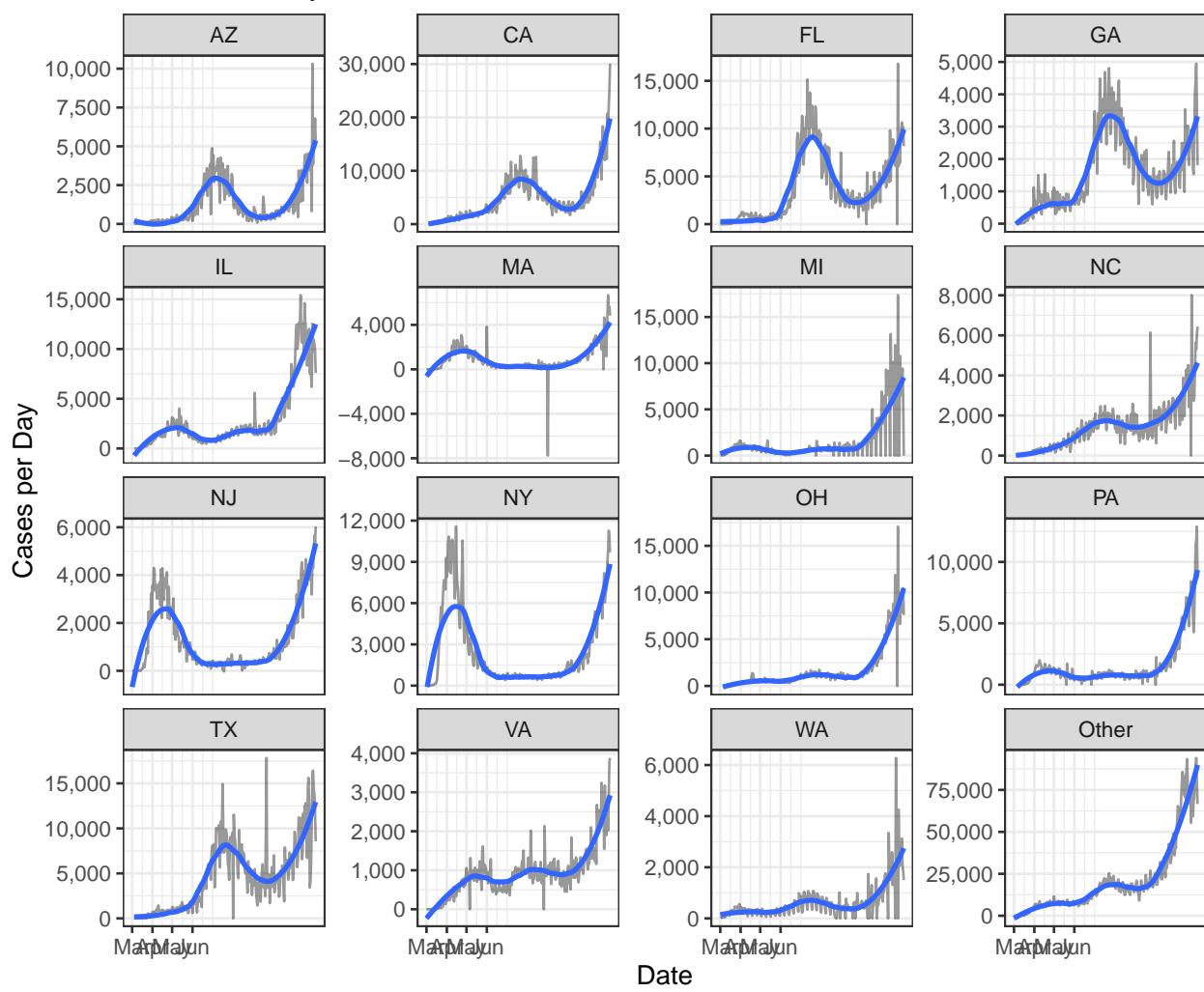


Cases

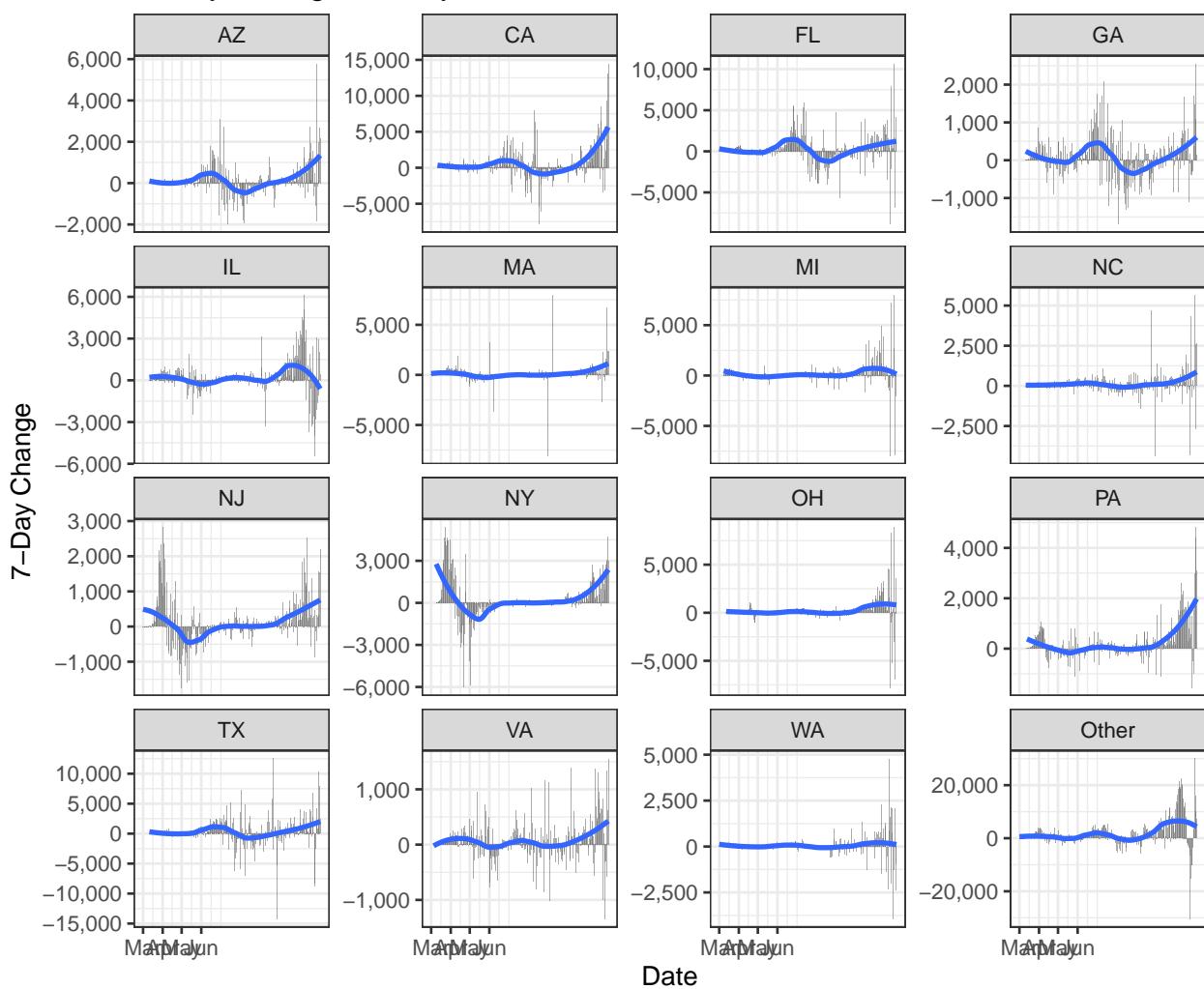
