

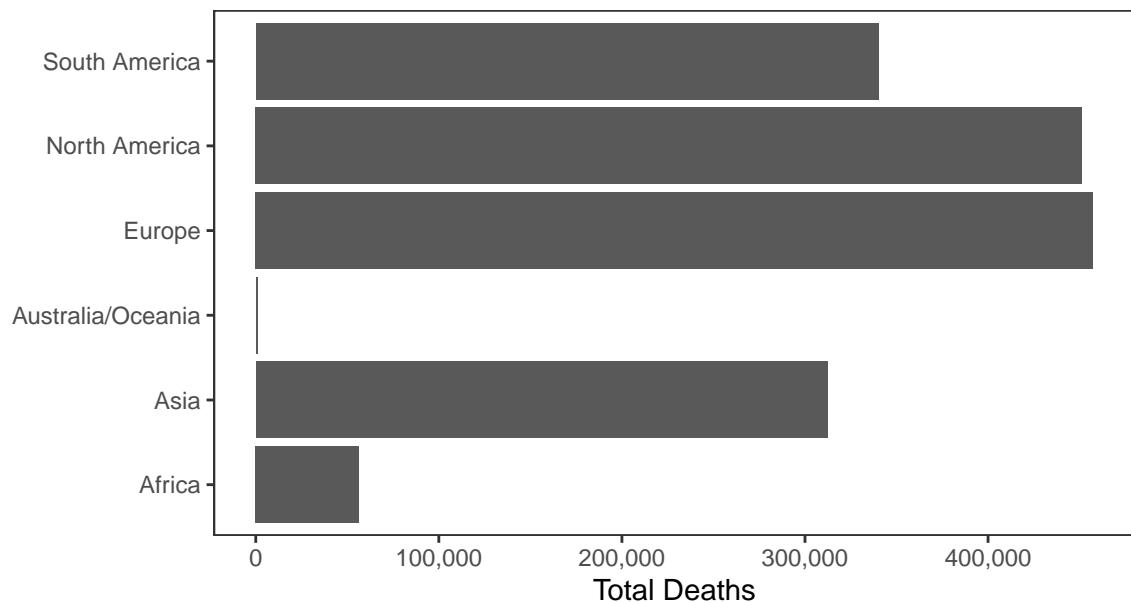
# Erik's Covid-19 Chart Pack

Data updated 2020-12-14 09:05:53. 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 72,631,777 confirmed Covid-19 cases and 1,618,592 deaths worldwide.

**Deaths**



**Cases**

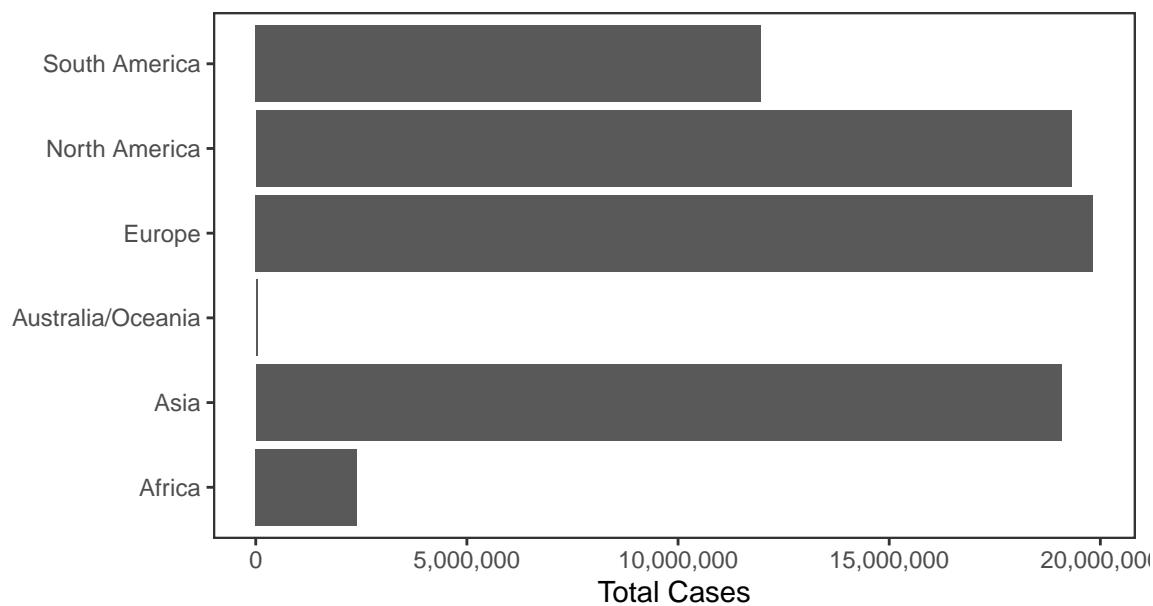
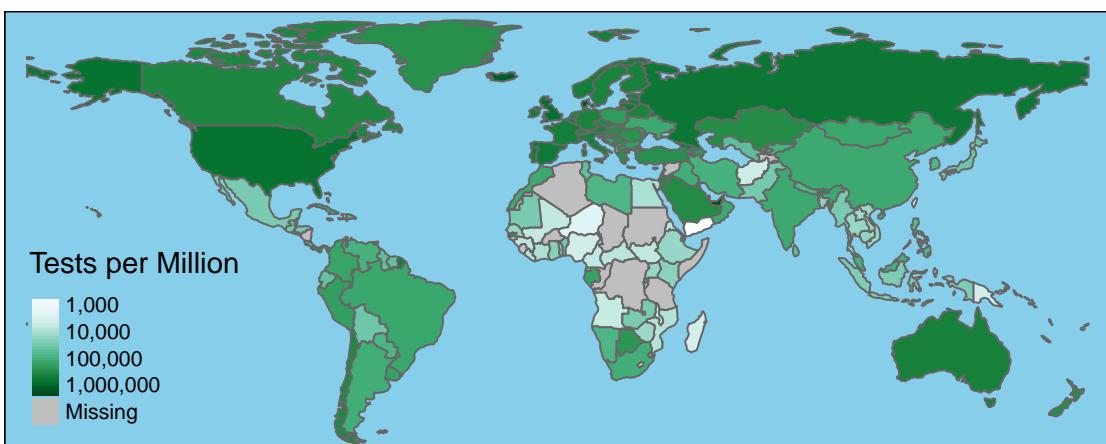
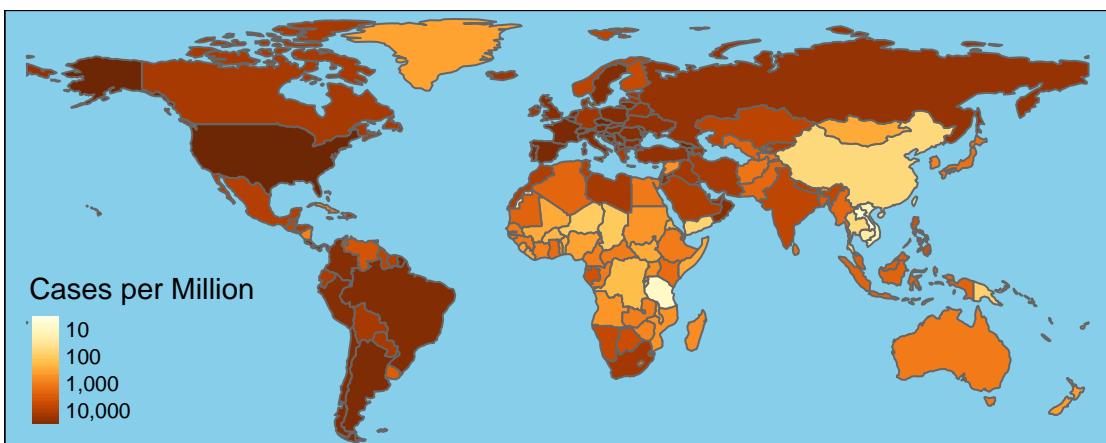
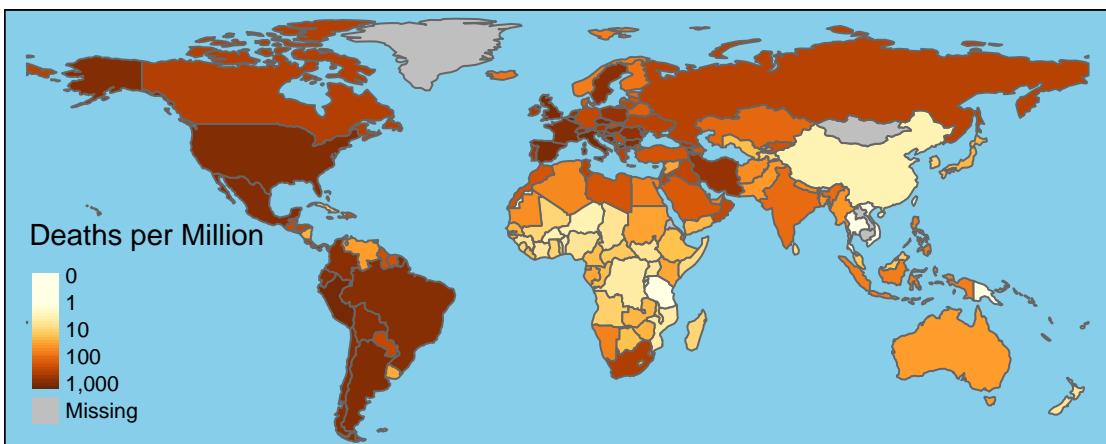


Table 1: Top Countries by Total Cases

Country	Cases	Deaths	New Cases	New Deaths
USA	16,737,267	306,459	187,901	1,379
India	9,884,716	143,393	27,336	338
Brazil	6,901,990	181,419	21,395	276
Russia	2,653,928	46,941	28,080	488
France	2,376,852	57,911	11,533	150
UK	1,849,403	64,170	18,447	144
Italy	1,843,712	64,520	17,938	484
Turkey	1,836,728	16,417	26,919	218
Spain	1,741,439	47,624	0	0
Argentina	1,498,160	40,766	3,558	98
Colombia	1,425,774	39,053	8,702	187
Germany	1,338,483	22,406	17,891	235
Mexico	1,241,436	113,704	12,057	685
Poland	1,135,676	22,864	8,977	188
Iran	1,108,269	52,196	7,451	247
Peru	984,973	36,677	1,928	68
Ukraine	894,215	15,154	9,176	156
South Africa	860,964	23,276	7,999	170
Indonesia	617,820	18,819	6,189	166
Netherlands	613,487	10,048	9,884	29



## National Data

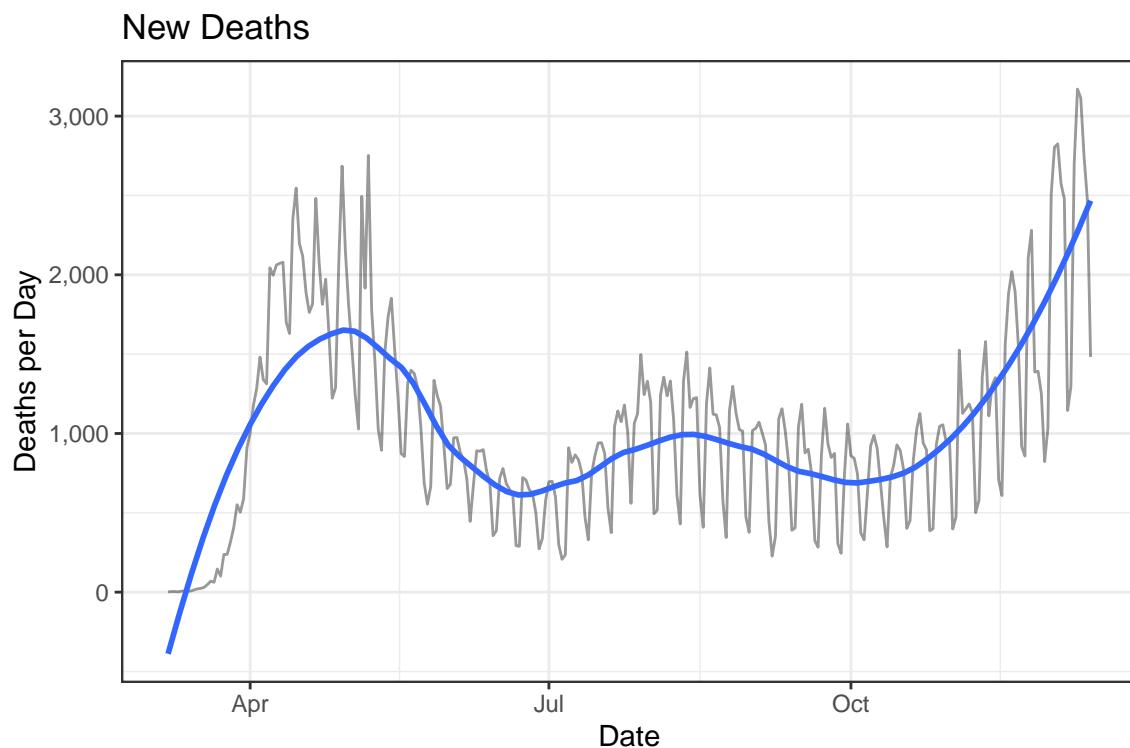
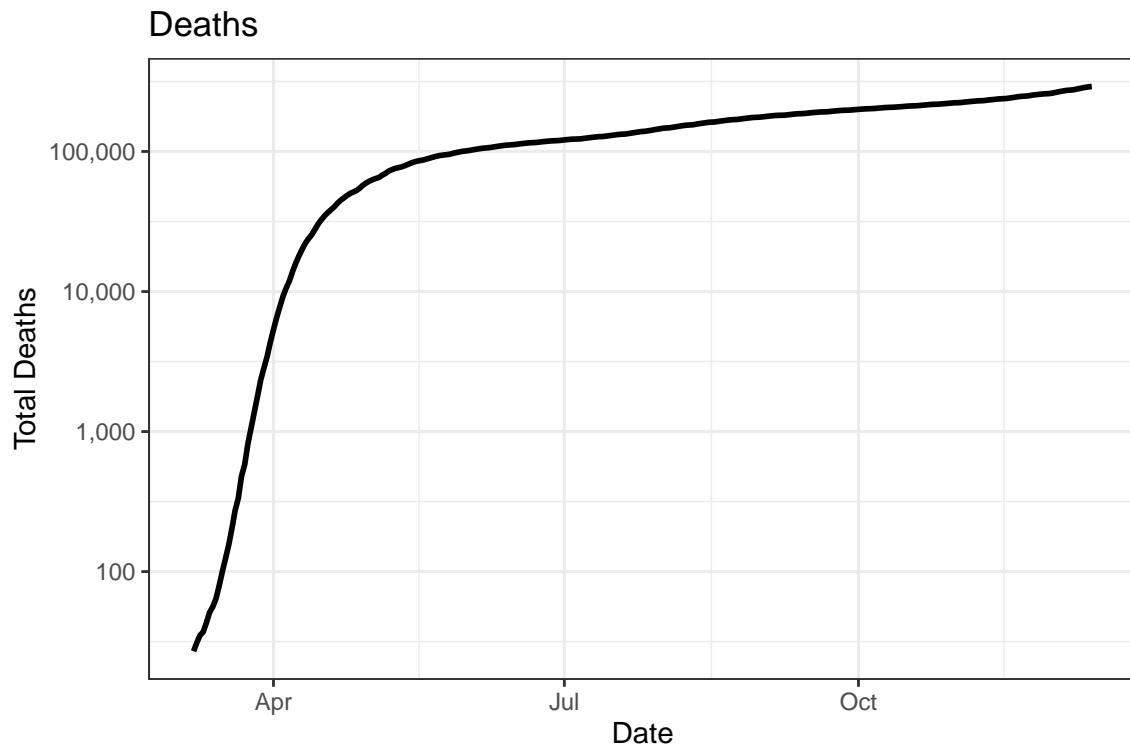
There have been 16,143,319 confirmed Covid-19 cases and 291,017 deaths in the United States.

