

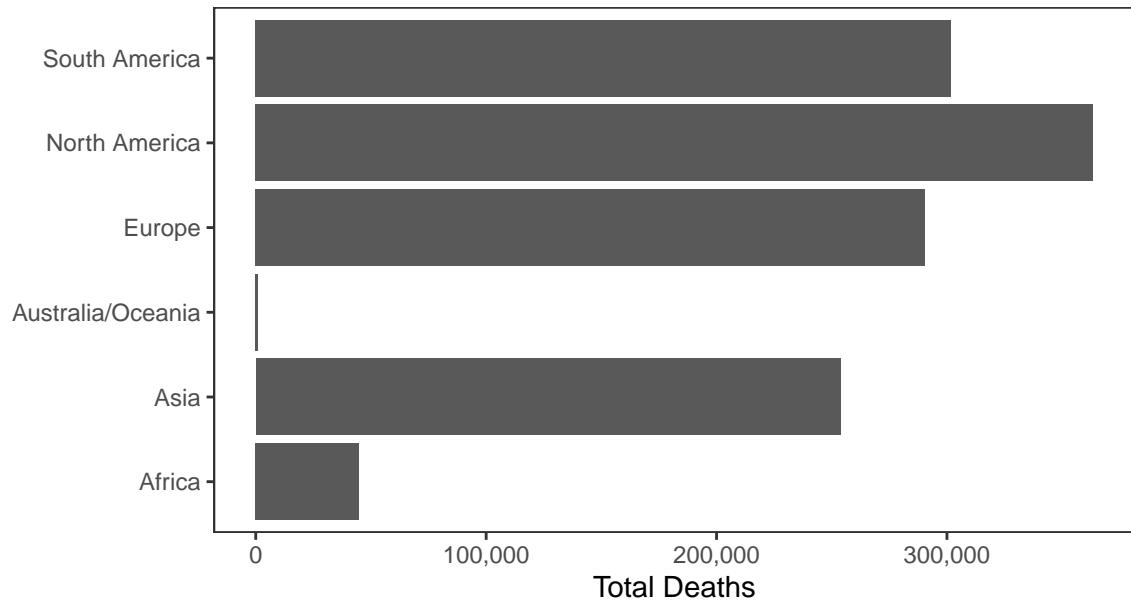
# Erik's Covid-19 Chart Pack

Data updated 2020-11-08 07:42:43. 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 50,247,449 confirmed Covid-19 cases and 1,255,637 deaths worldwide.