Cases by State

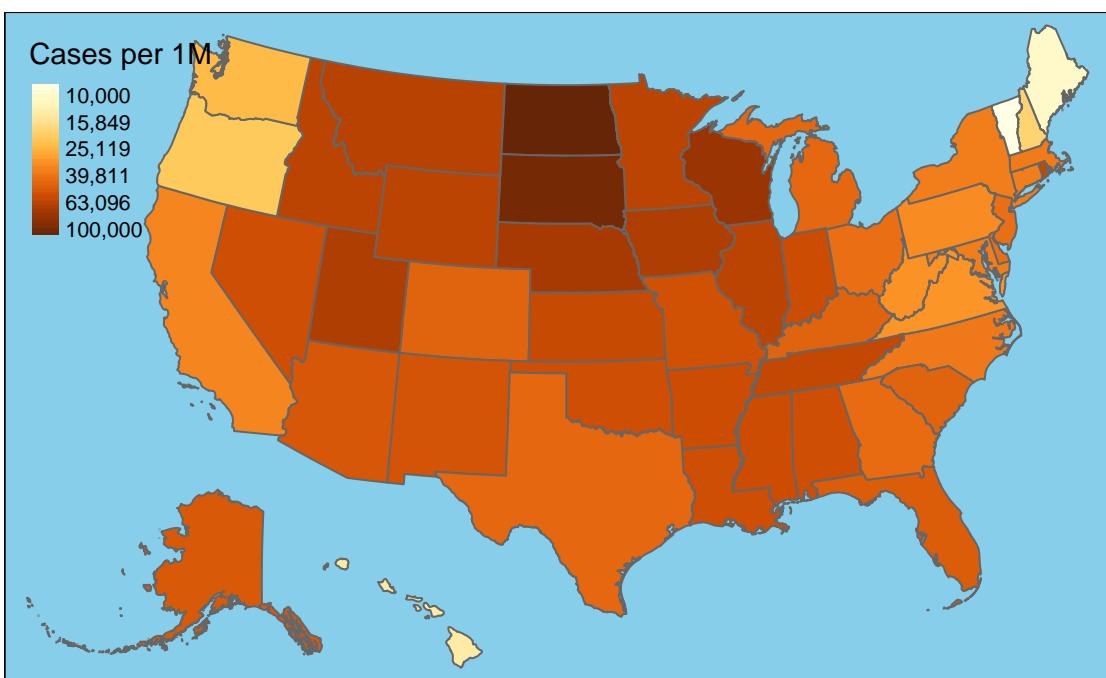
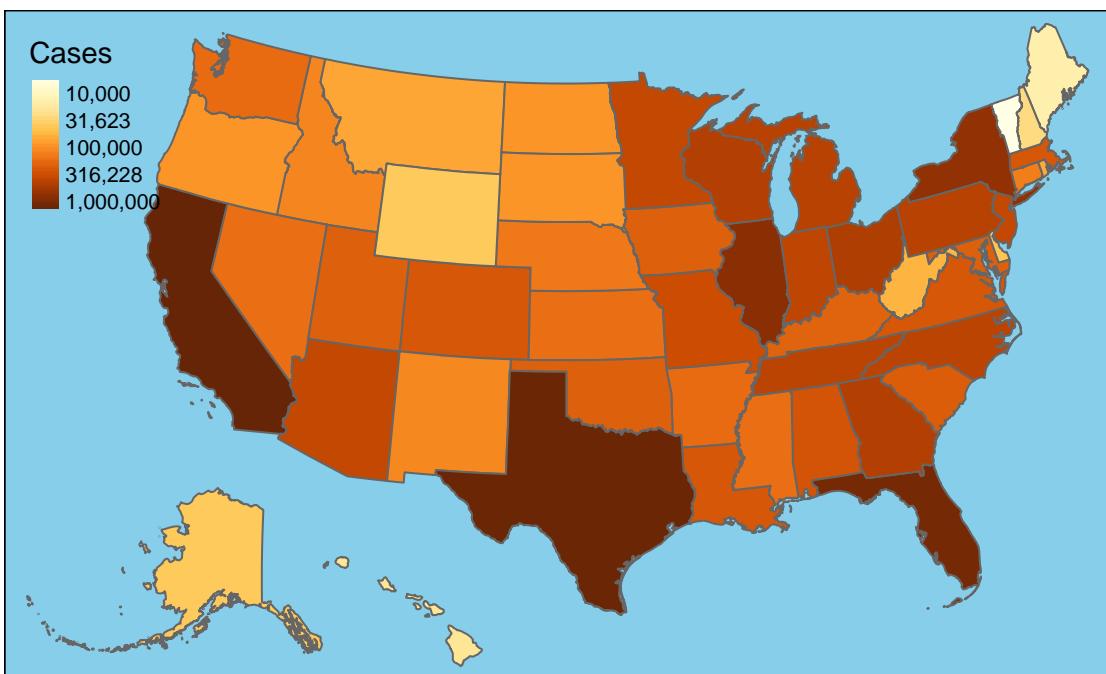