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

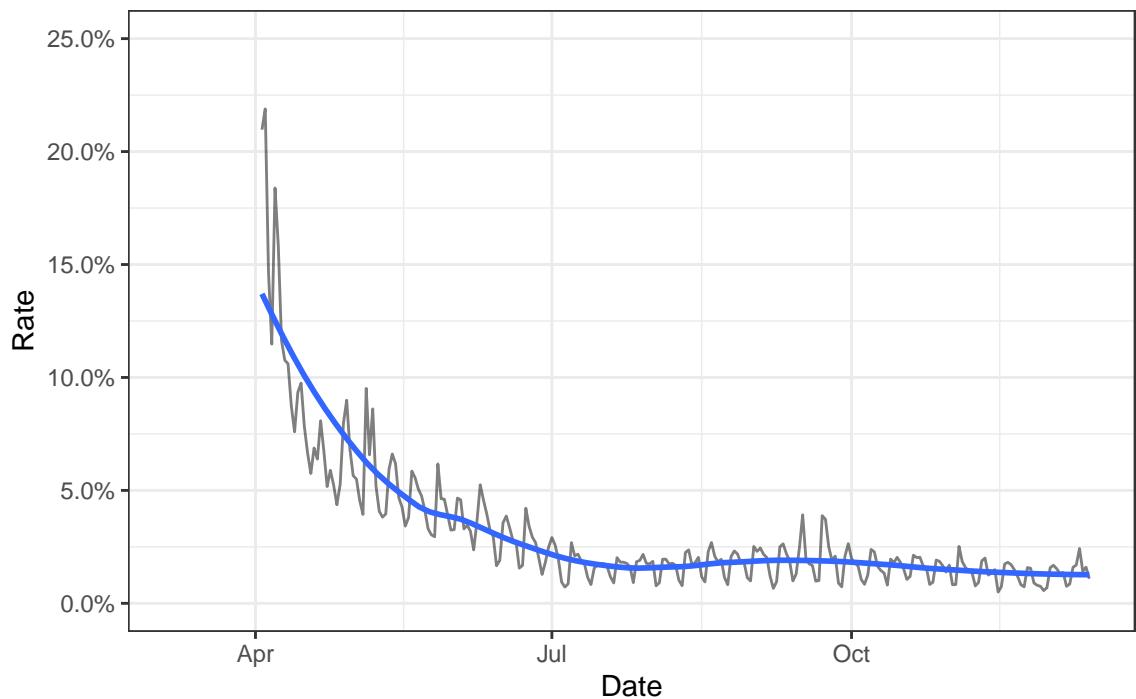
Date	Cases	Deaths	New Cases	New Deaths
2020-12-13	16,143,319	291,017	186,884	1,482
2020-12-12	15,956,435	289,535	223,365	2,477
2020-12-11	15,733,070	287,058	234,810	2,749
2020-12-10	15,498,260	284,309	218,510	3,115
2020-12-09	15,279,750	281,194	213,456	3,170
2020-12-08	15,066,294	278,024	220,887	2,697
2020-12-07	14,845,407	275,327	180,819	1,297
2020-12-06	14,664,588	274,030	179,619	1,145
2020-12-05	14,484,969	272,885	215,393	2,480
2020-12-04	14,269,576	270,405	227,975	2,573
2020-12-03	14,041,601	267,832	213,364	2,825
2020-12-02	13,828,237	265,007	198,665	2,804
2020-12-01	13,629,572	262,203	179,217	2,506
2020-11-30	13,450,355	259,697	148,475	1,035

## Deaths

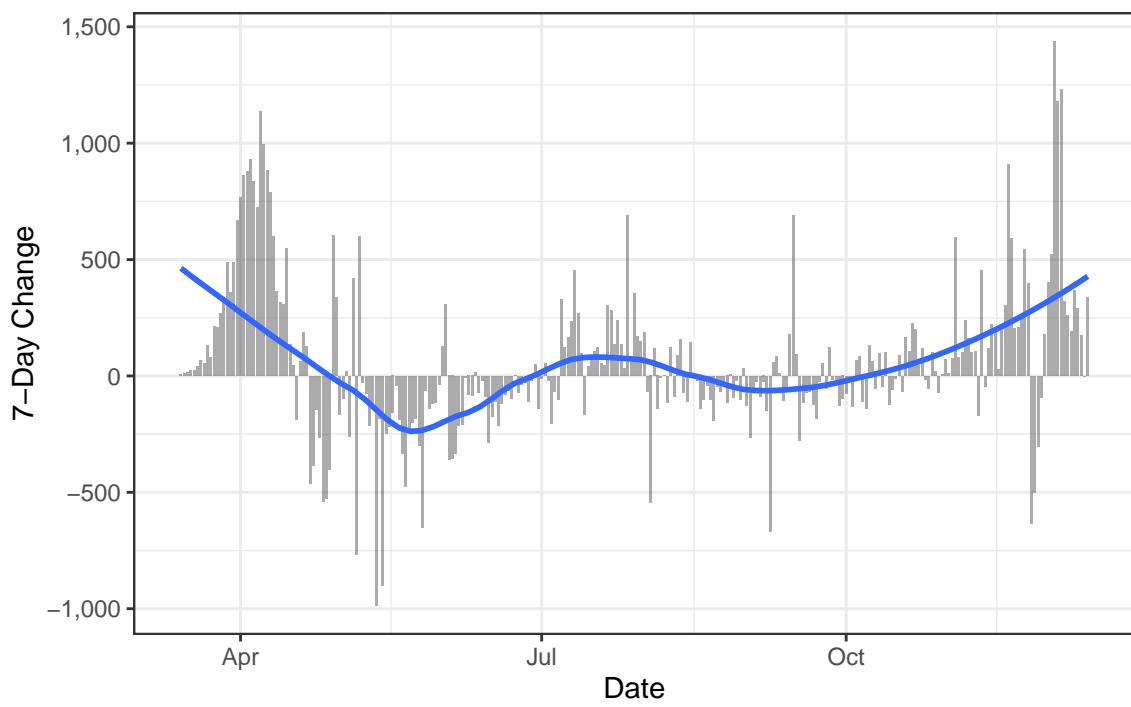
Because the effects of the virus can take several weeks to manifest in patients, deaths are a lagging indicator of contagion, but they may be a more reliable than case counts, which are a function of both the prevalence of the disease and the rate of testing. The case mortality rate is a very crude indicator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