**Deaths**



**Cases**

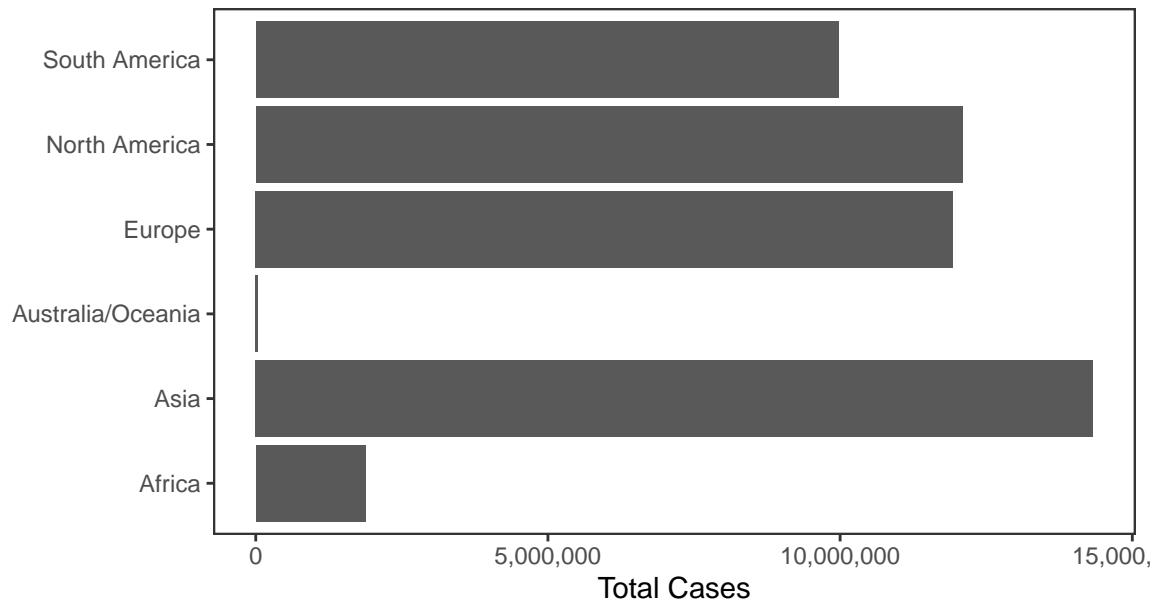
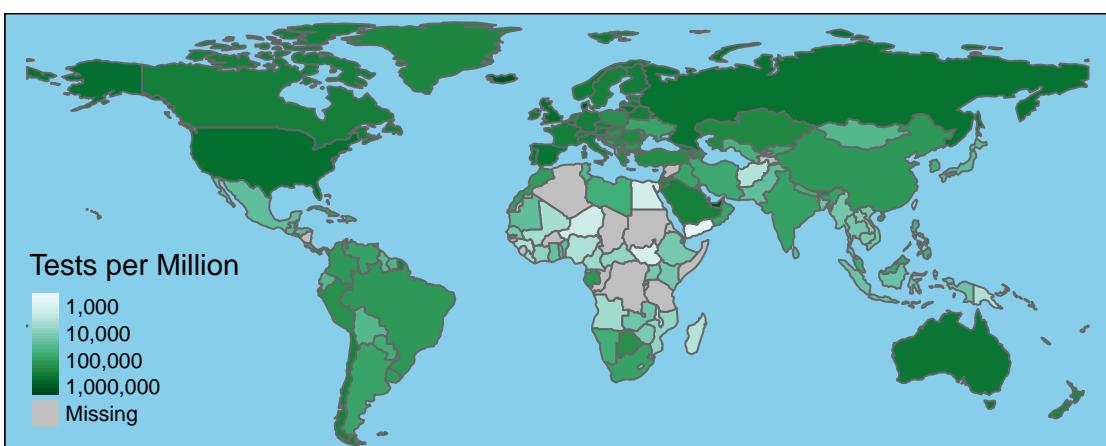
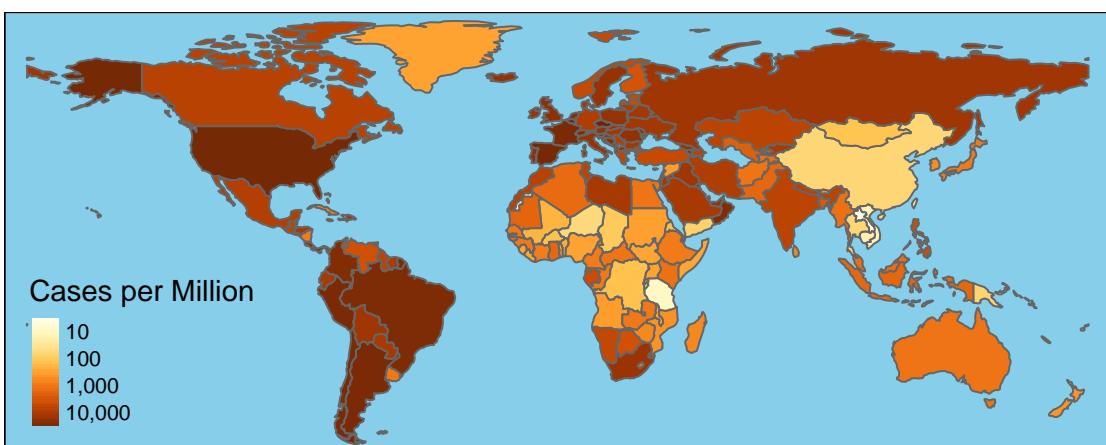
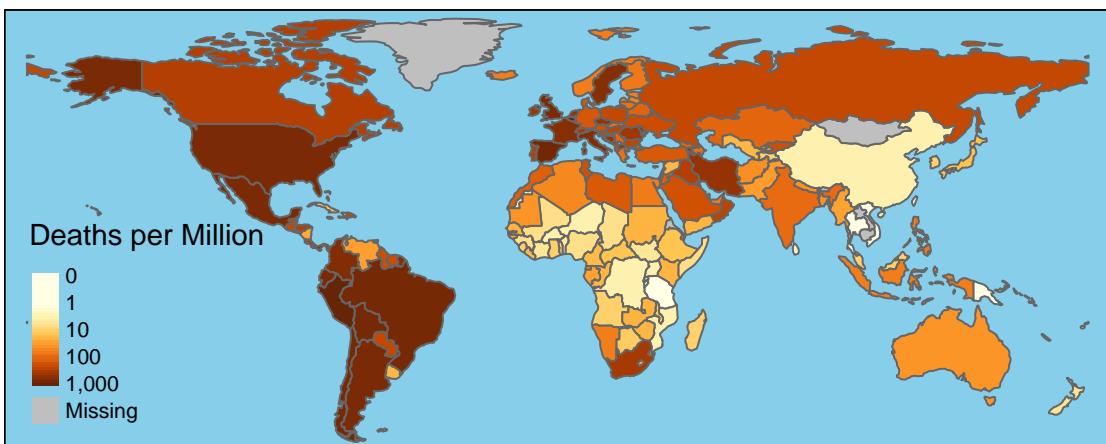