## New Cases by State

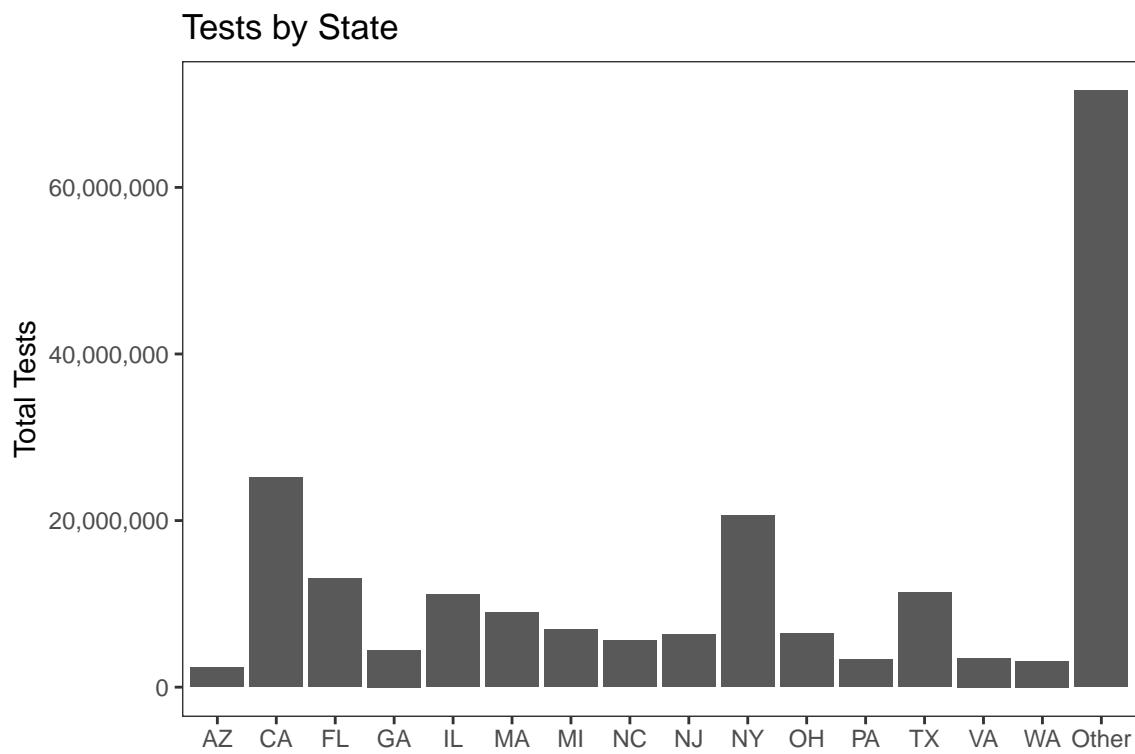


### 7-Day Change in Daily Cases

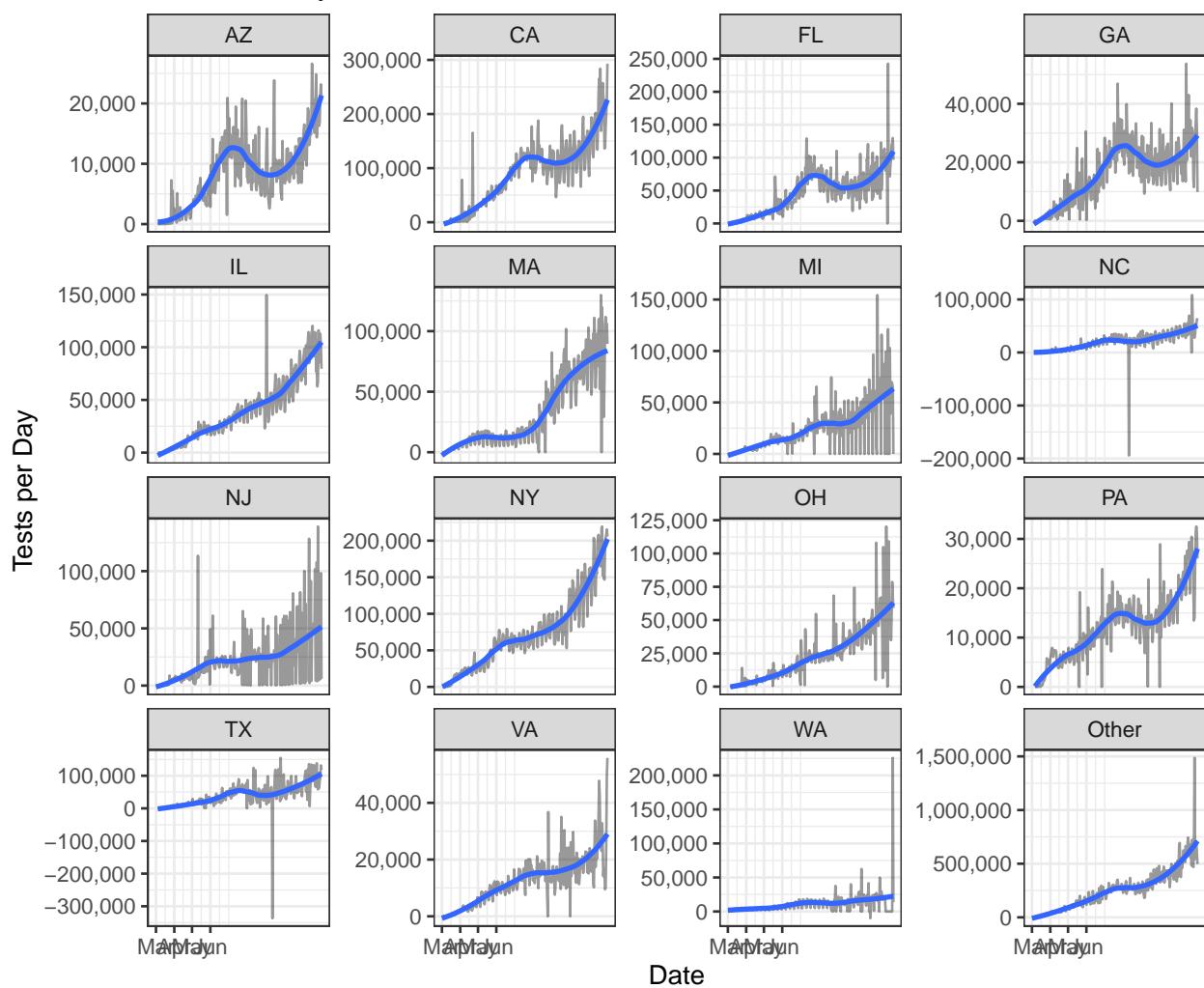


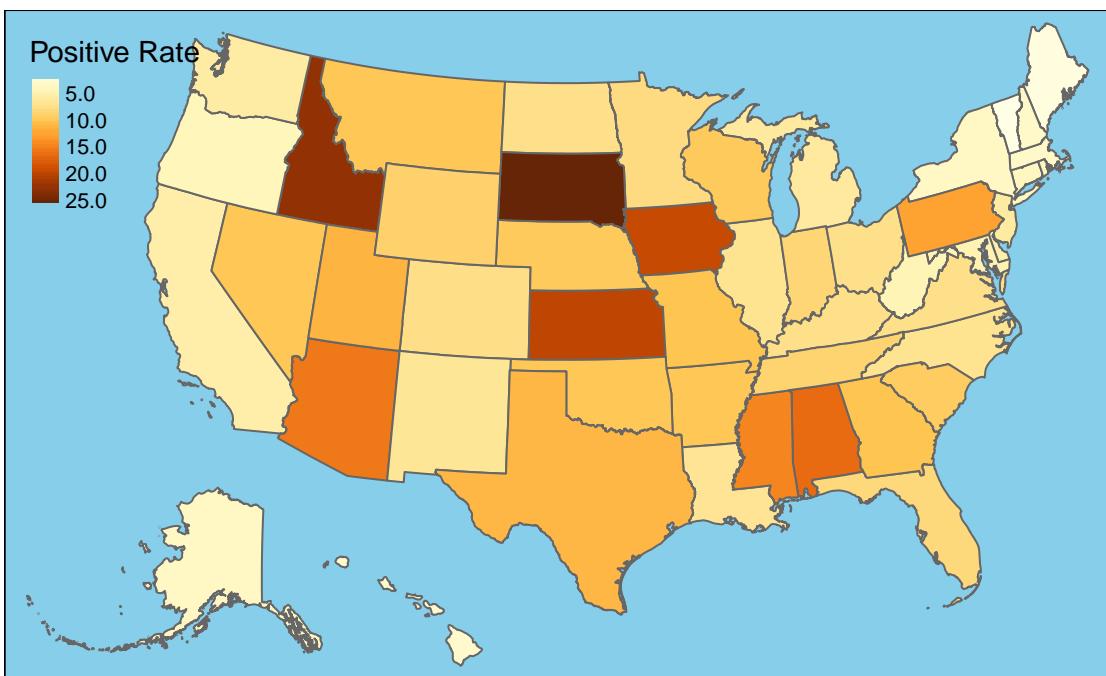
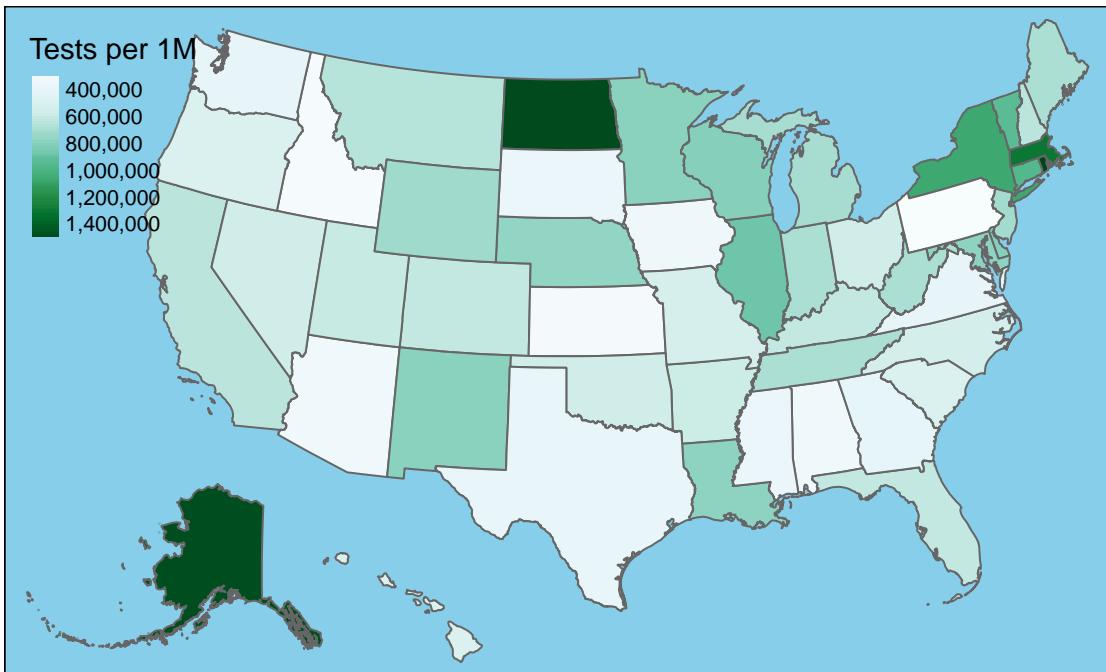