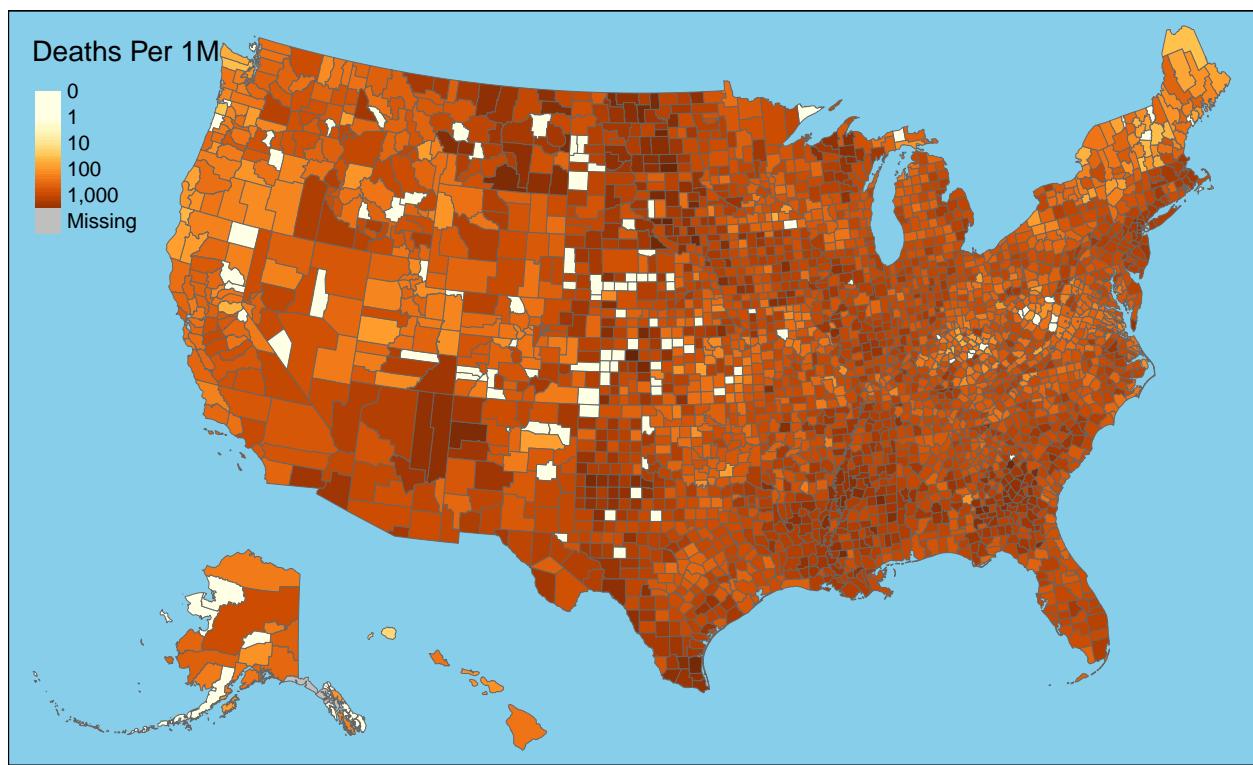


Daily Case Mortality Rate



One-Week Change in Daily Deaths

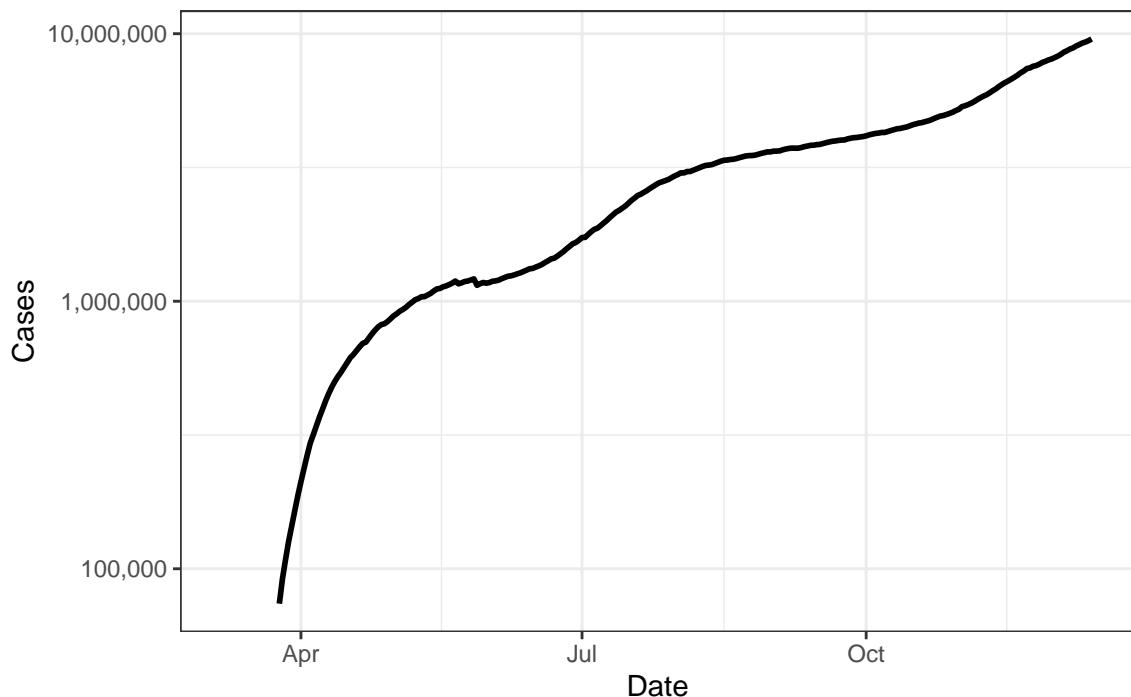




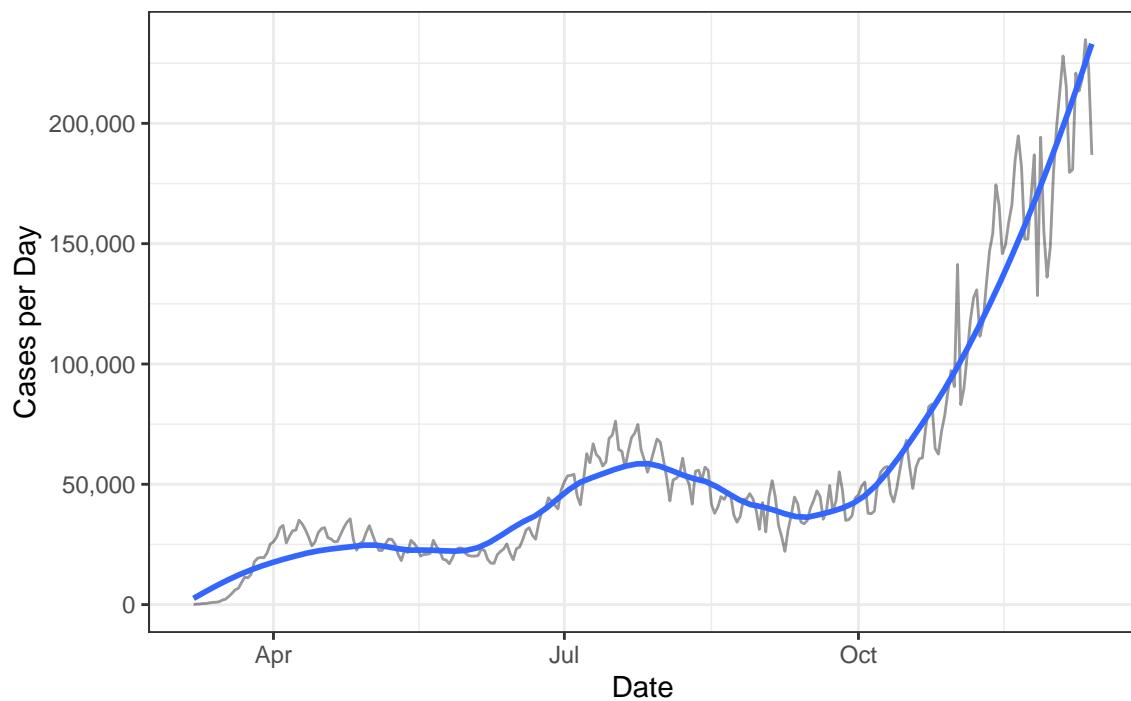
## Cases

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

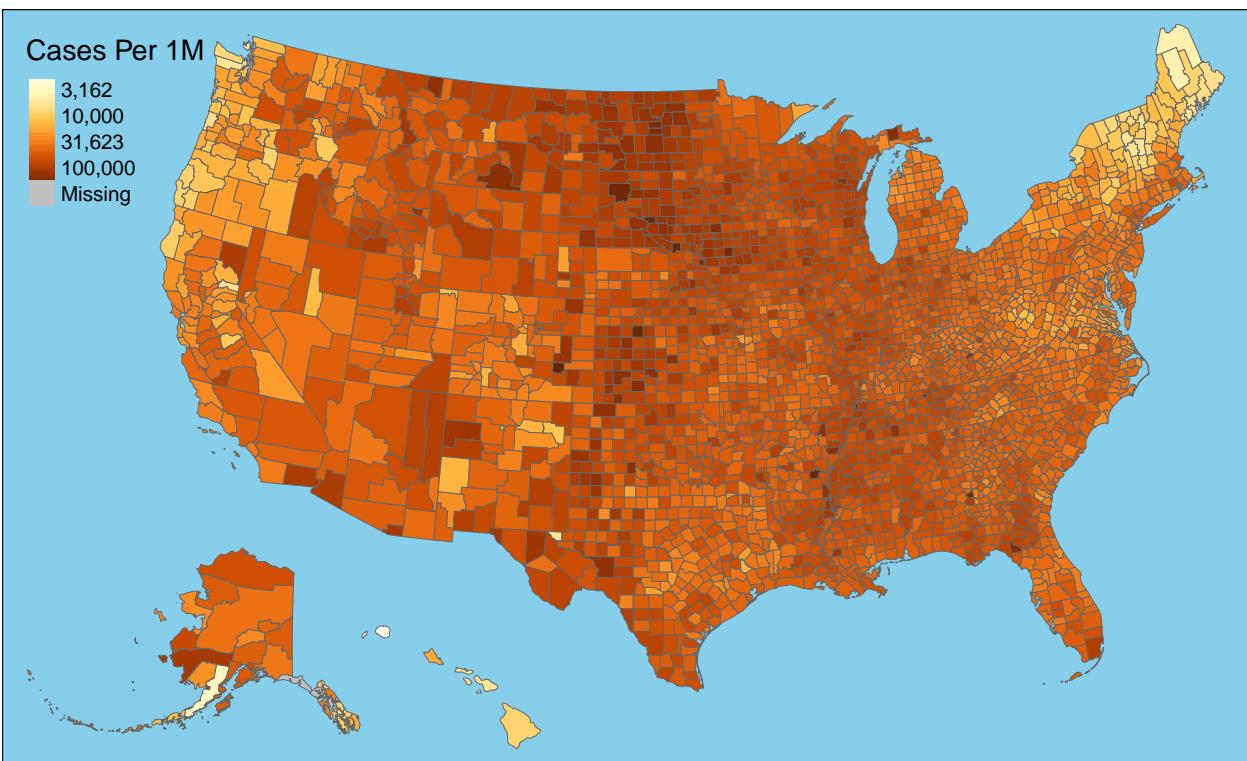
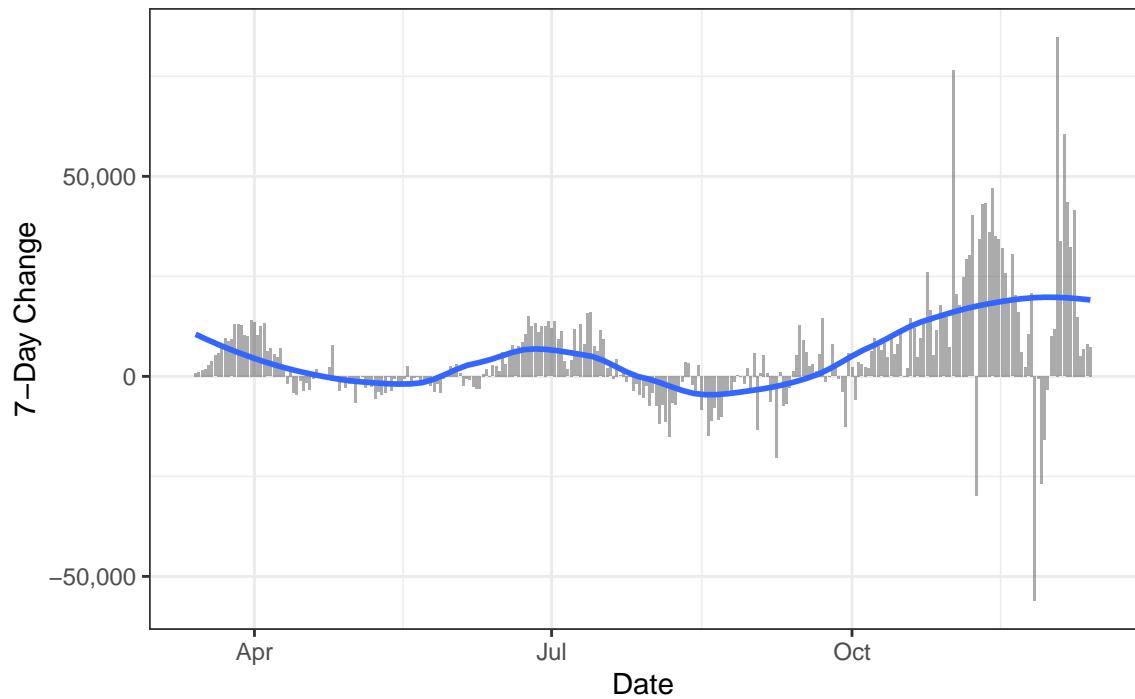
### Active Cases



### New Cases

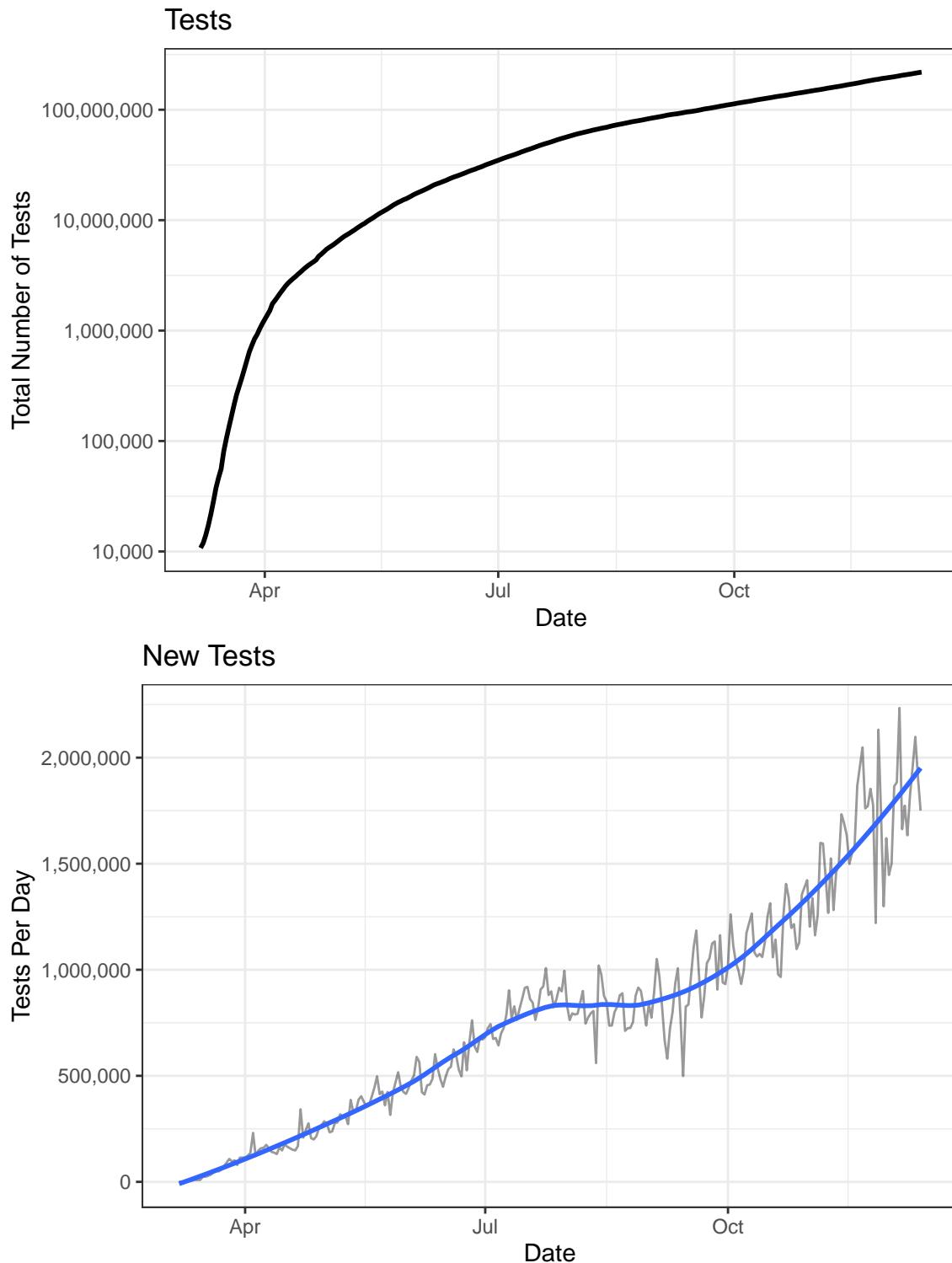


## One-Week Change in Daily Cases

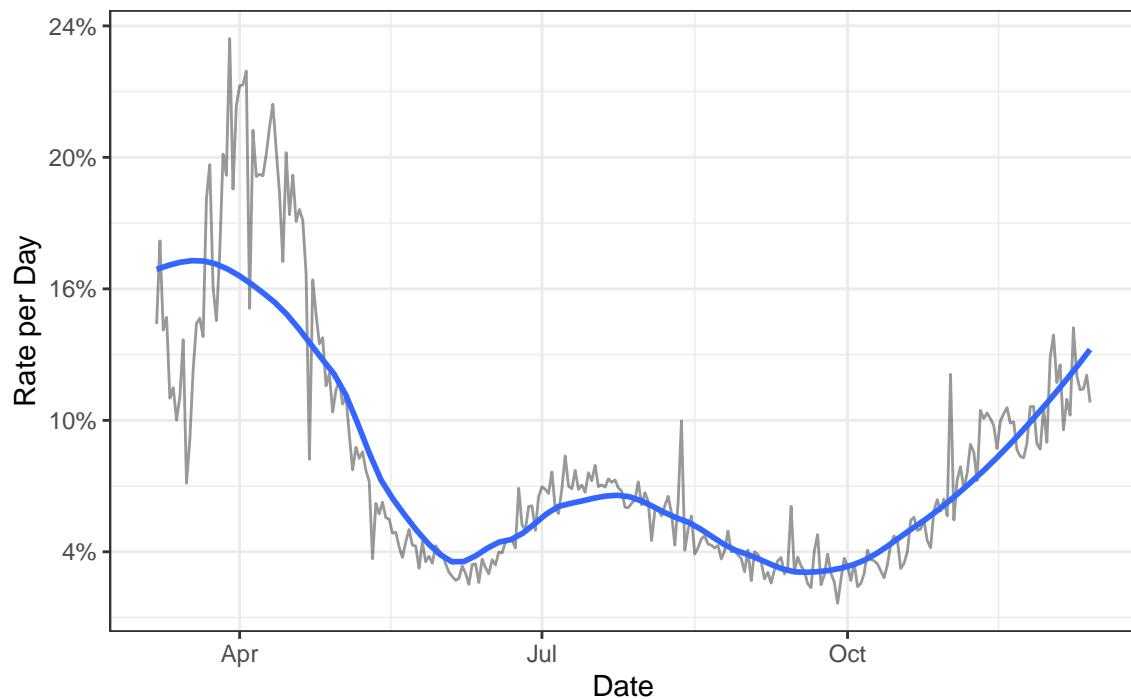


## Testing

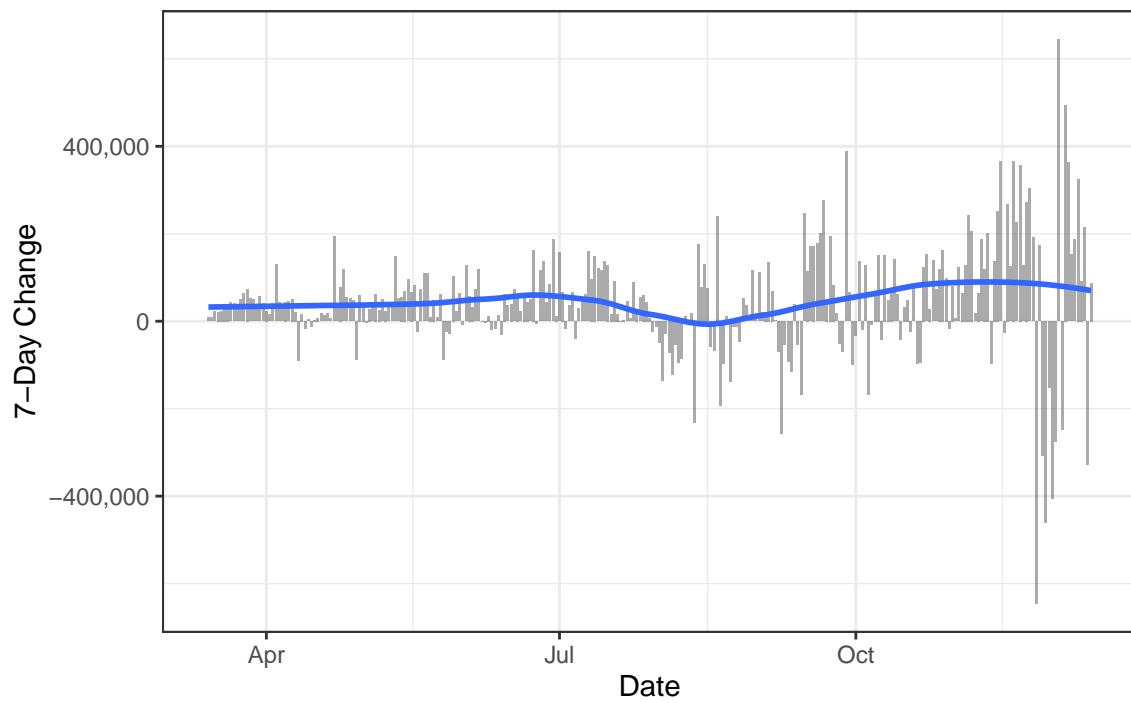
Widespread testing is necessary for managing the spread of the disease. The following charts show how testing in the United States has changed over time. When the supply of available tests is limited, they are typically only used for patients whose symptoms suggest they are likely to have contracted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