Table 1: Top Countries by Total Cases

Country	Cases	Deaths	New Cases	New Deaths
USA	10,182,977	243,257	124,390	1,031
India	8,507,203	126,162	46,318	557
Brazil	5,653,561	162,286	21,056	251
Russia	1,753,836	30,251	20,396	364
France	1,748,705	40,169	86,852	304
Spain	1,388,411	38,833	0	0
Argentina	1,236,851	33,348	8,037	212
UK	1,171,441	48,888	24,957	413
Colombia	1,136,447	32,595	8,714	190
Mexico	955,128	94,323	5,931	551
Peru	920,010	34,840	2,507	57
Italy	902,490	41,063	39,811	425
South Africa	735,906	19,789	1,731	40
Iran	673,250	37,832	9,450	423
Germany	658,481	11,435	17,119	71
Poland	521,640	7,636	27,875	349
Chile	519,977	14,499	1,568	49
Iraq	496,019	11,283	2,880	39
Belgium	488,044	12,708	8,703	188
Ukraine	450,934	8,312	10,746	187



## National Data

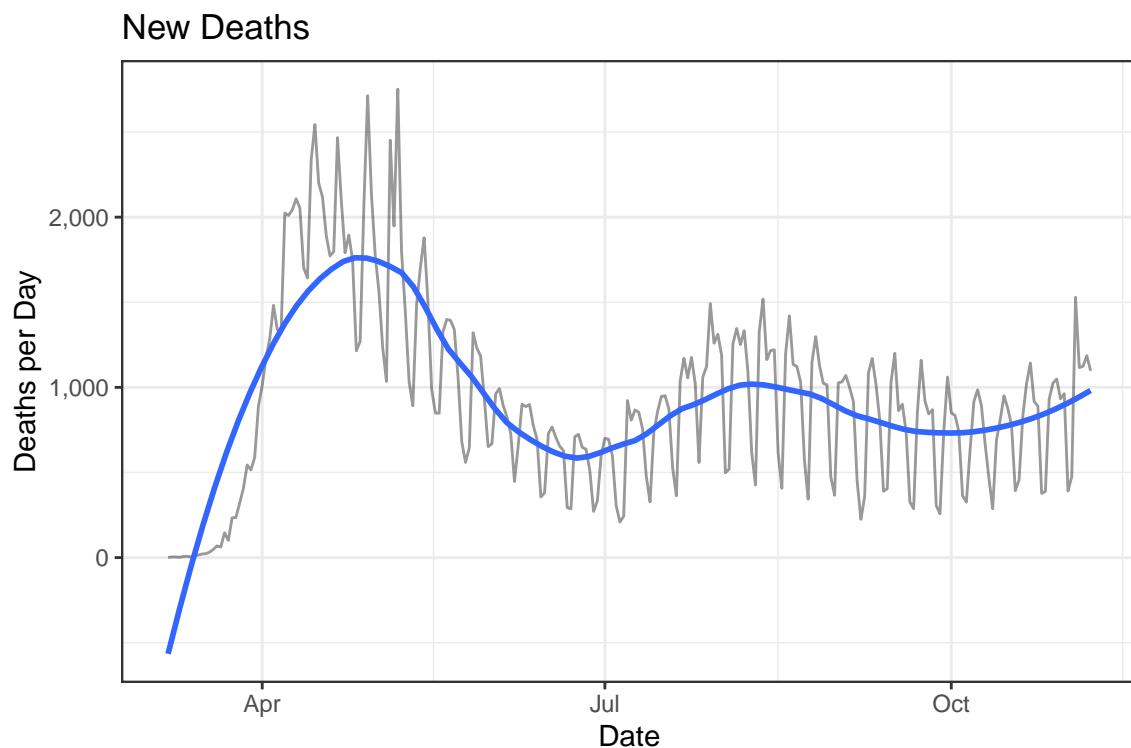
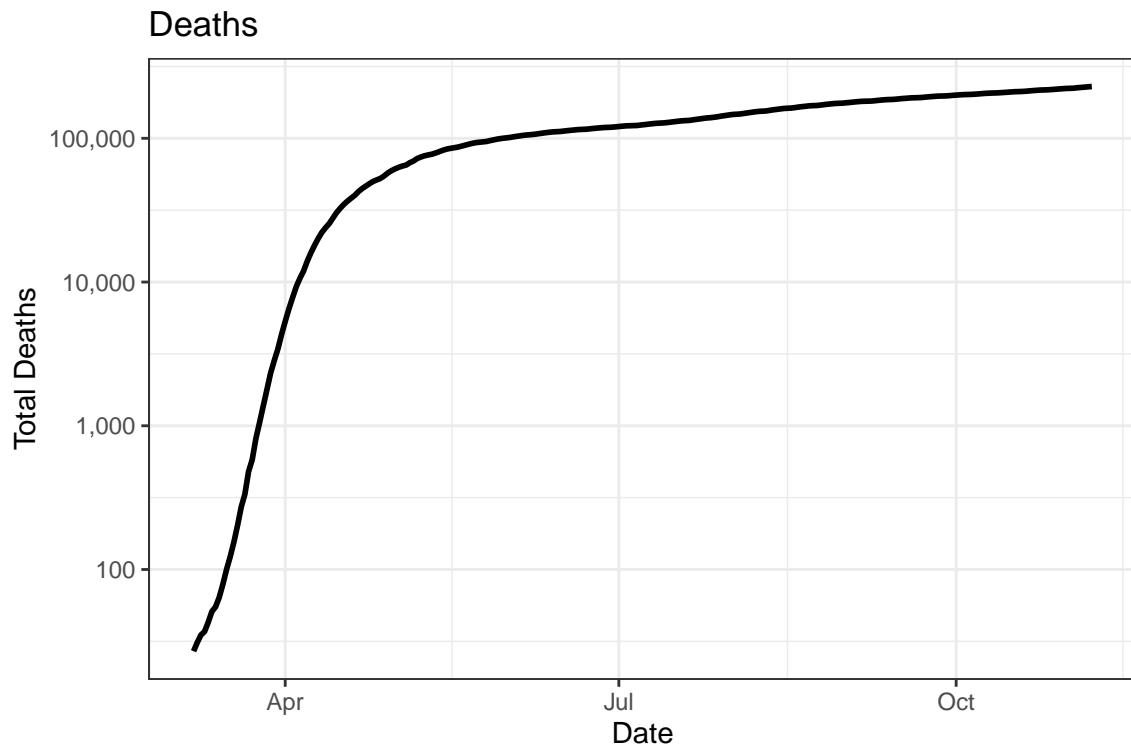
There have been 9,761,481 confirmed Covid-19 cases and 229,238 deaths in the United States.