## Testing



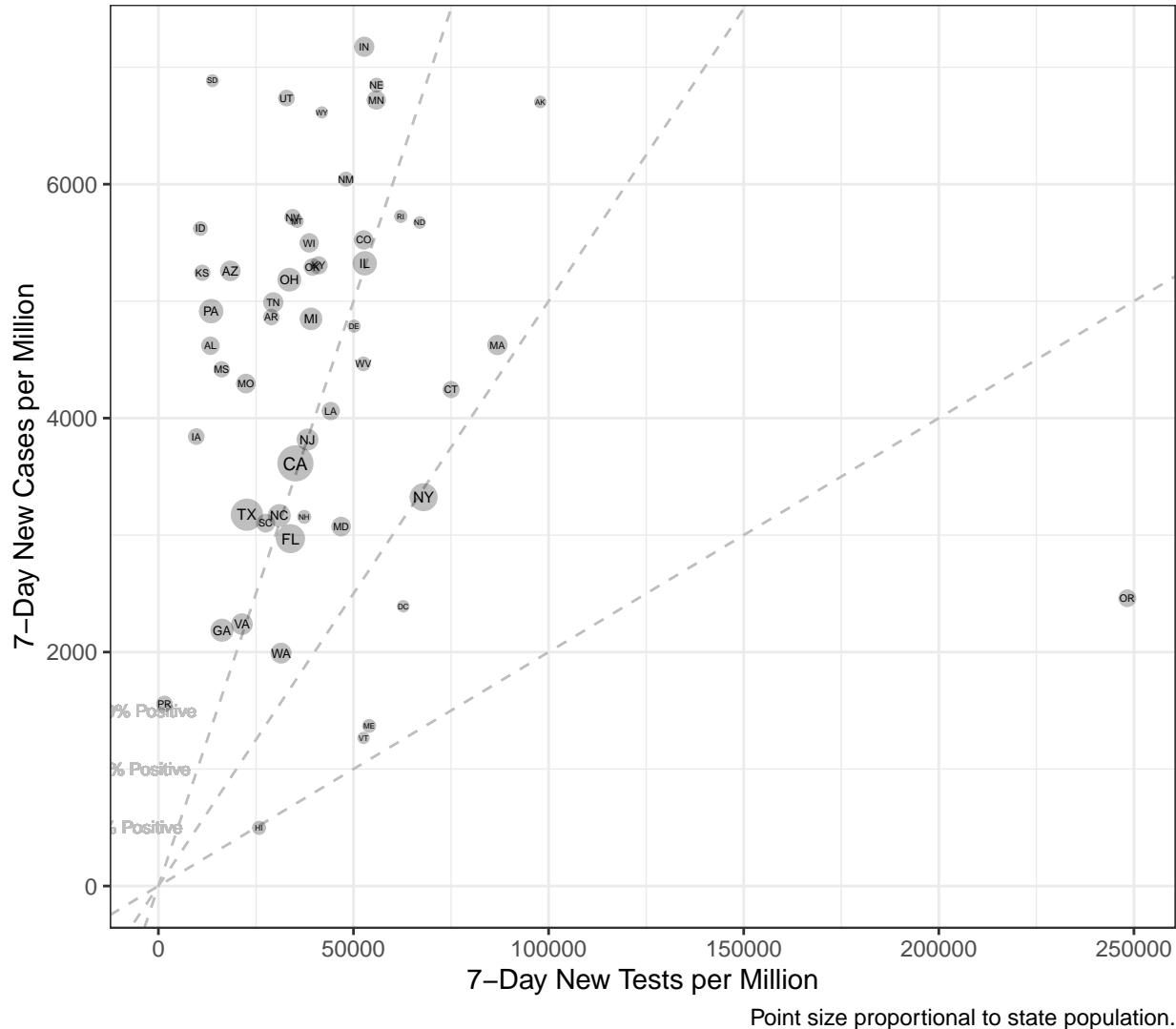
## New Tests by State





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



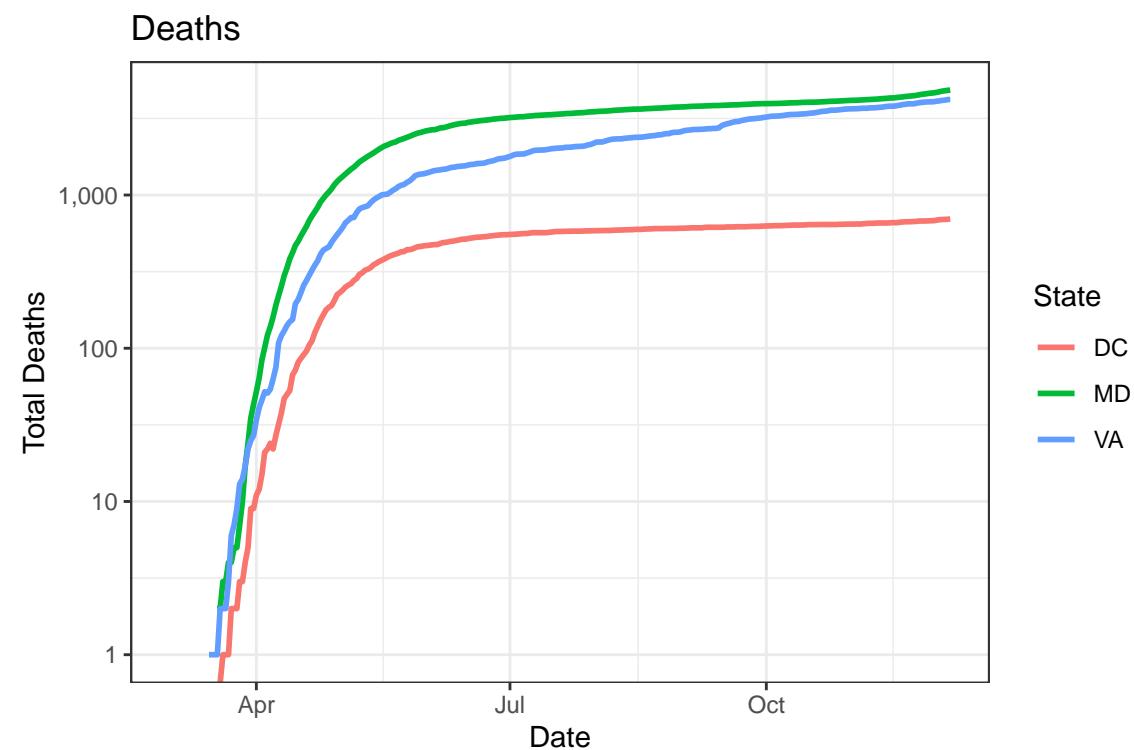
## Local Data

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

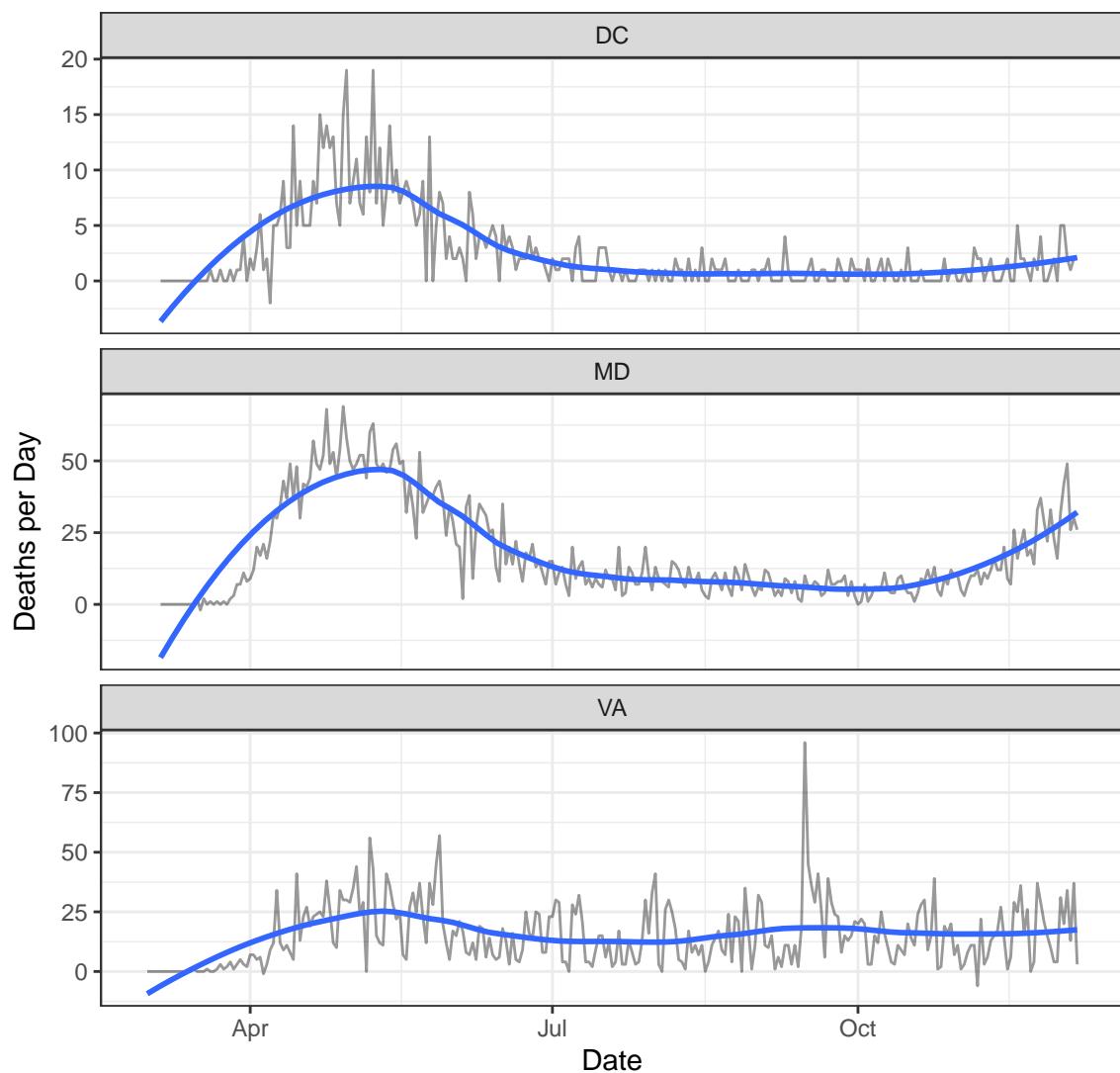
Table 3: Latest Local Data

State	Cases	Deaths	New Cases	New Deaths
DC	23,136	697	264	2
MD	215,027	4,846	2,643	26
VA	255,053	4,200	3,880	3