Positive Test Rate



One-Week Change in Daily Tests

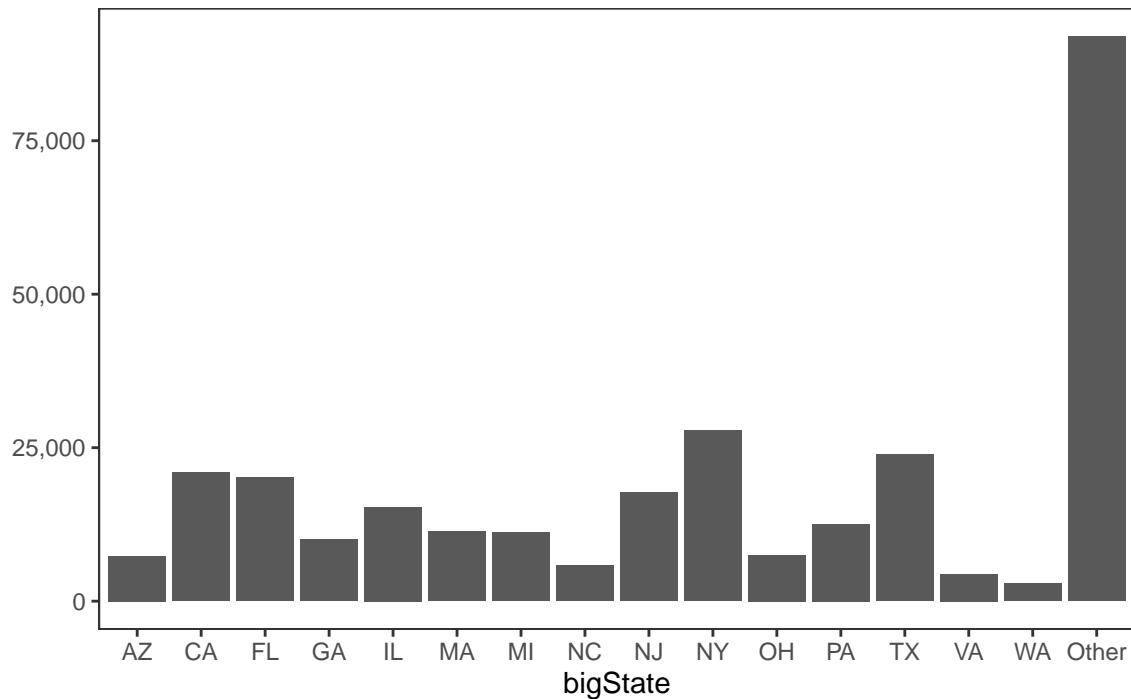


## State Data

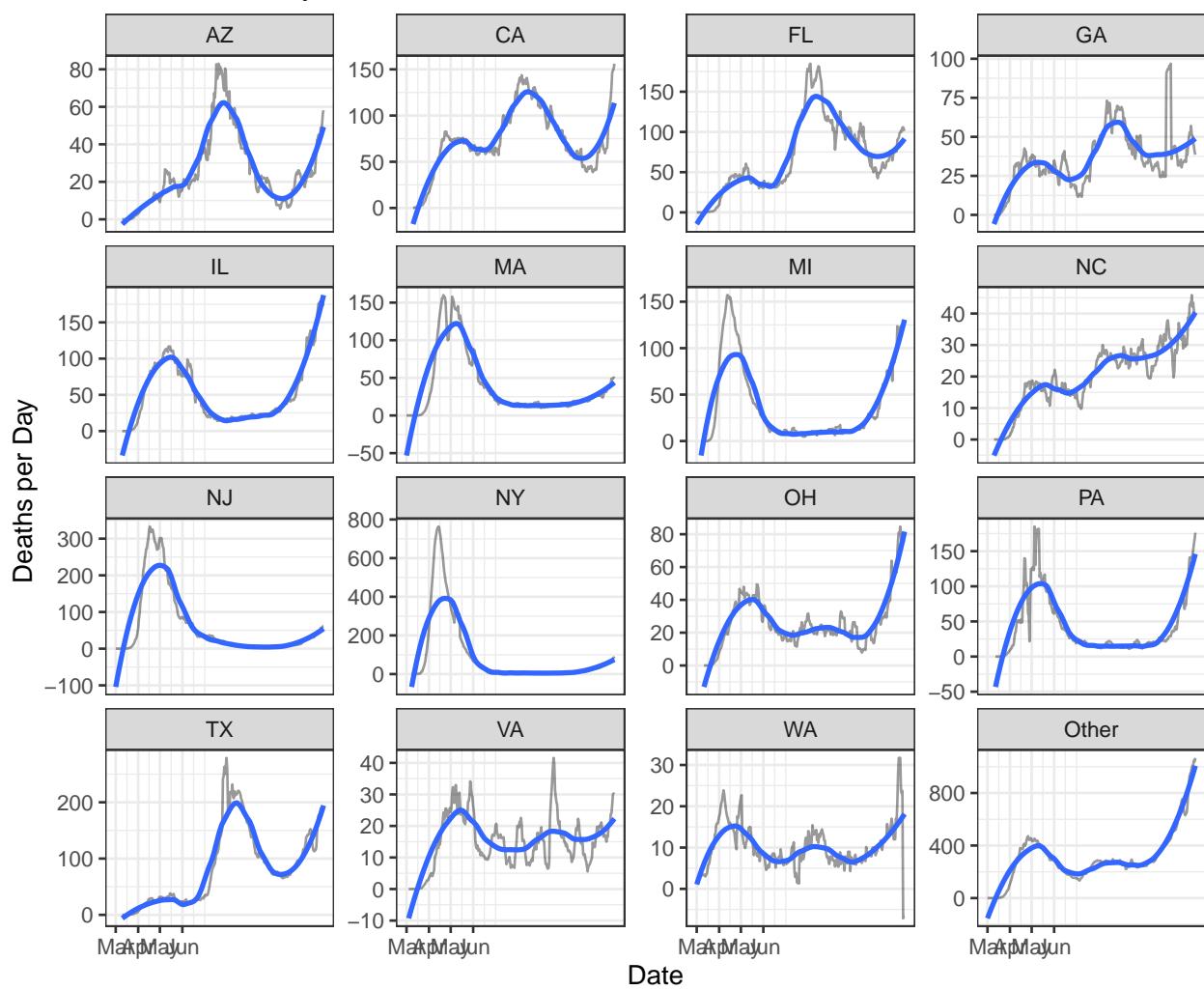
This section summarizes state-level data. Most data are reported for the largest 15 states by population, which account for NaN percent of the total U.S. population.

### Deaths

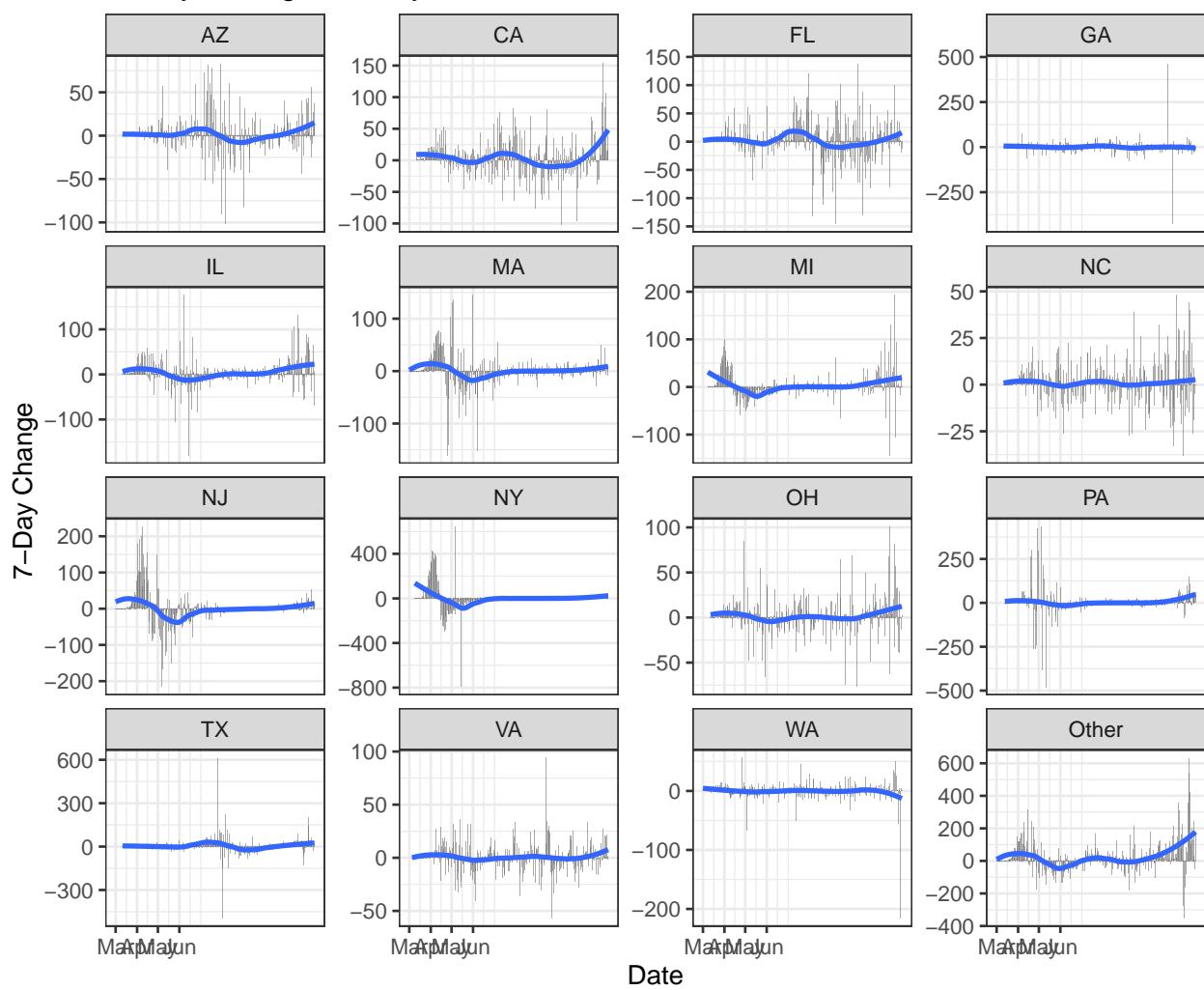
Deaths by State

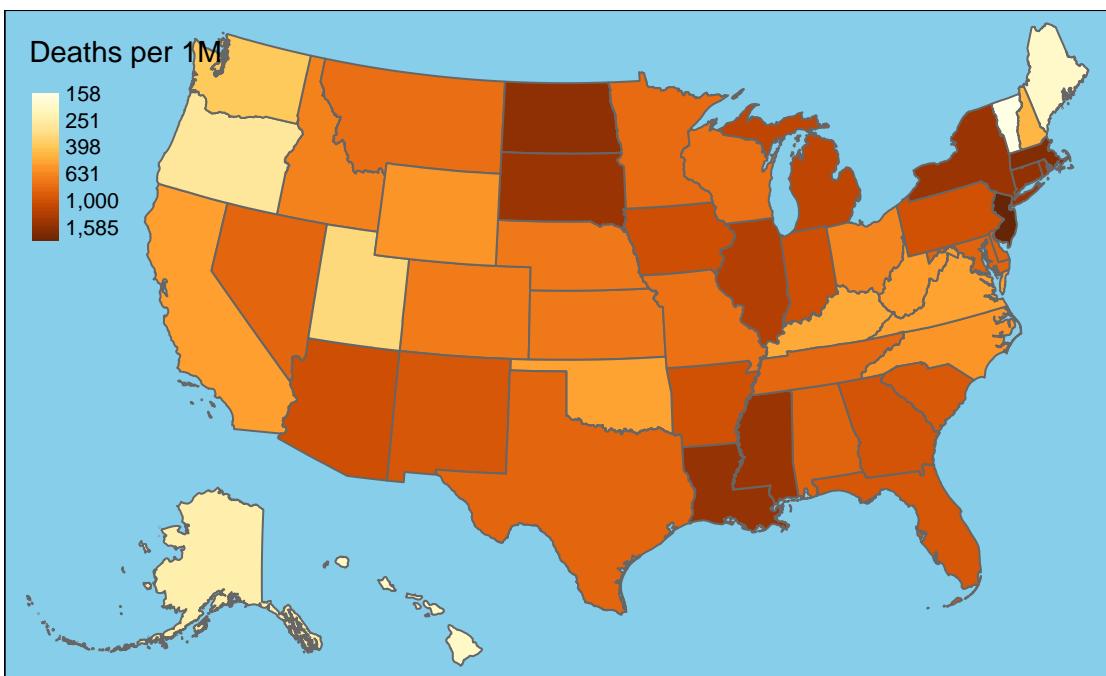
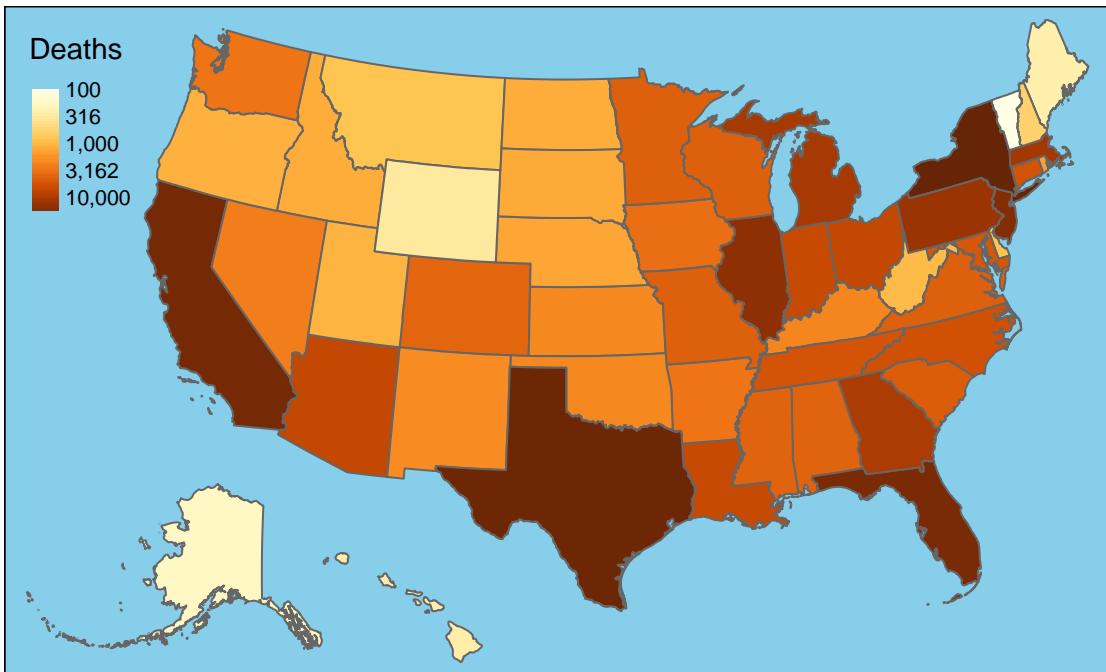