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

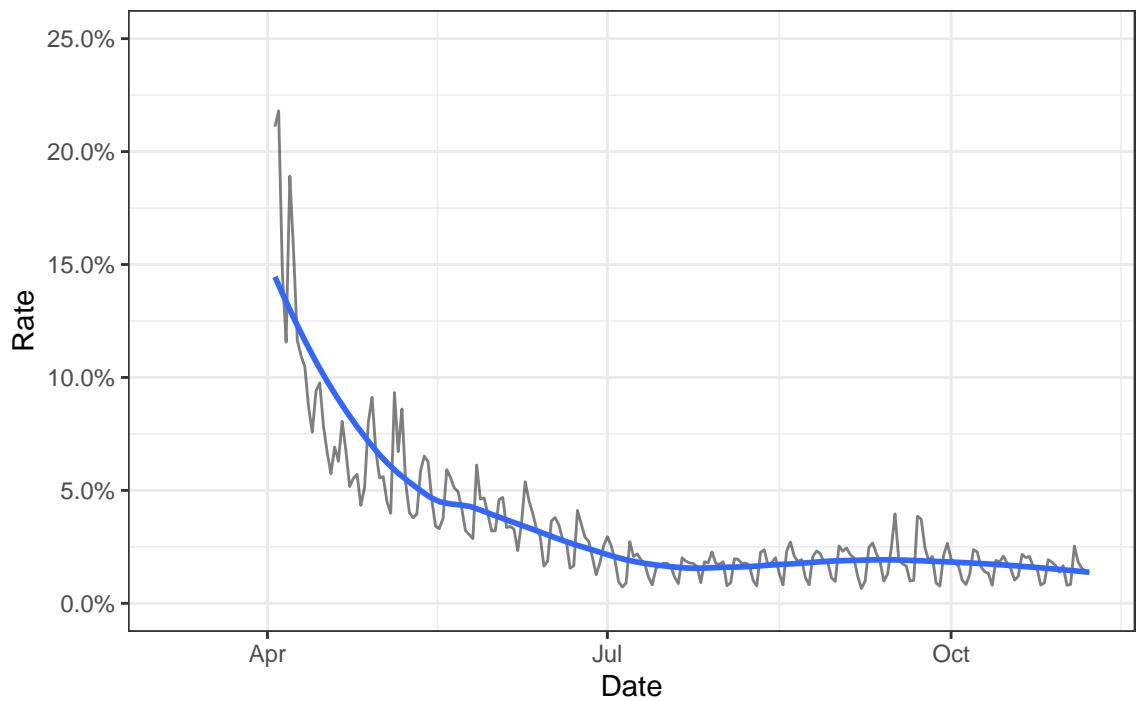
Date	Cases	Deaths	New Cases	New Deaths
2020-11-07	9,761,481	229,238	128,396	1,097
2020-11-06	9,633,085	228,141	125,252	1,186
2020-11-05	9,507,833	226,955	116,153	1,124
2020-11-04	9,391,680	225,831	103,067	1,116
2020-11-03	9,288,613	224,715	86,081	1,529
2020-11-02	9,202,532	223,186	82,248	476
2020-11-01	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
2020-10-29	8,859,032	220,423	87,993	1,049
2020-10-28	8,771,039	219,374	78,637	1,025
2020-10-27	8,692,402	218,349	72,997	931
2020-10-26	8,619,405	217,418	62,103	389
2020-10-25	8,557,302	217,029	65,092	377