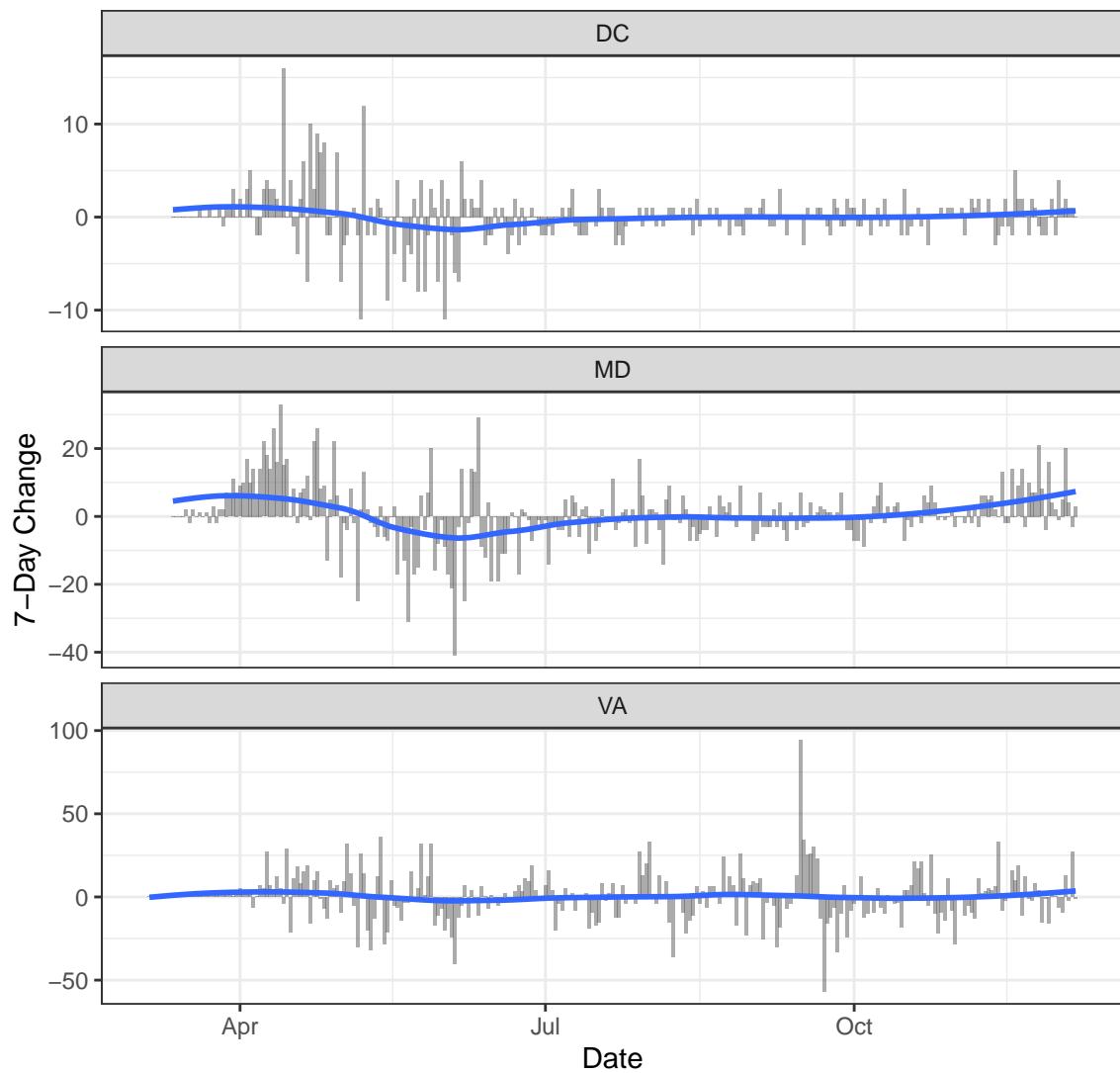
## Deaths

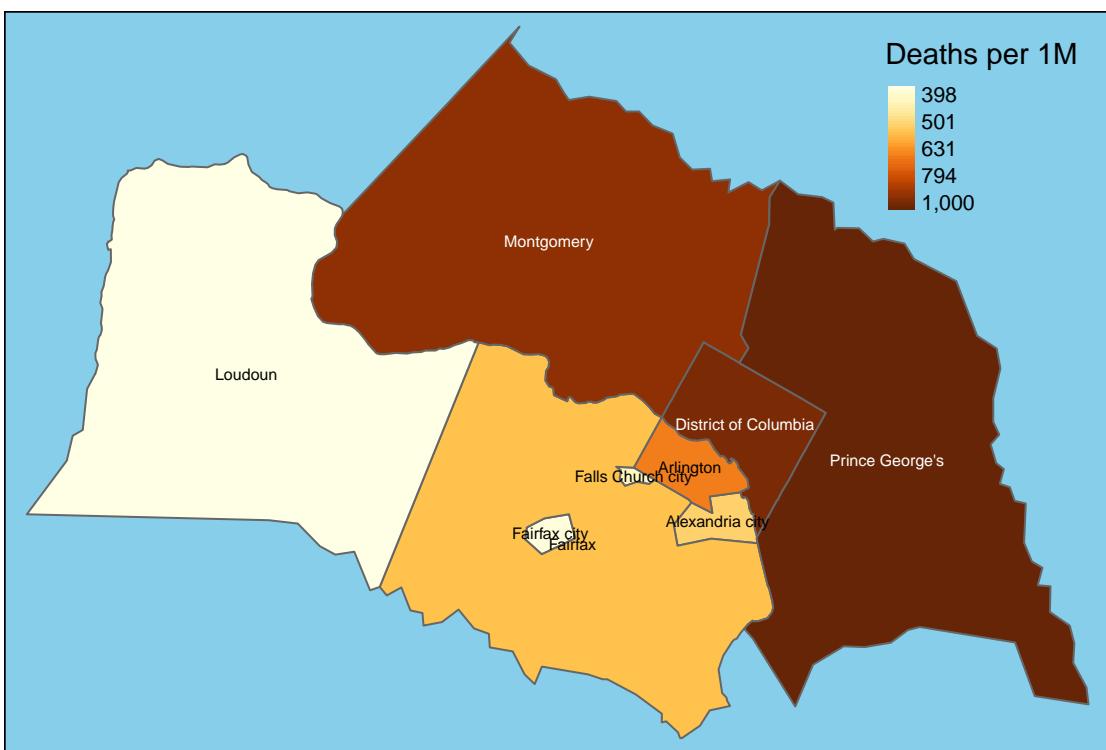
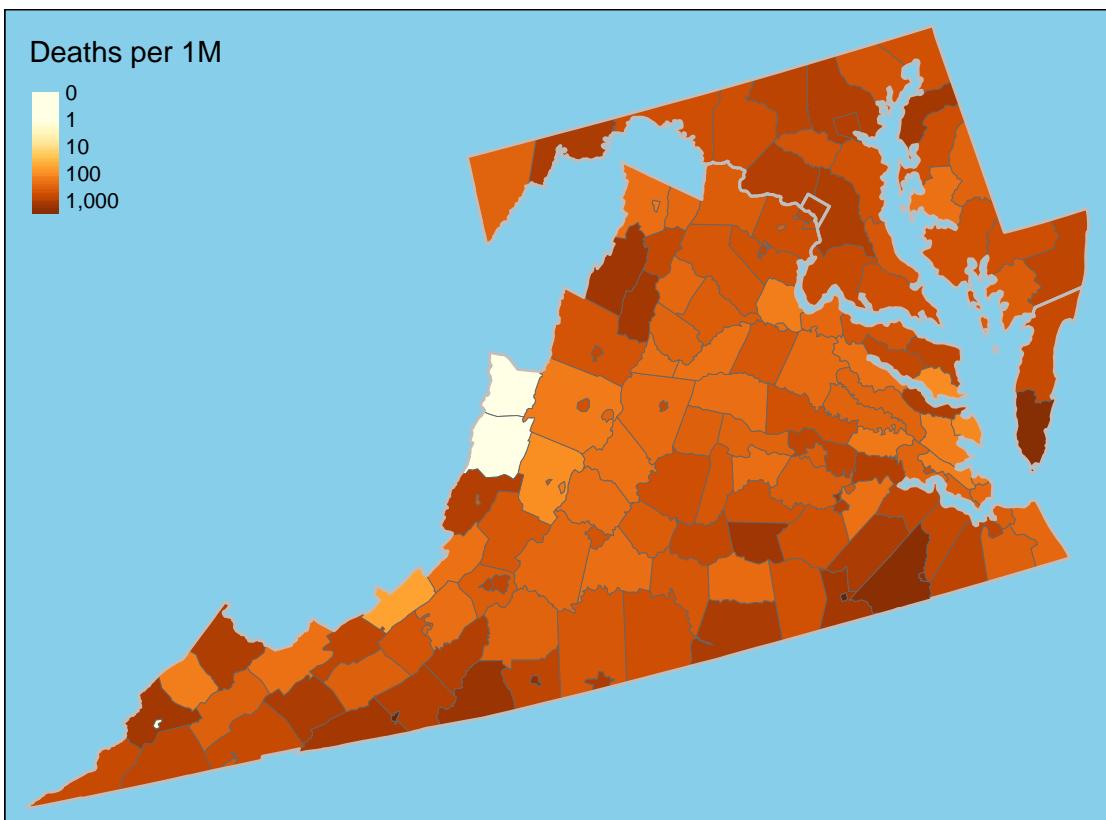