## New Deaths by State



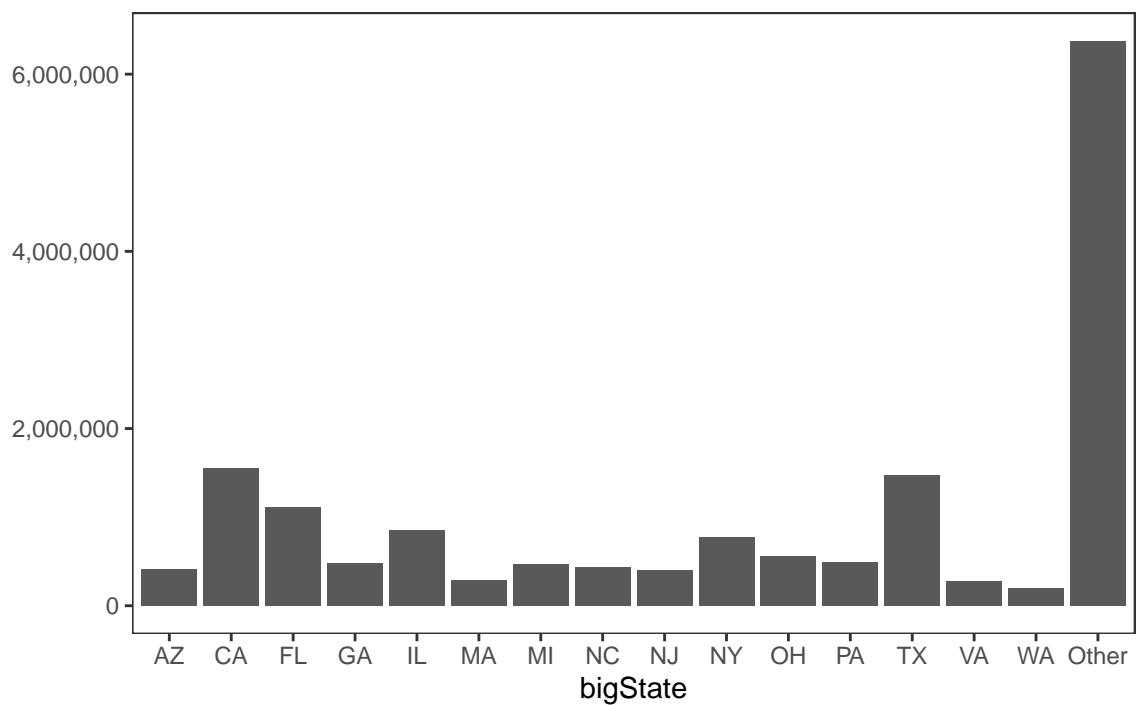
### 7-Day Change in Daily Deaths



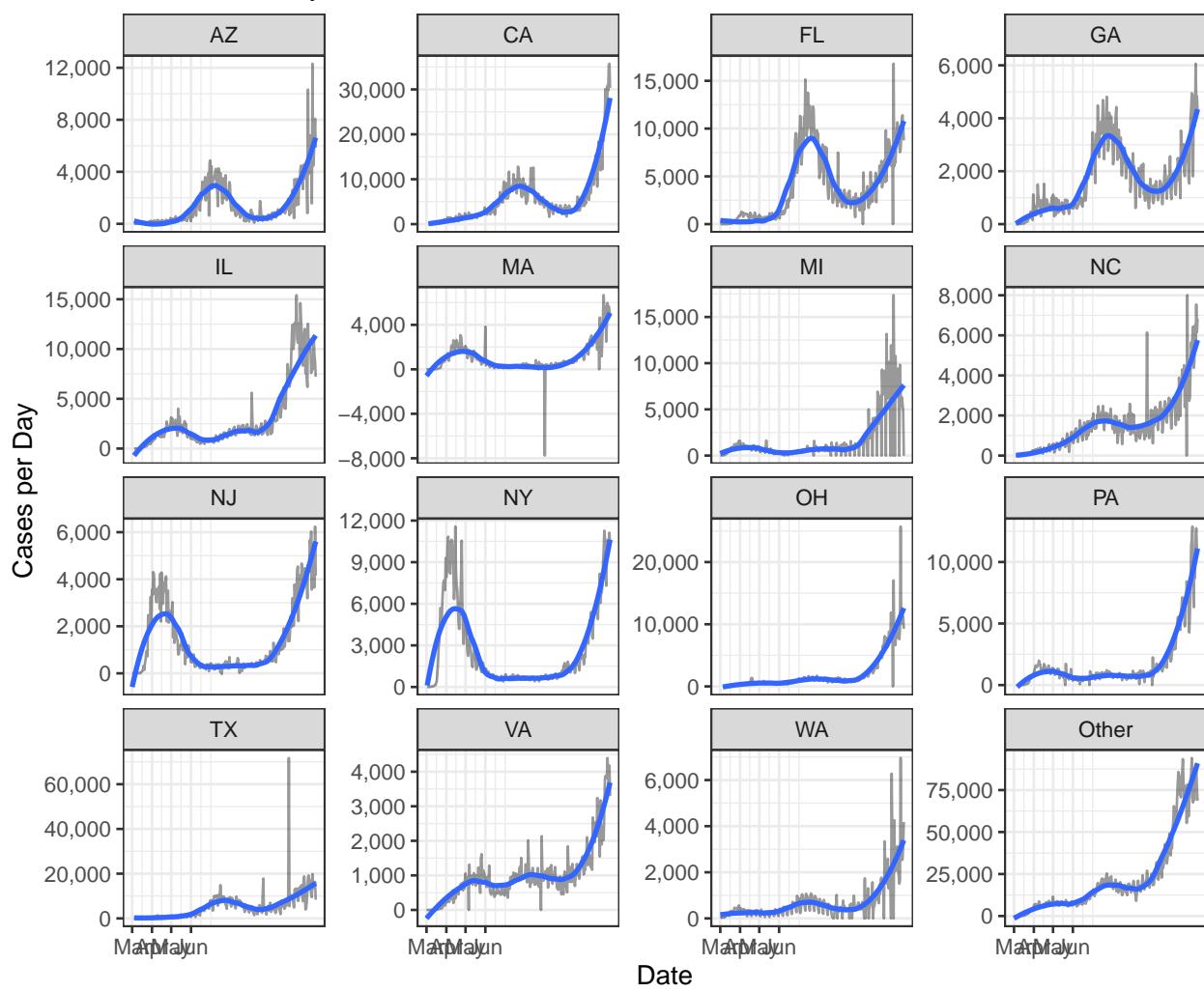


Cases

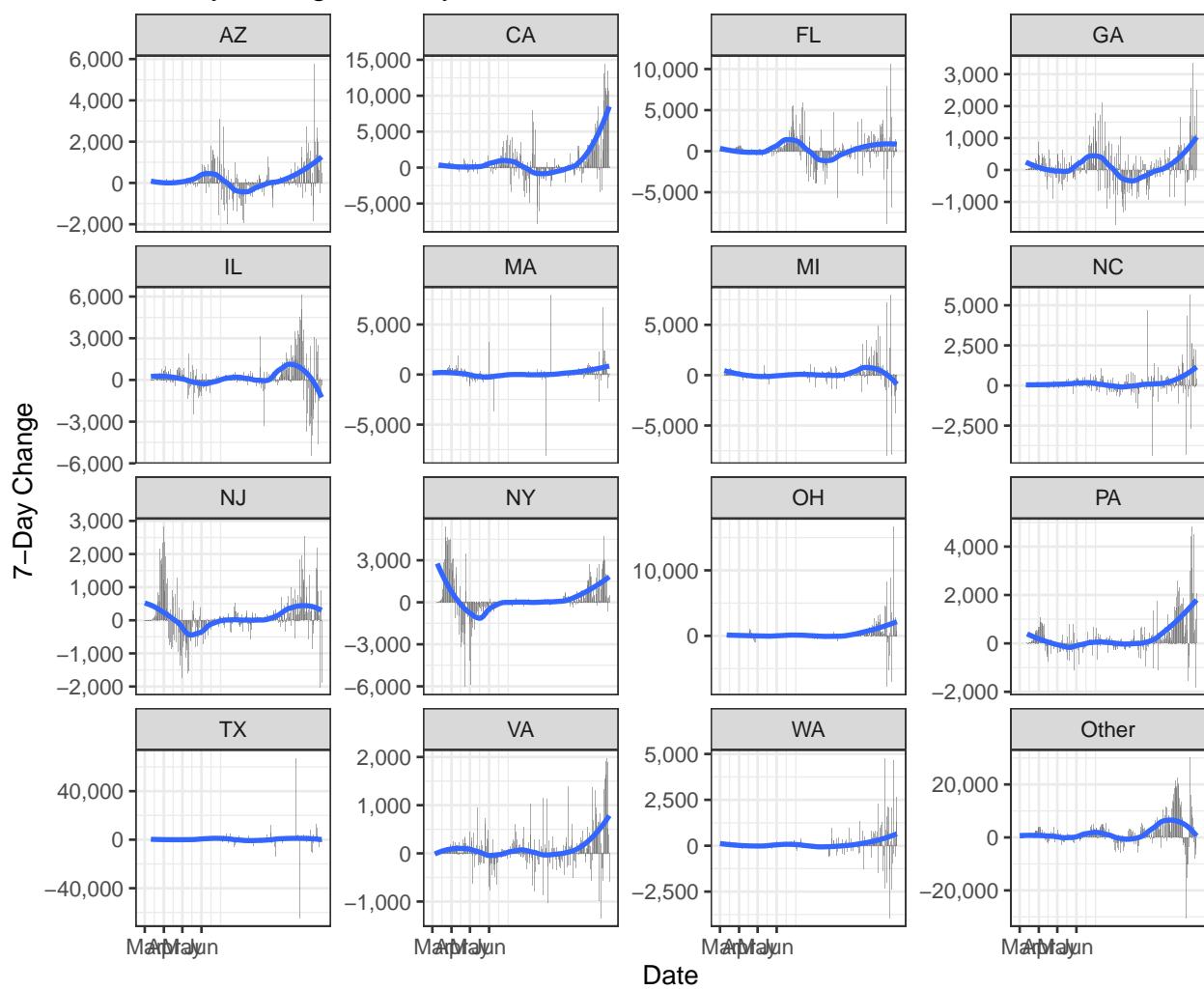
Cases by State

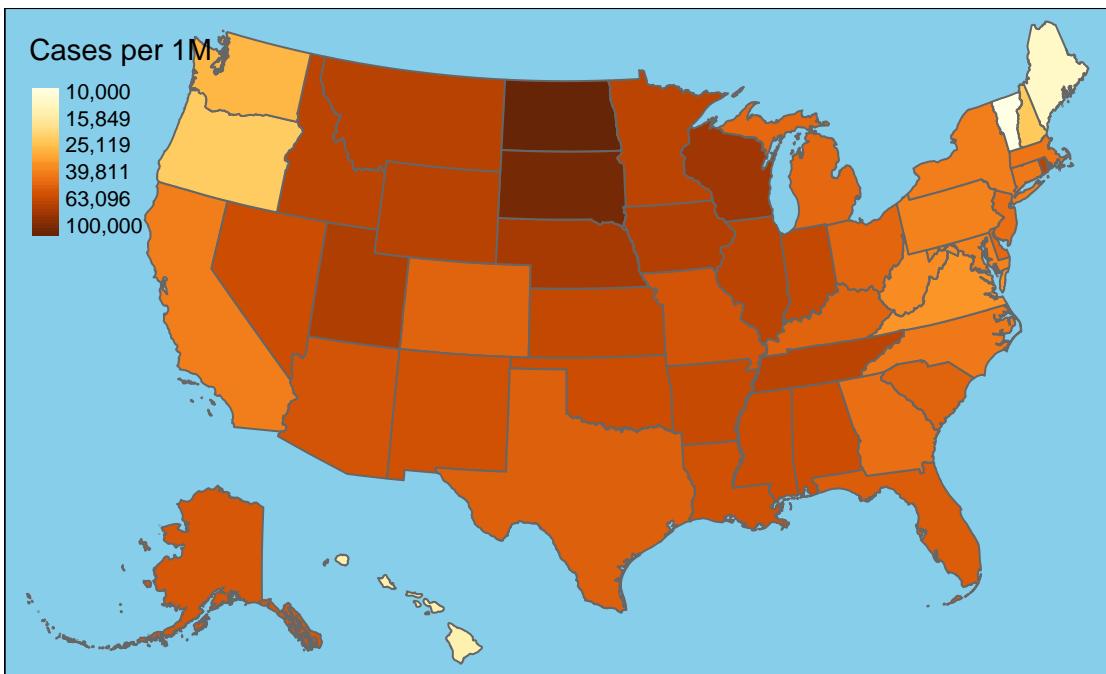
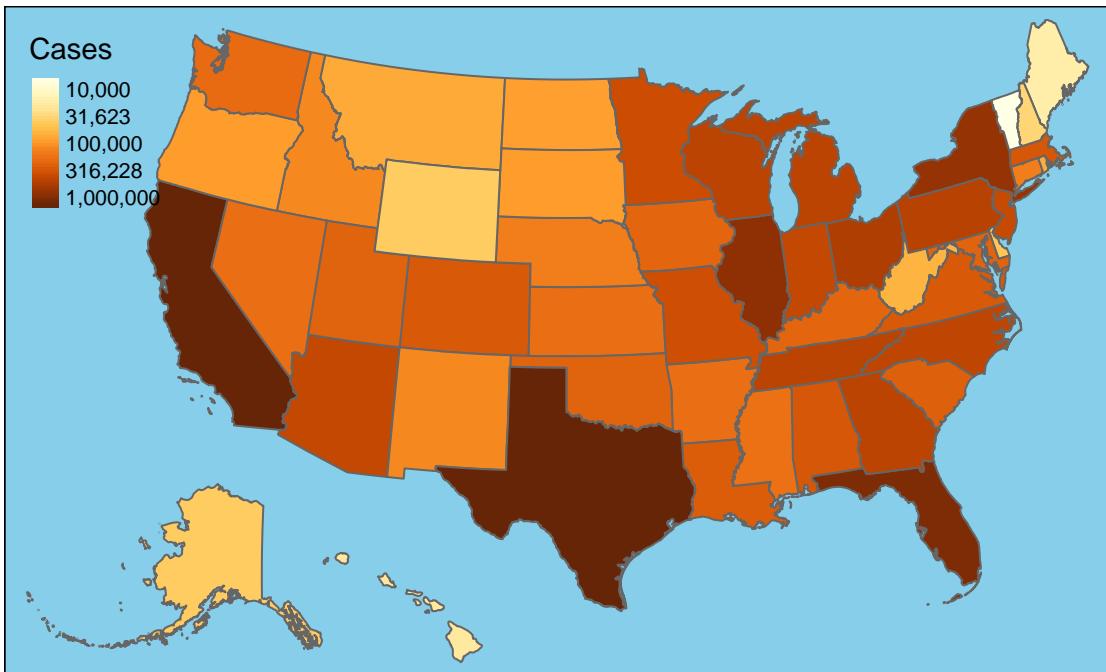


## New Cases by State

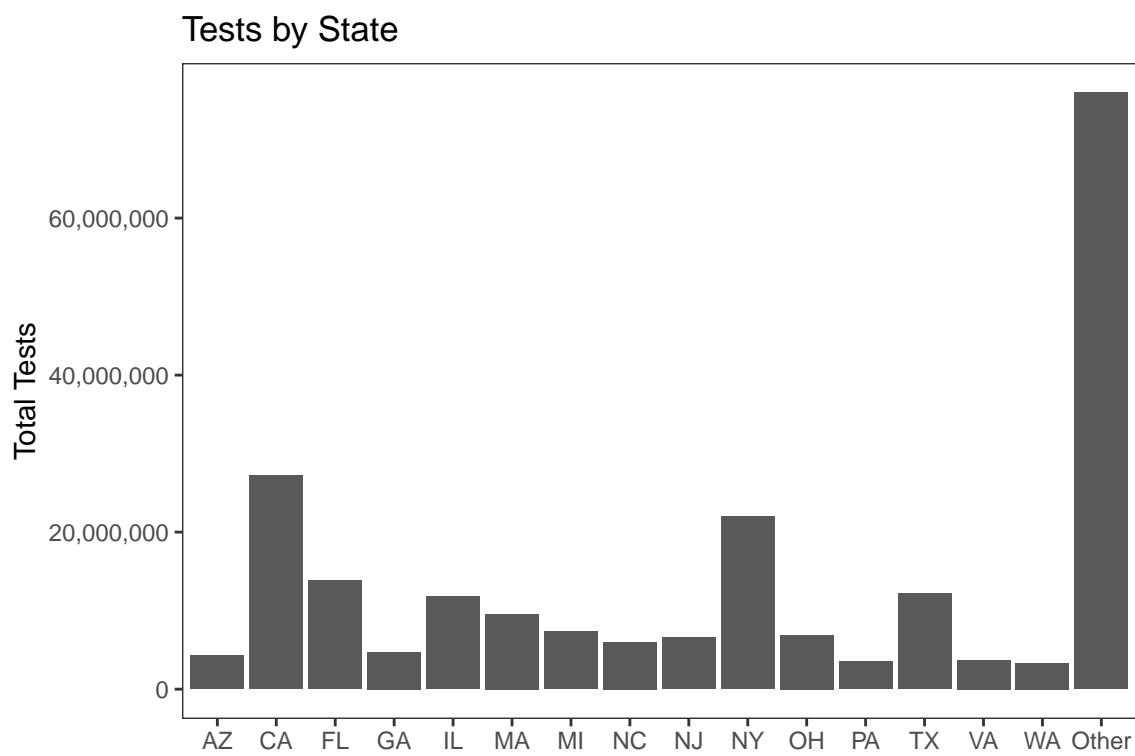


### 7-Day Change in Daily Cases

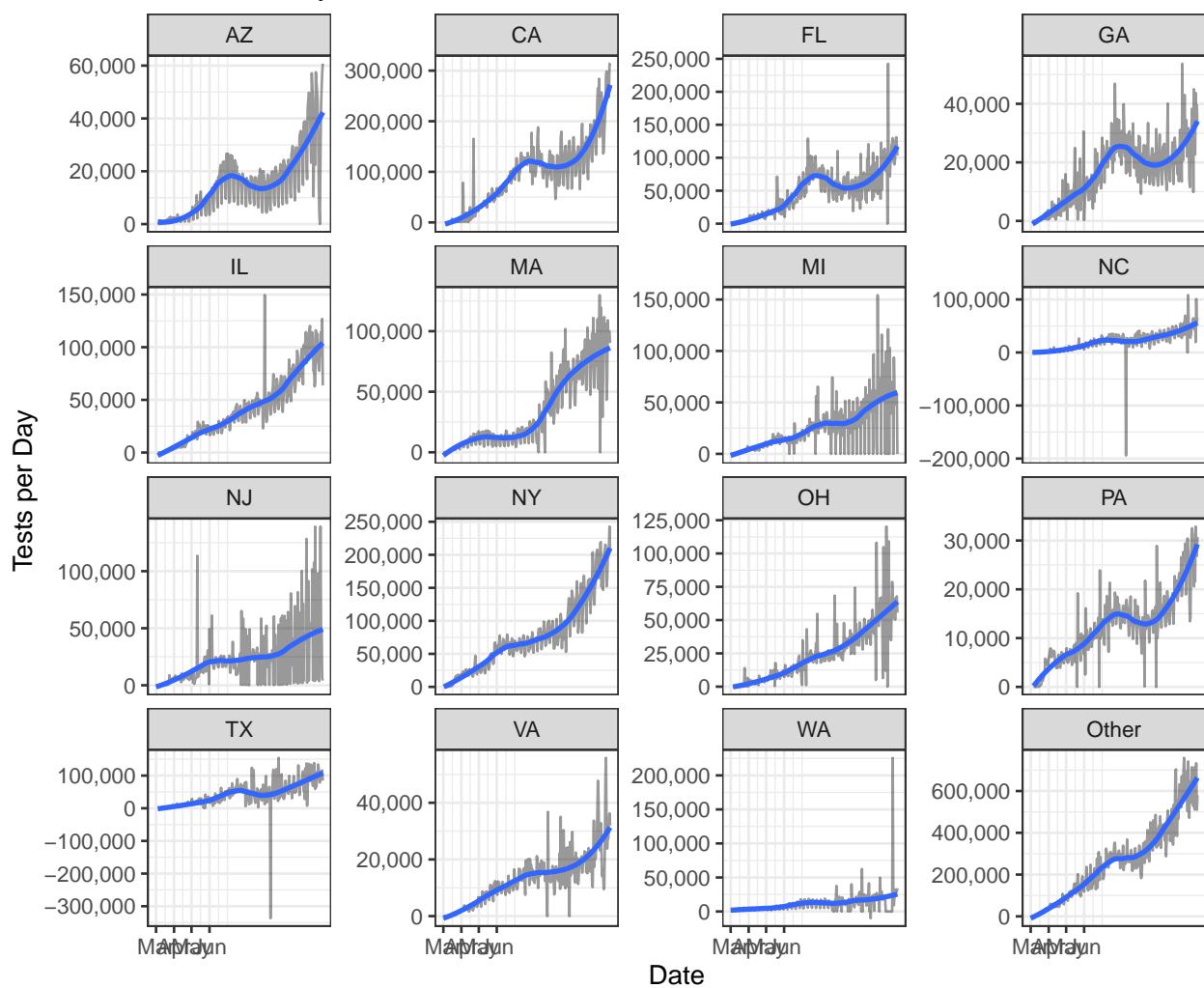


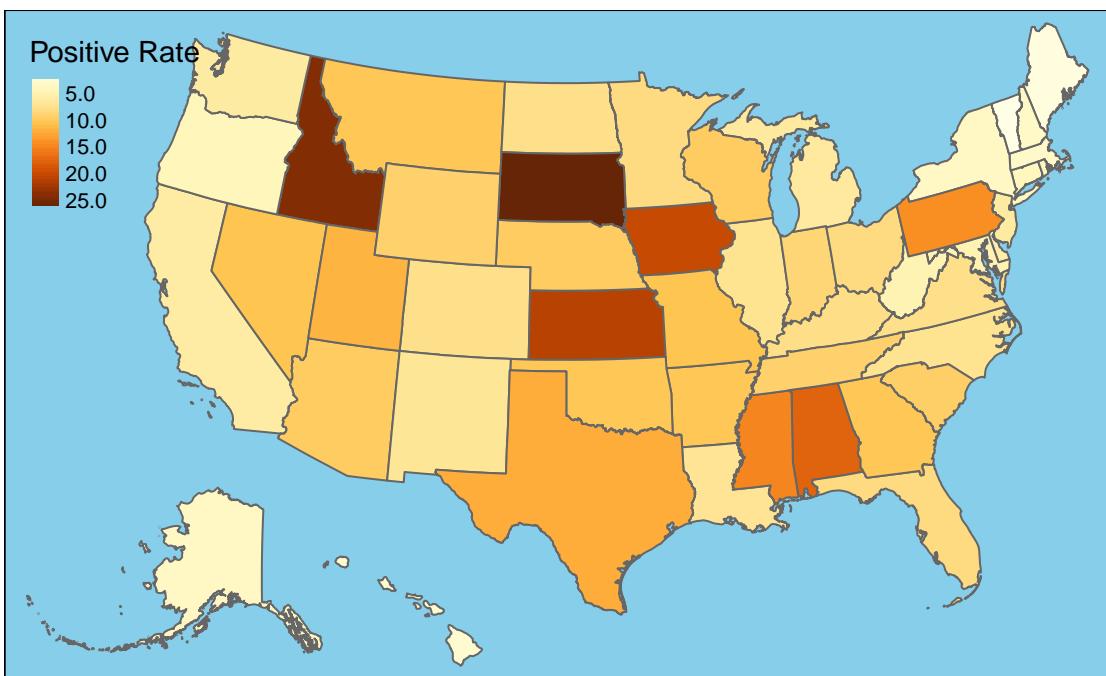
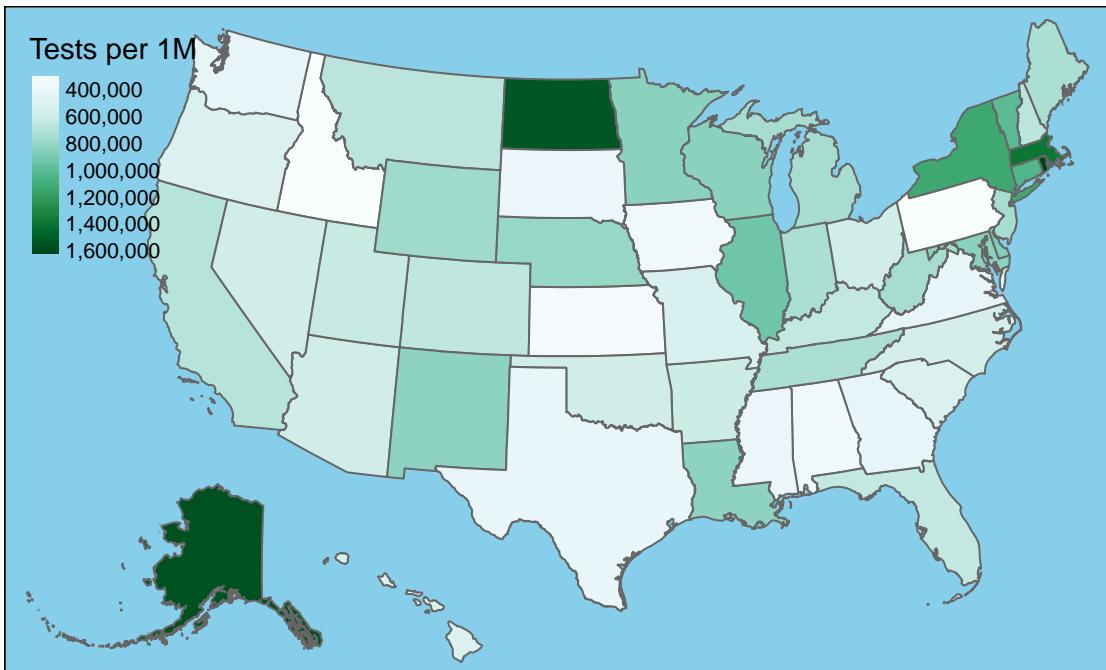


## Testing



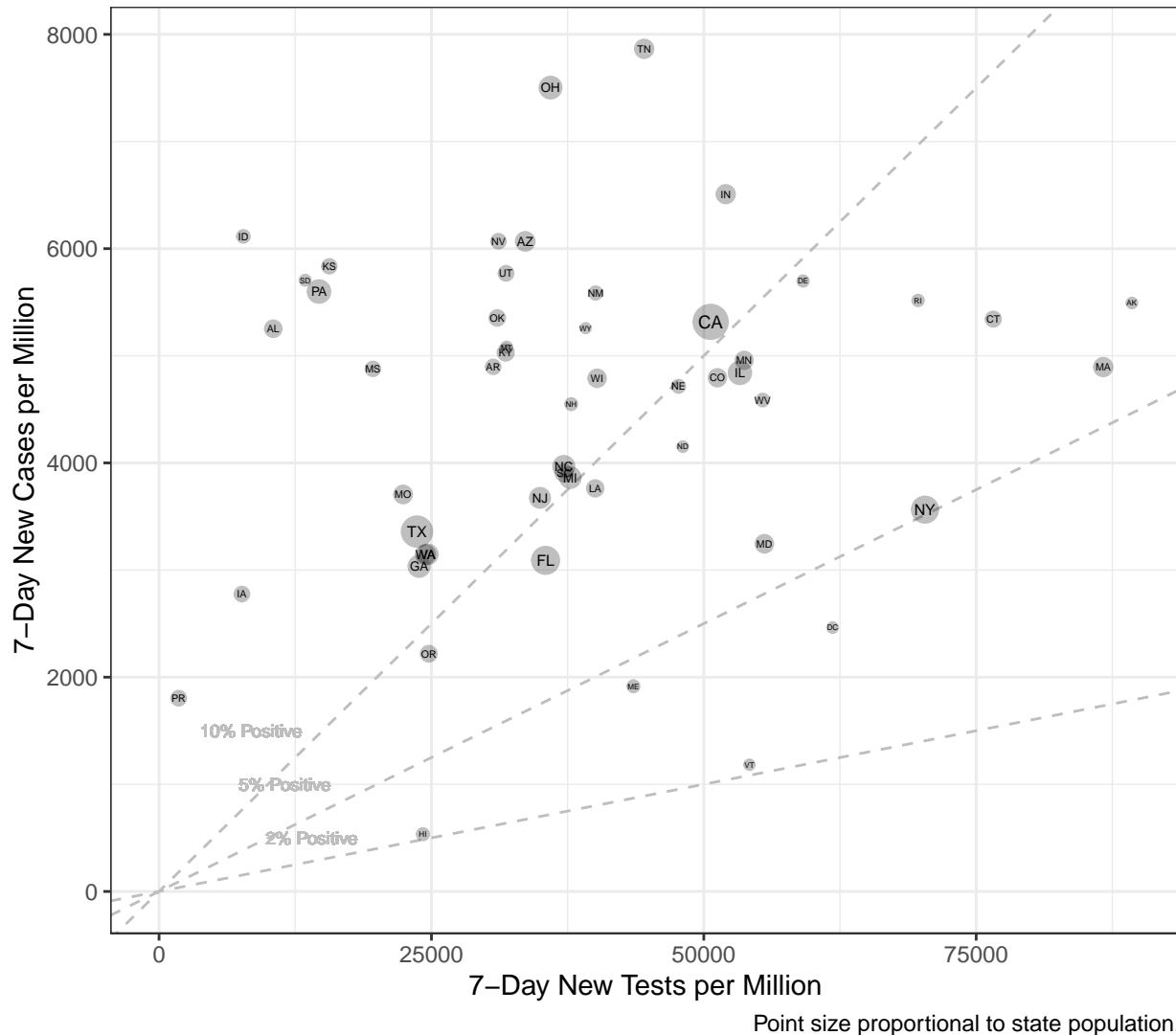
## New Tests by State





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



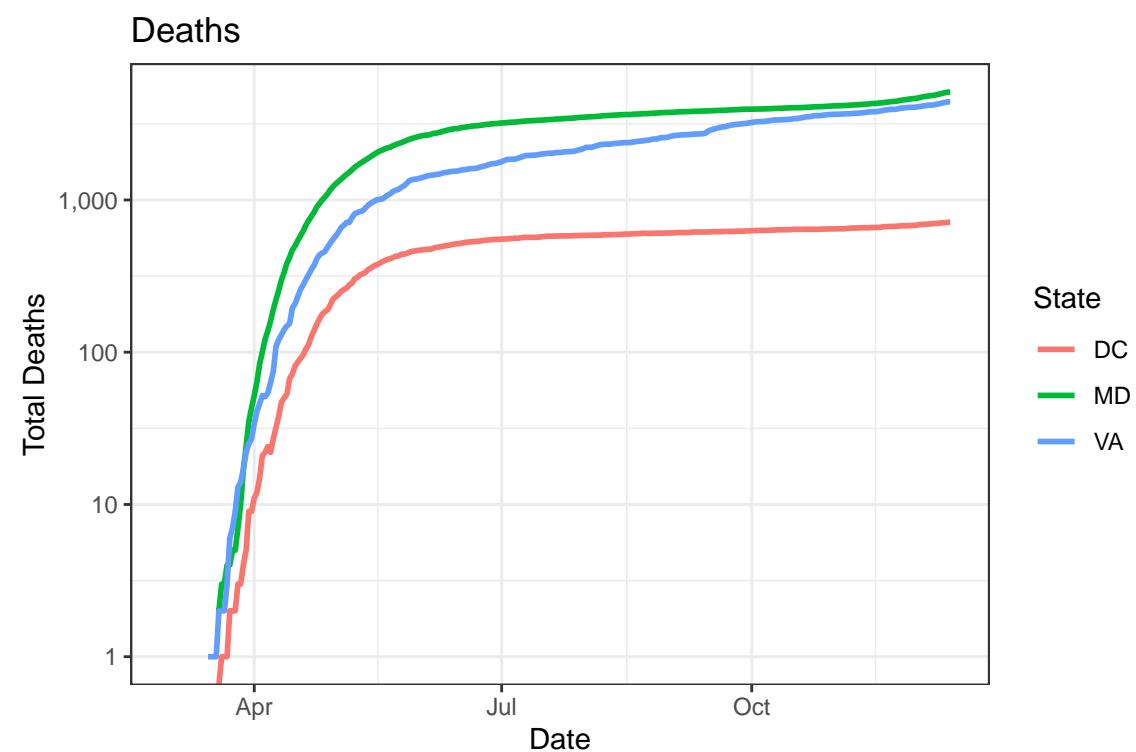
## Local Data

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

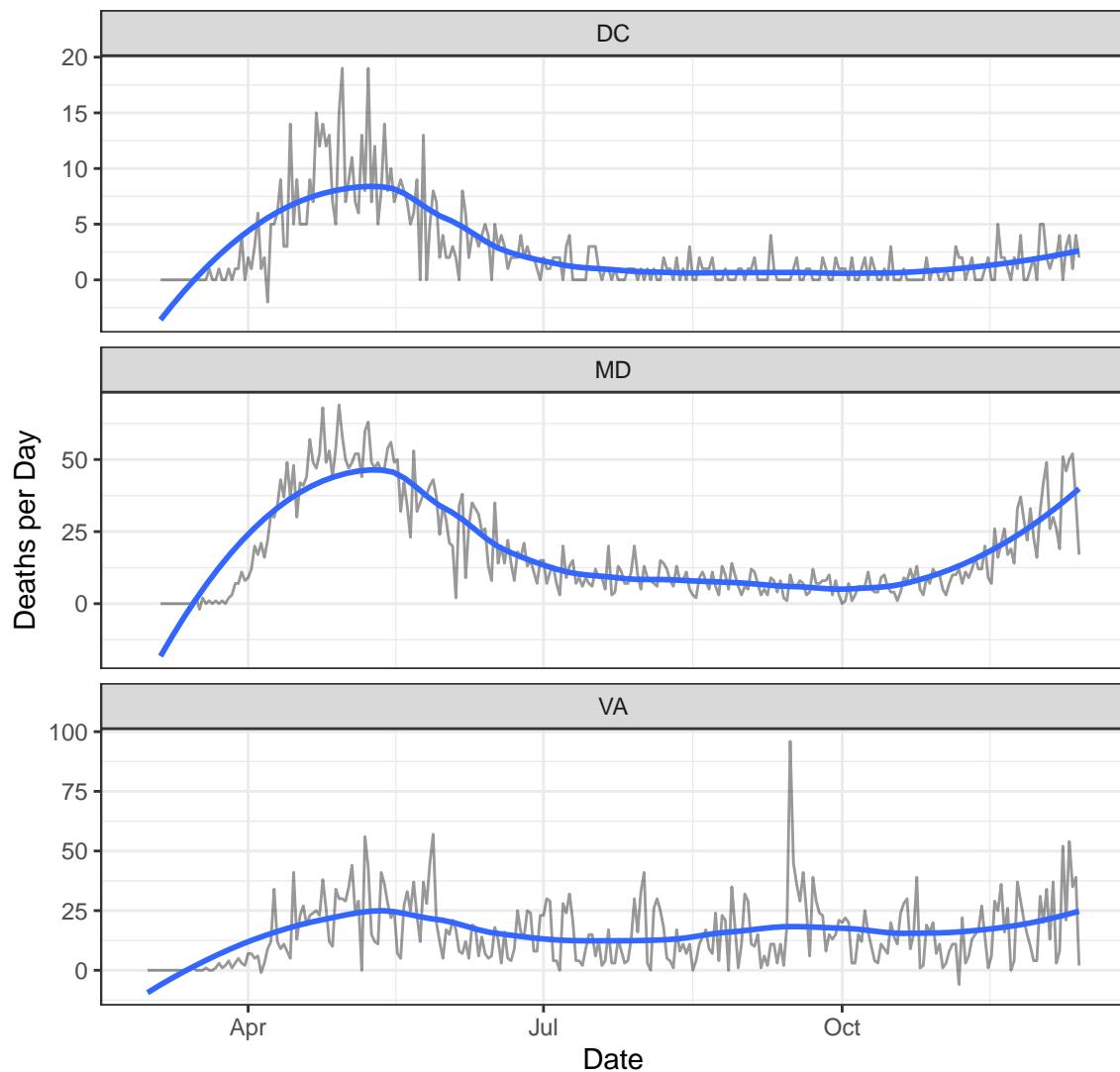
Table 3: Latest Local Data

State	Cases	Deaths	New Cases	New Deaths
DC	24,874	715	231	2
MD	234,647	5,117	2,638	17
VA	281,909	4,411	3,294	2