## New Deaths

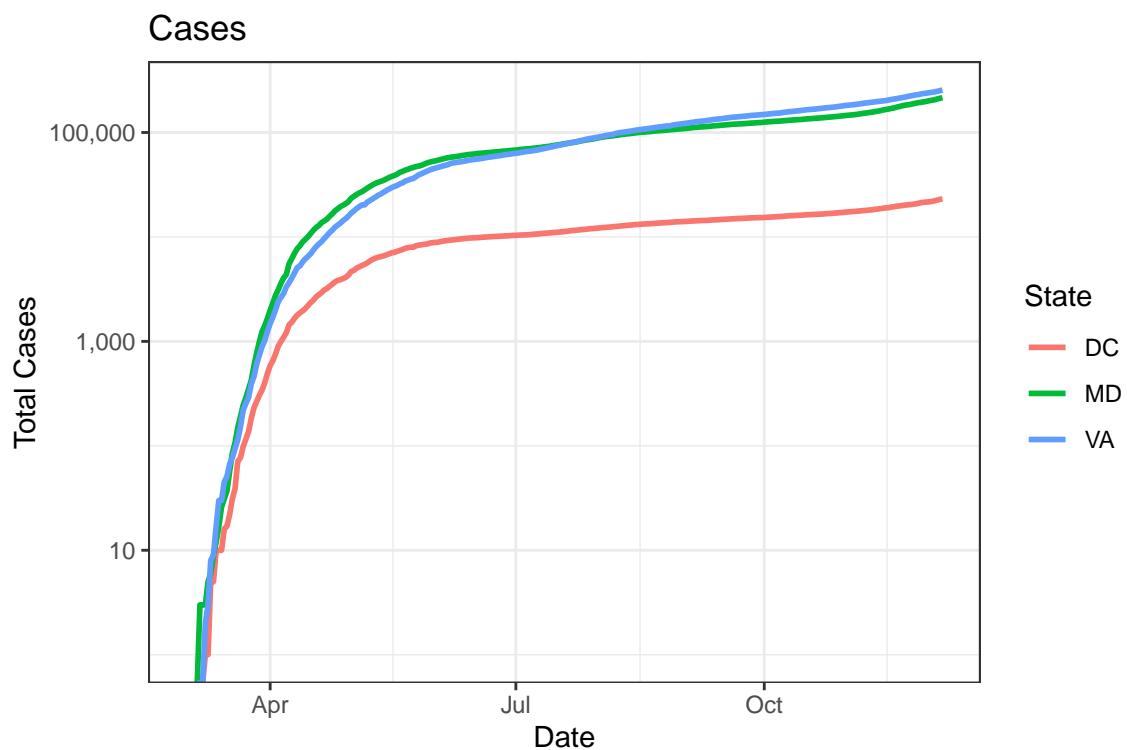


## One-Week Change in Daily Deaths

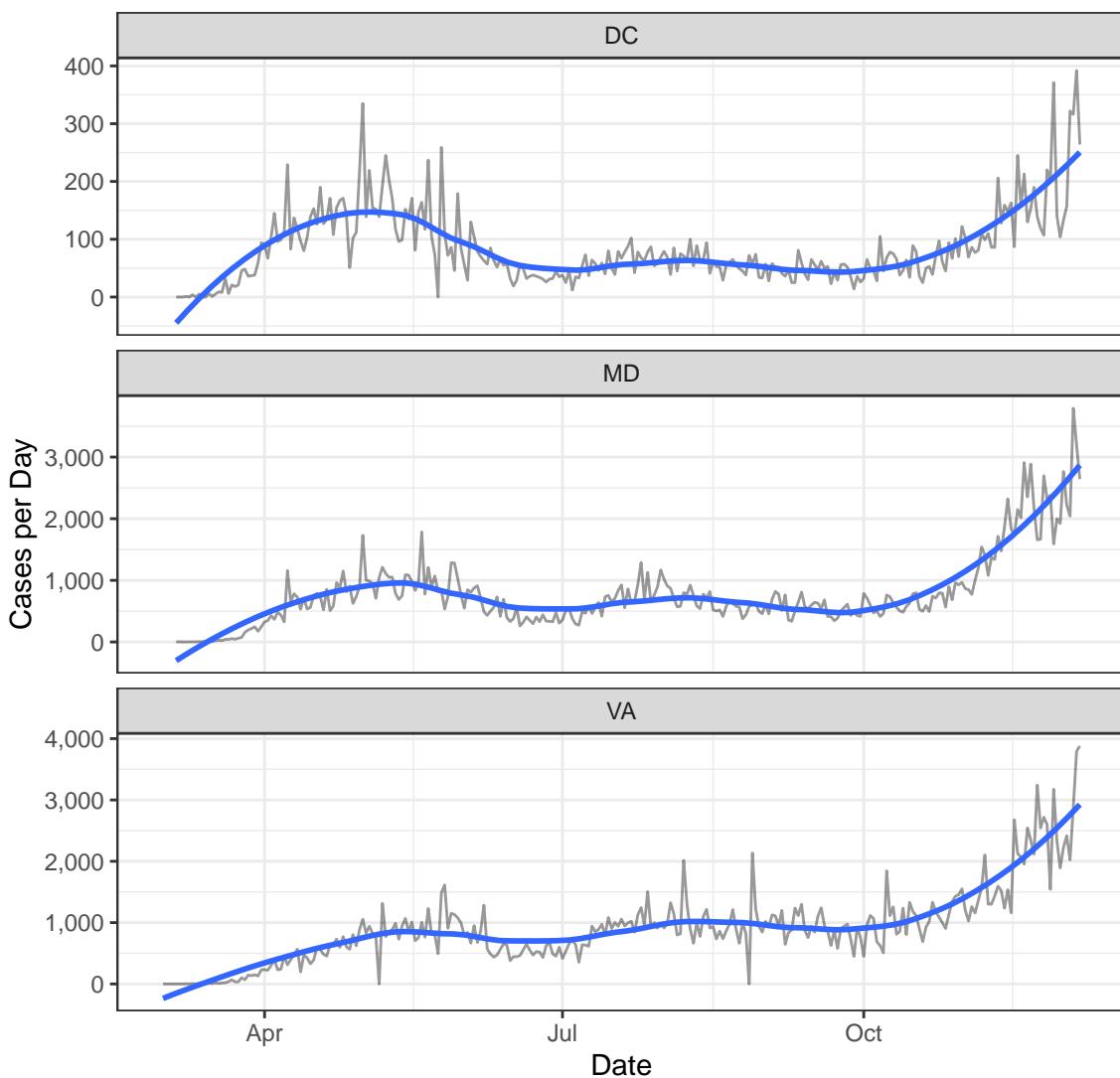