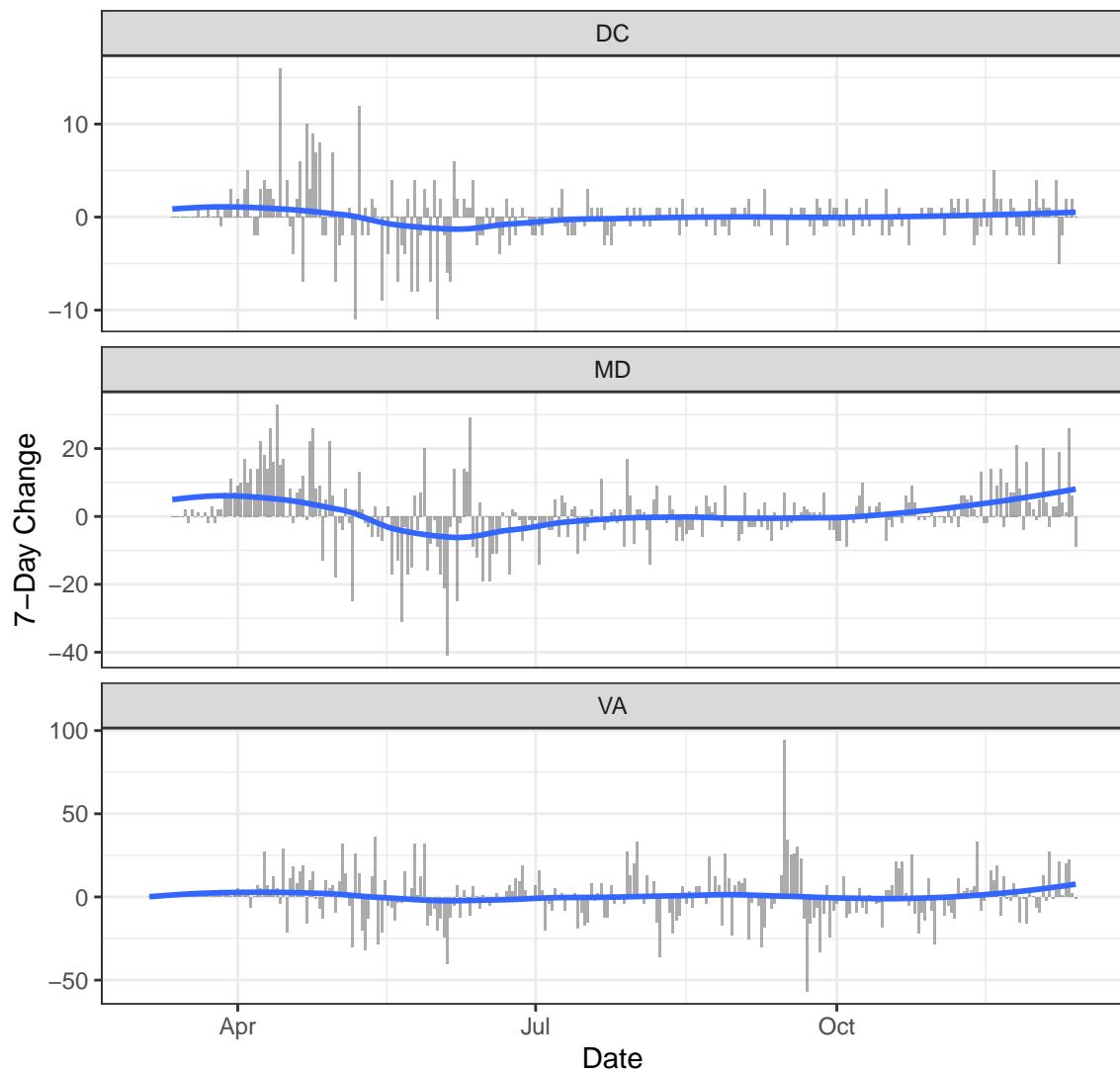
## Deaths

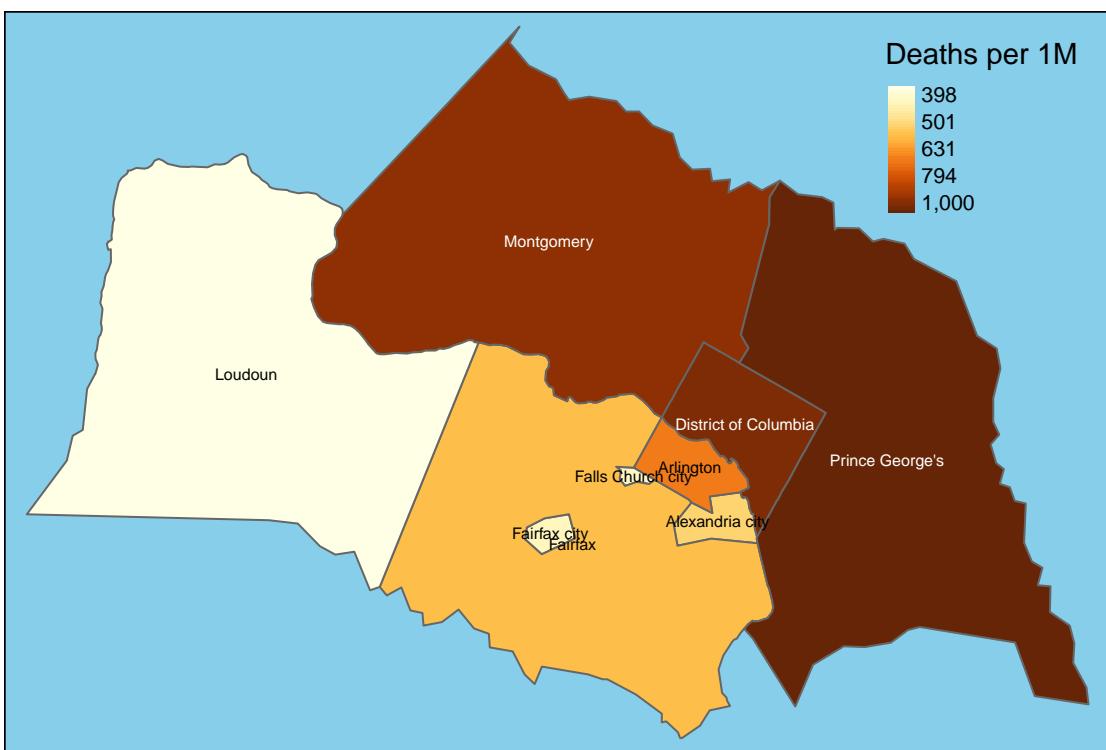
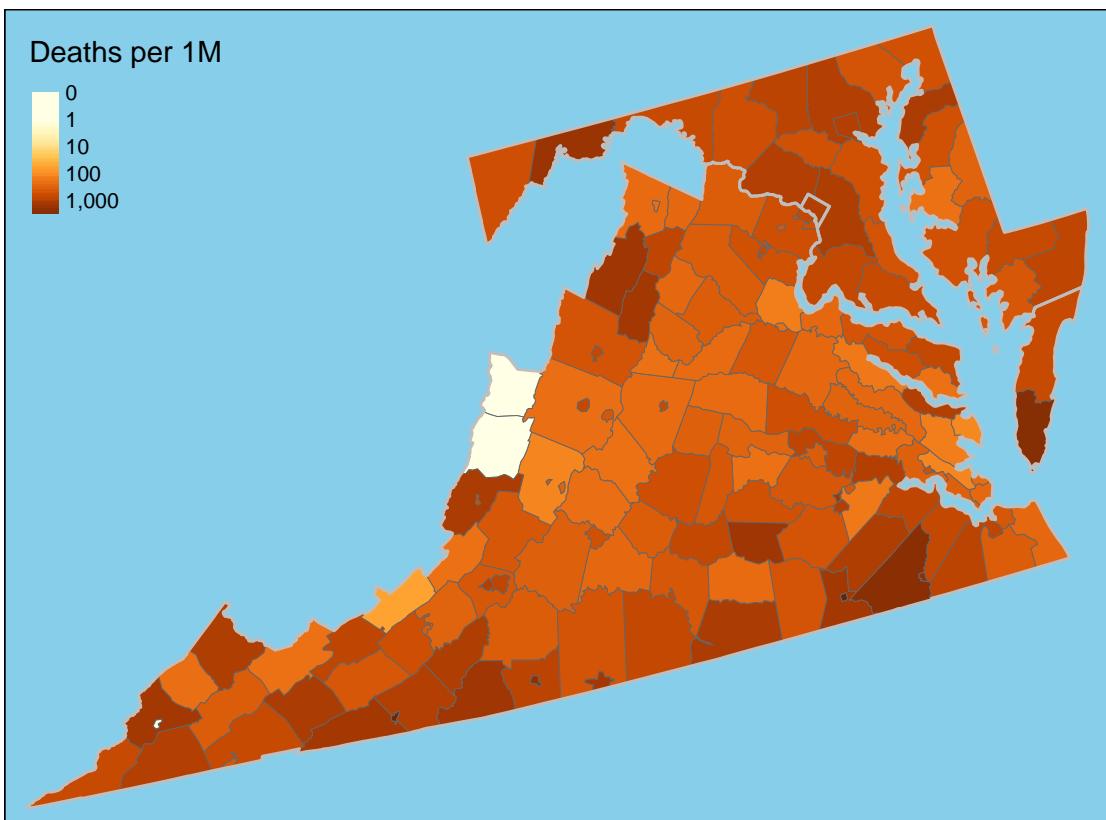


## New Deaths

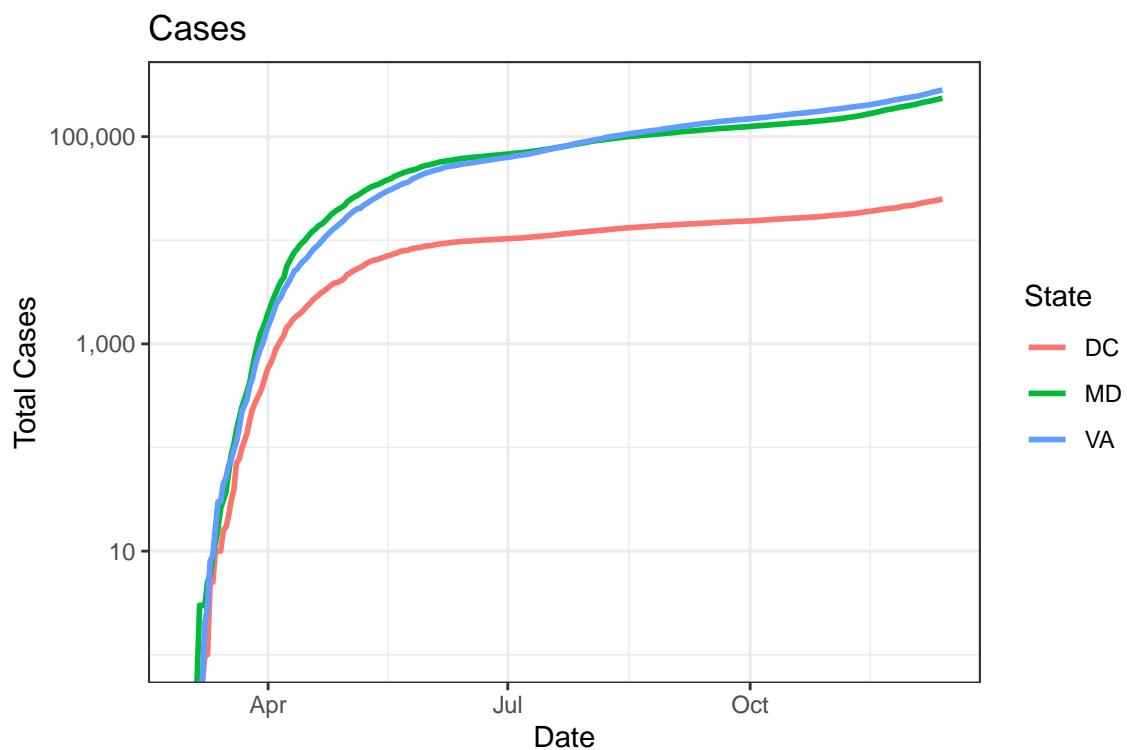


## One-Week Change in Daily Deaths

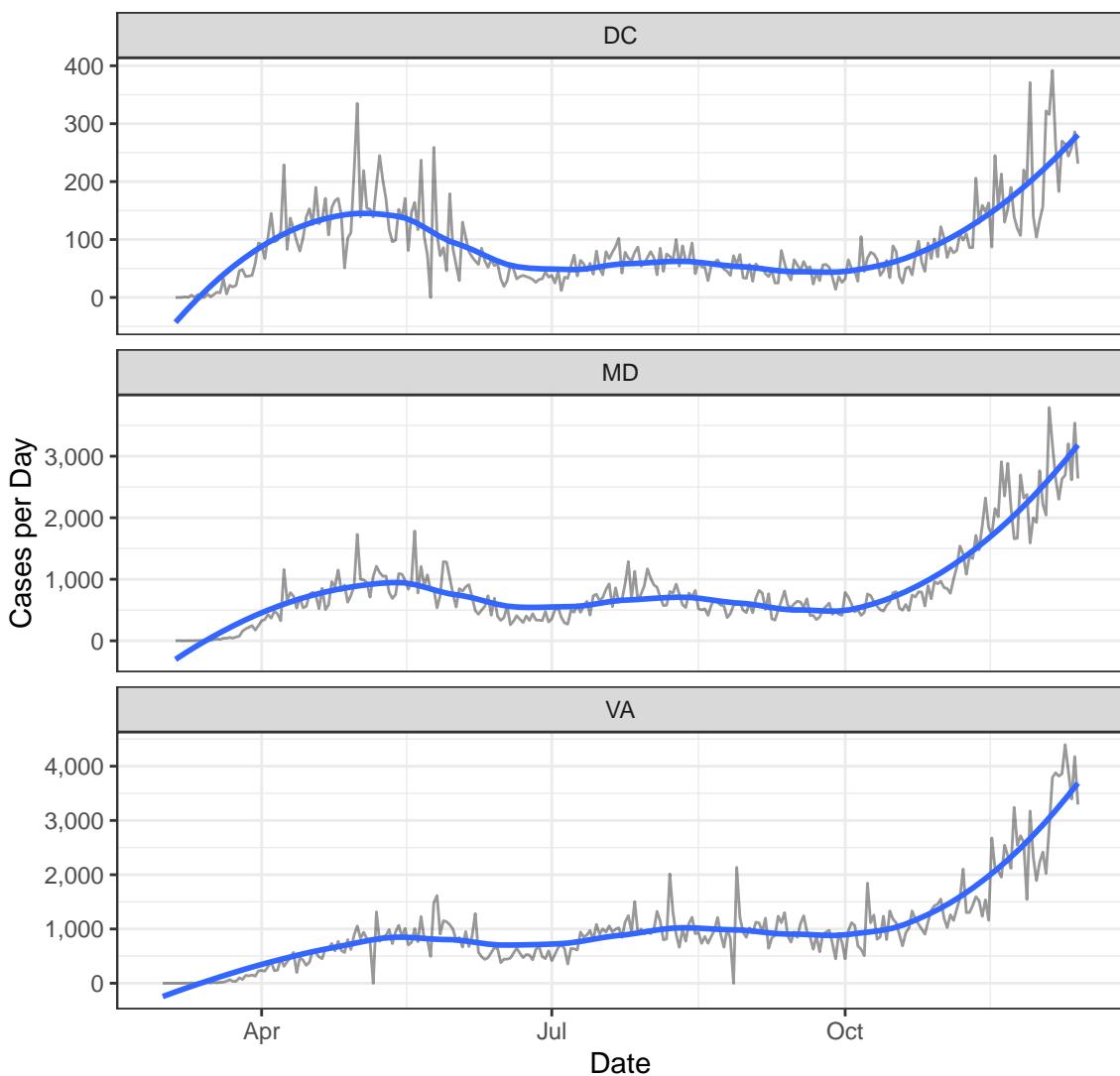




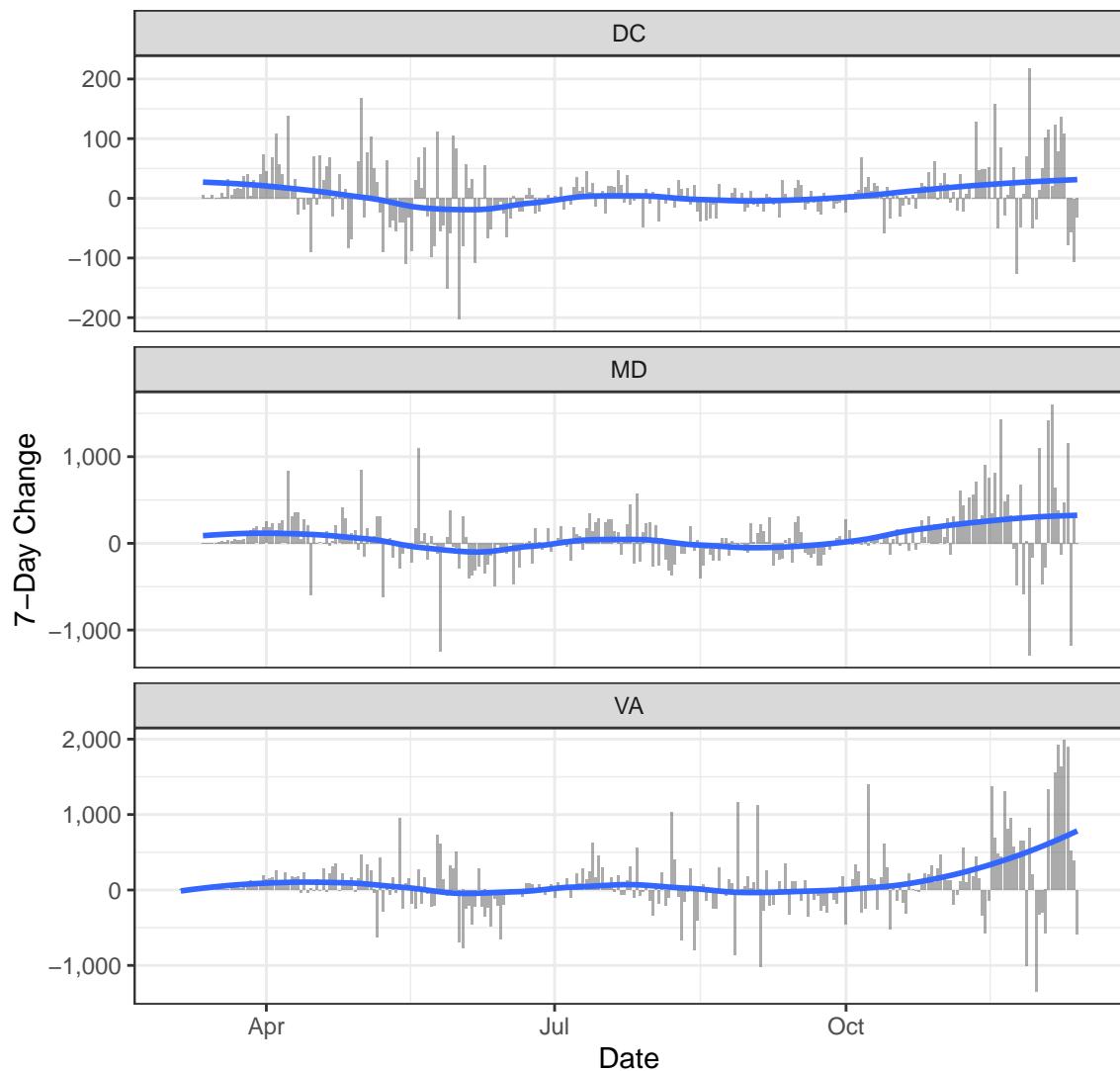
Cases

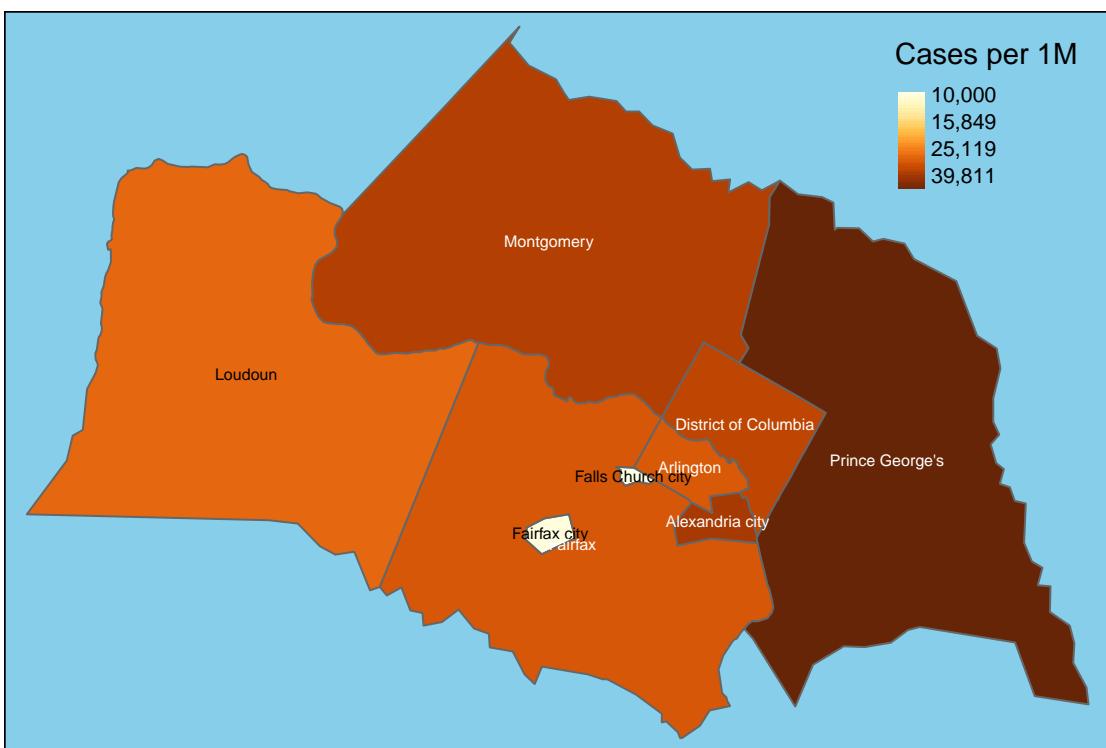
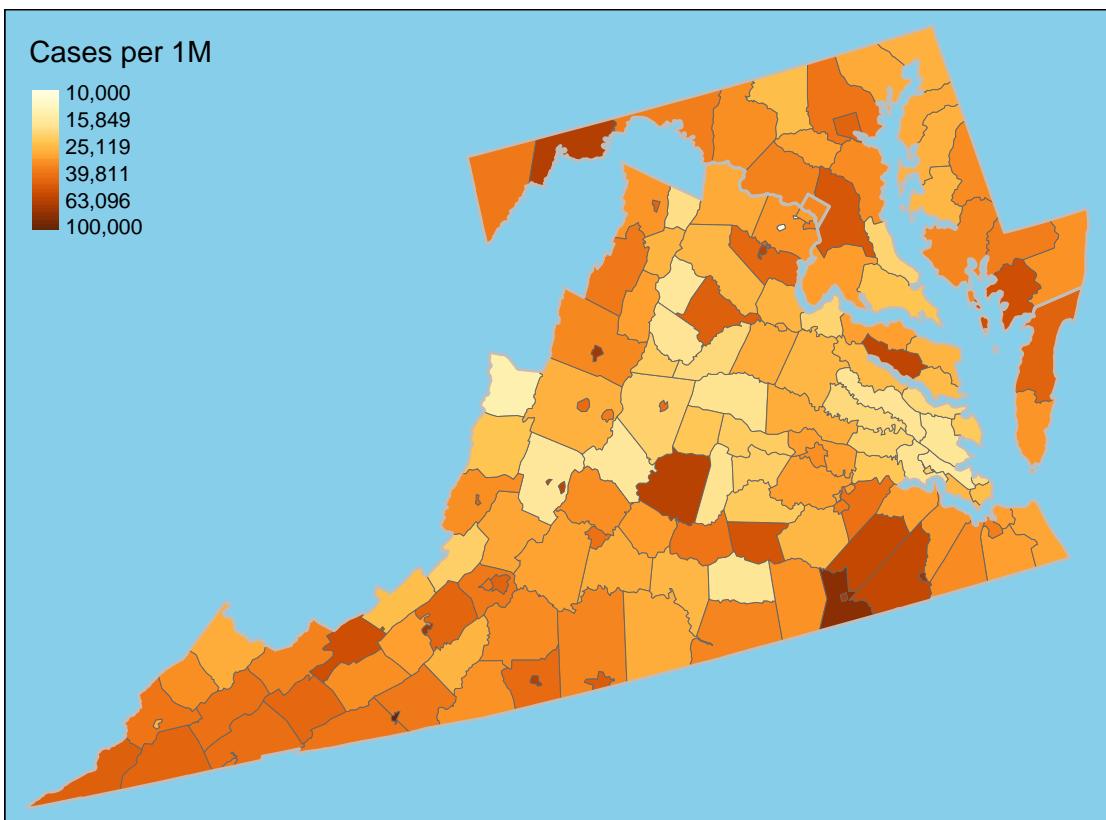


## New Cases

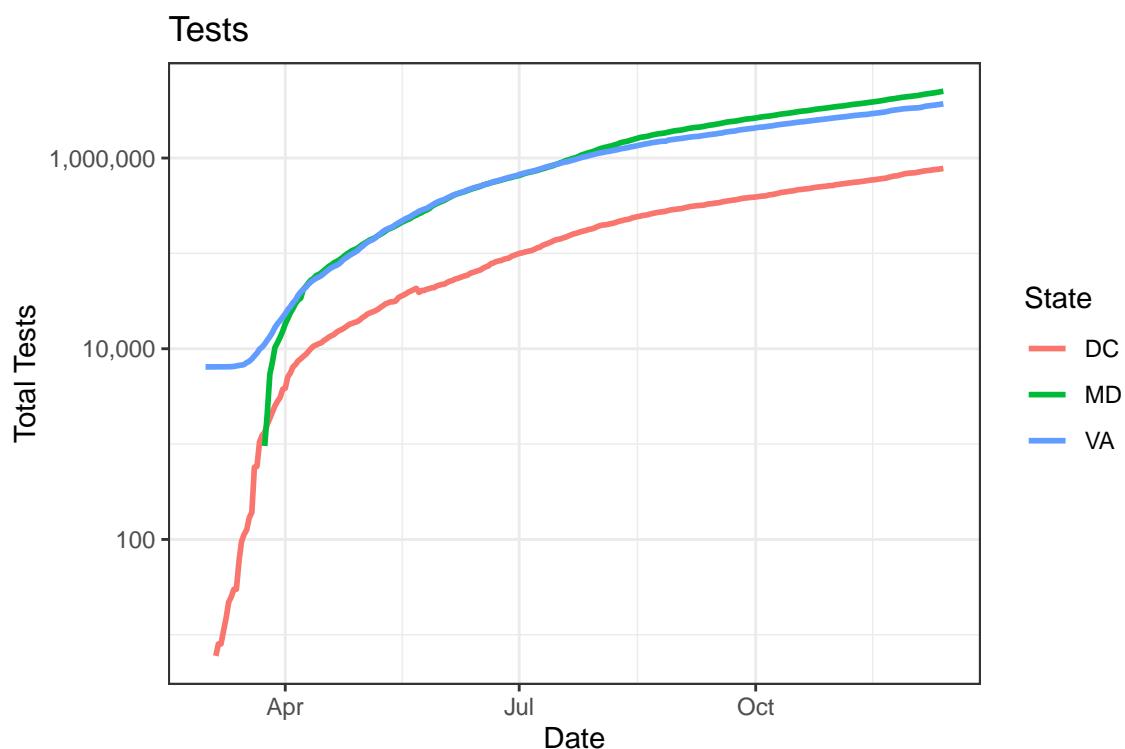


## One-Week Change in Daily Cases

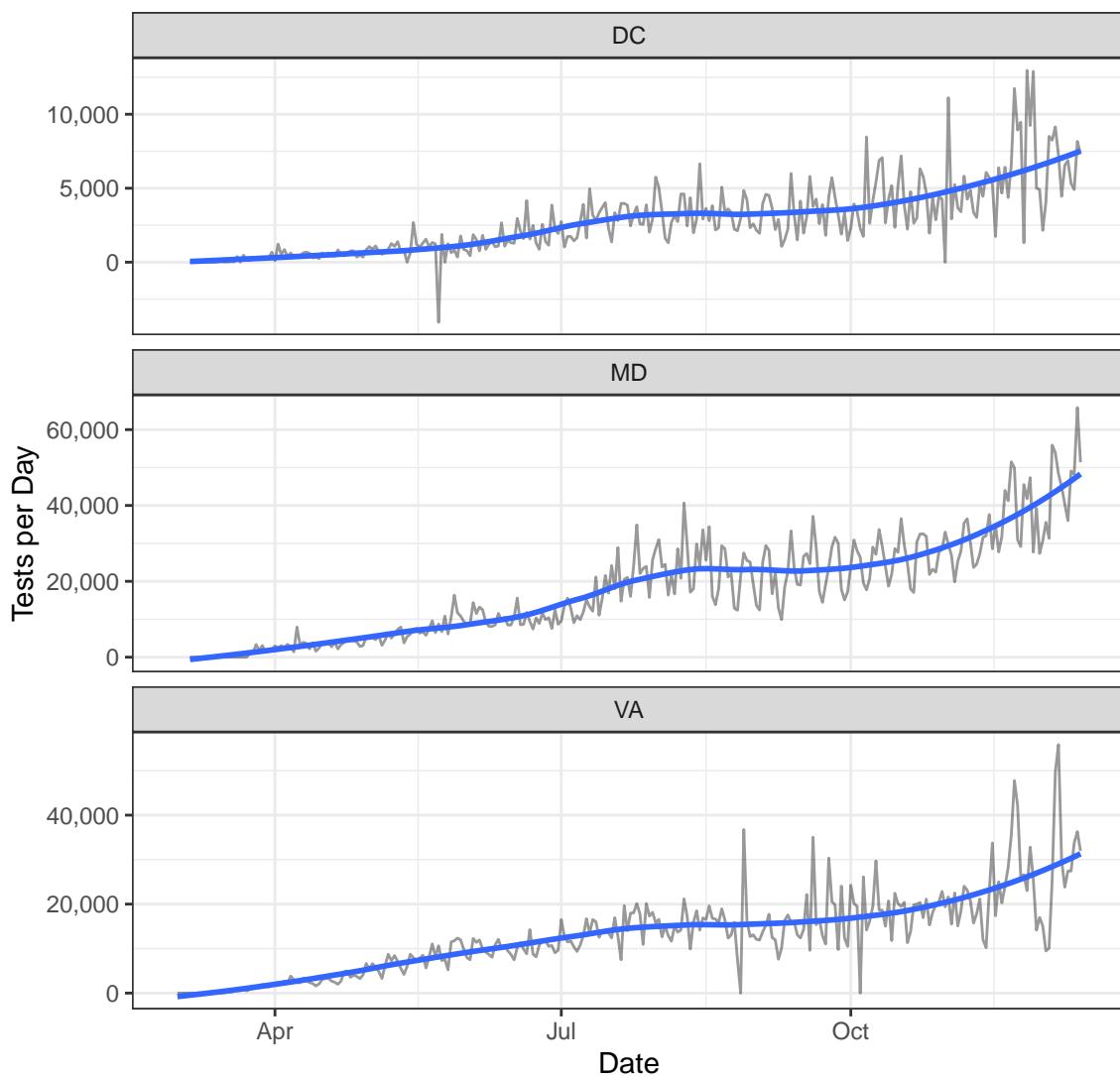




## Testing



## New Tests



## Positive Test Rate