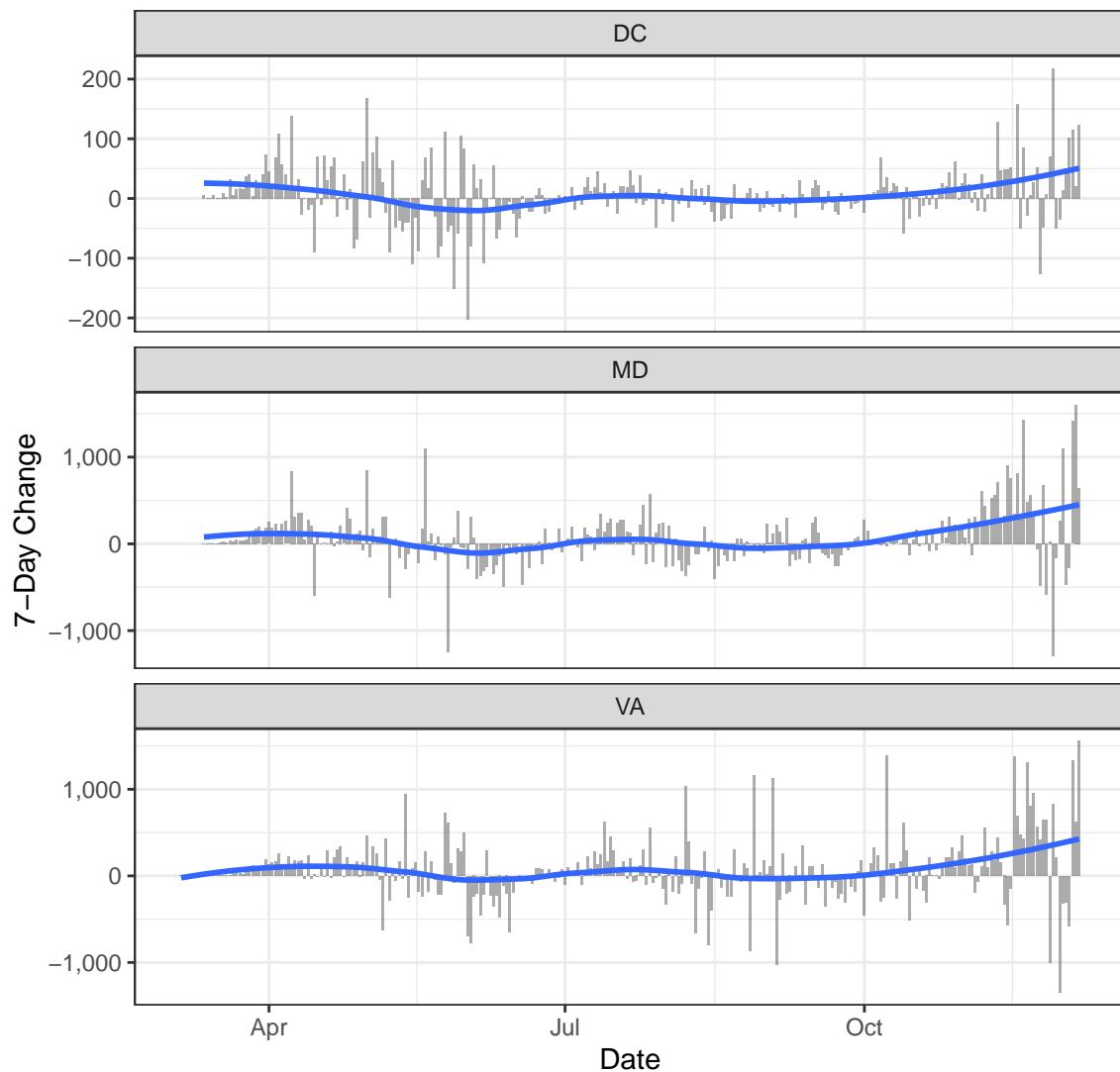
Cases

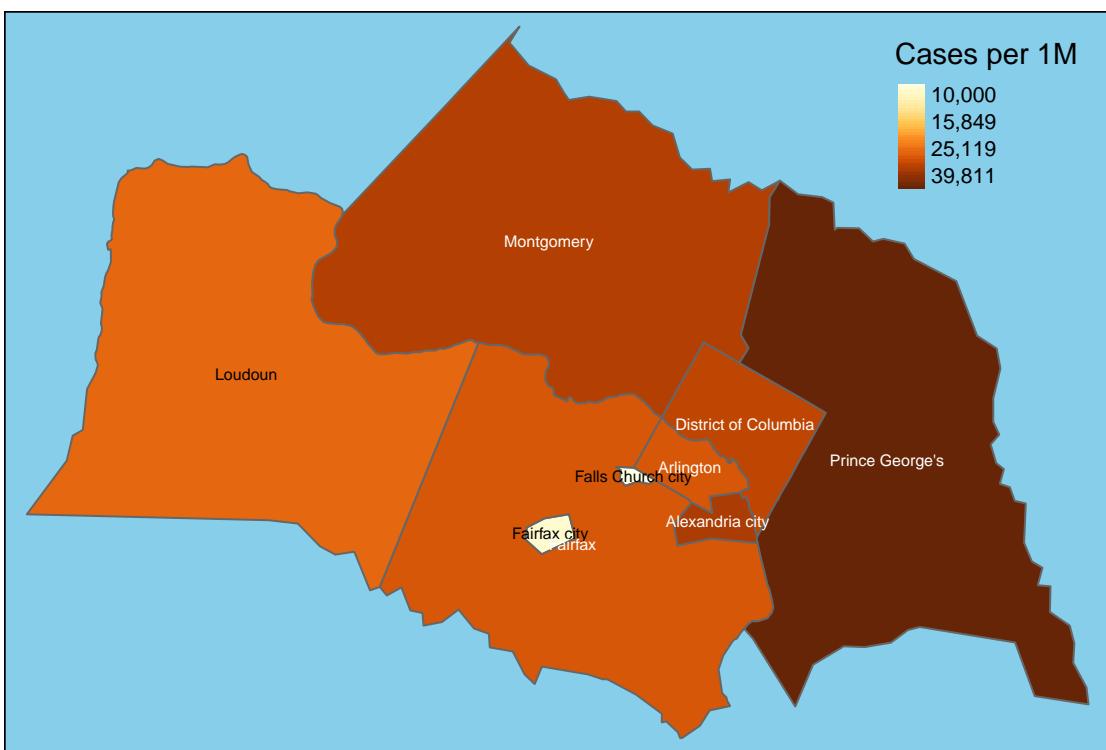
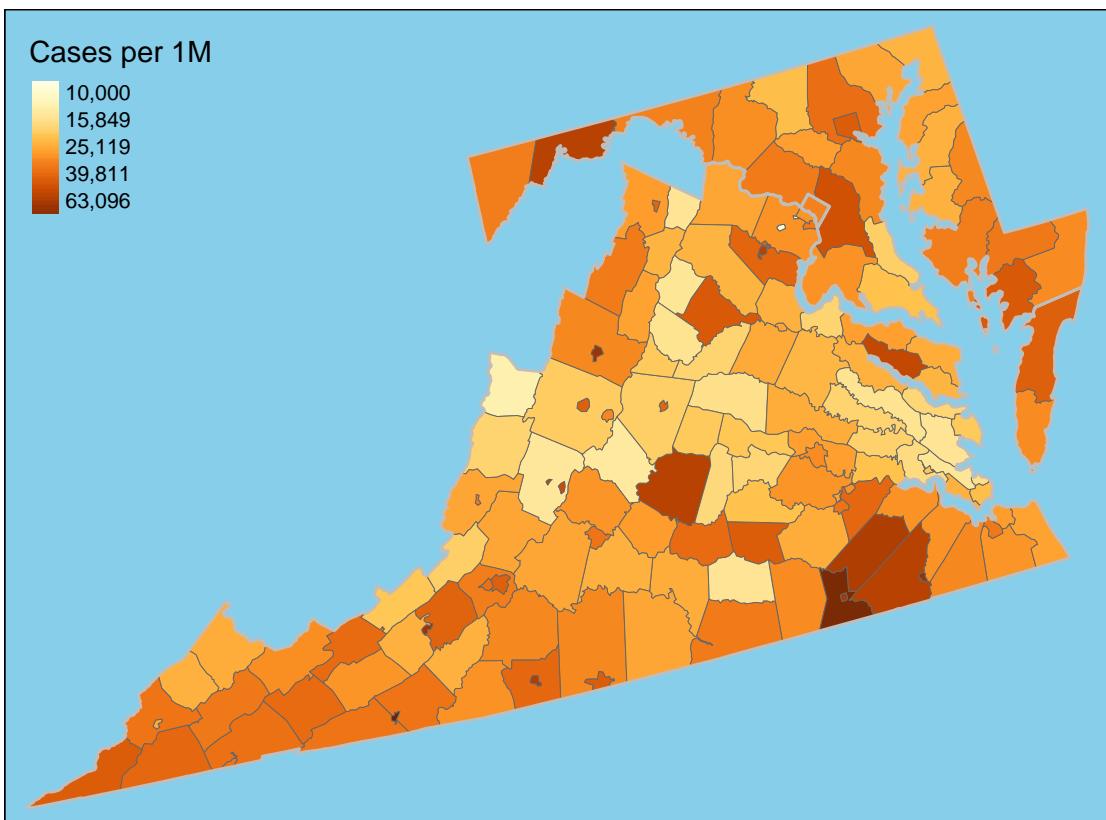


## New Cases

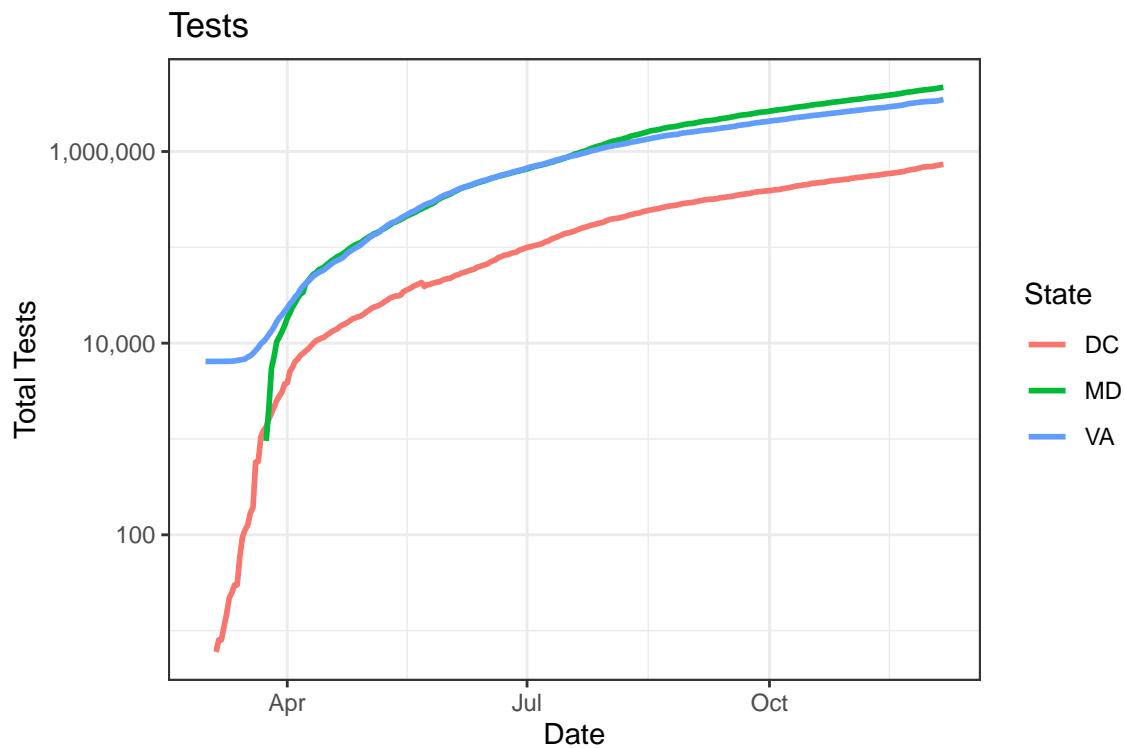


## One-Week Change in Daily Cases

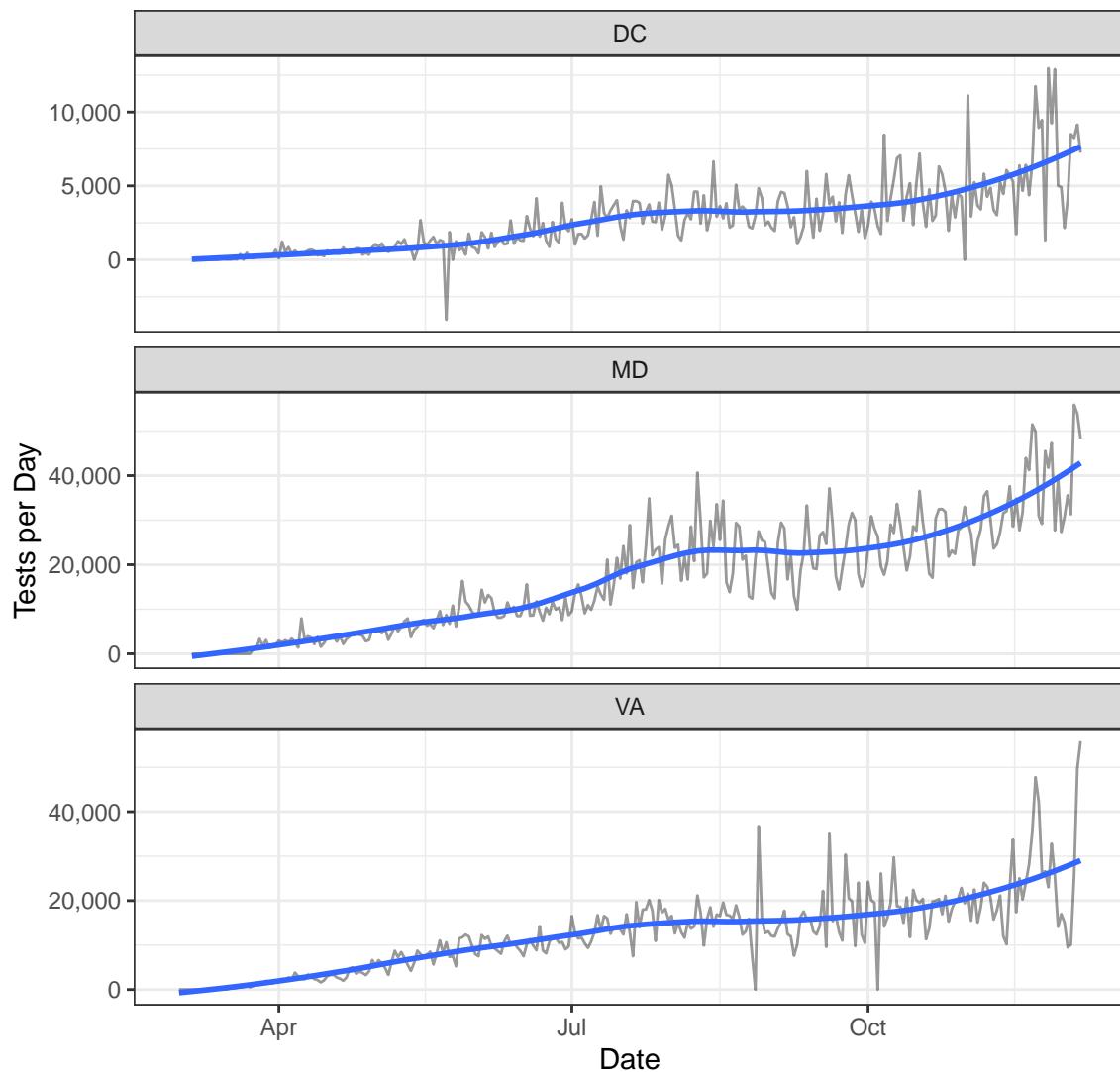




## Testing



## New Tests



## Positive Test Rate