## Deaths

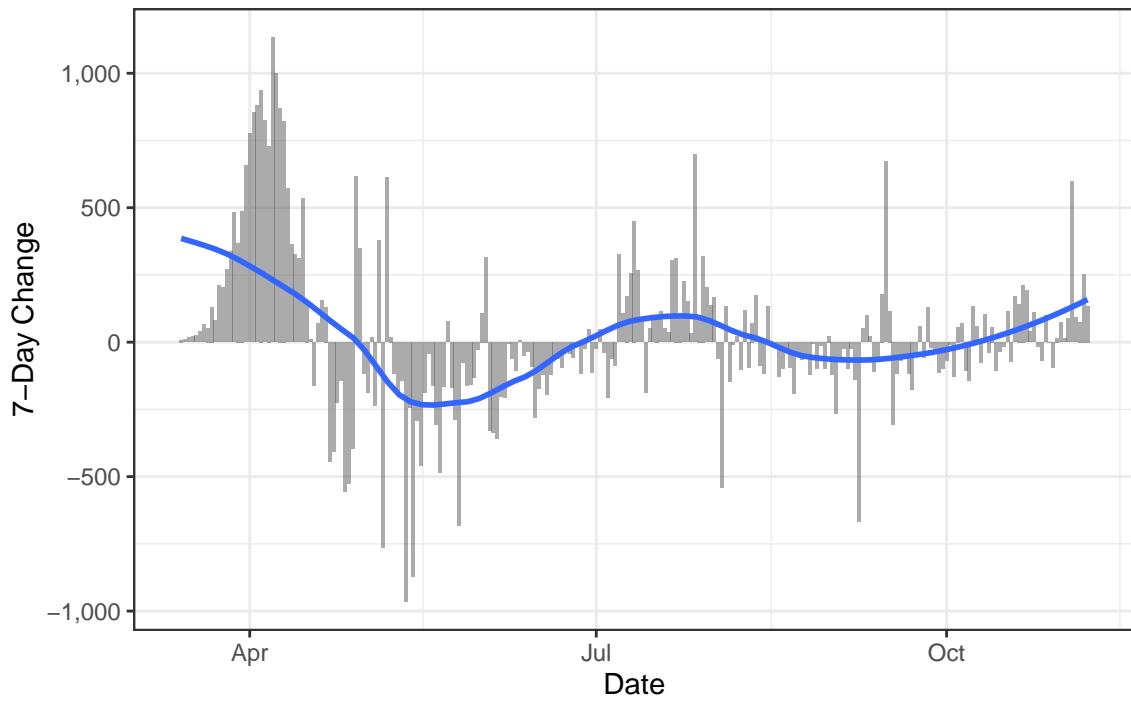
Because the effects of the virus can take several weeks to manifest in patients, deaths are a lagging indicator of contagion, but they may be a more reliable than case counts, which are a function of both the prevalence of the disease and the rate of testing. The case mortality rate is a very crude indicator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

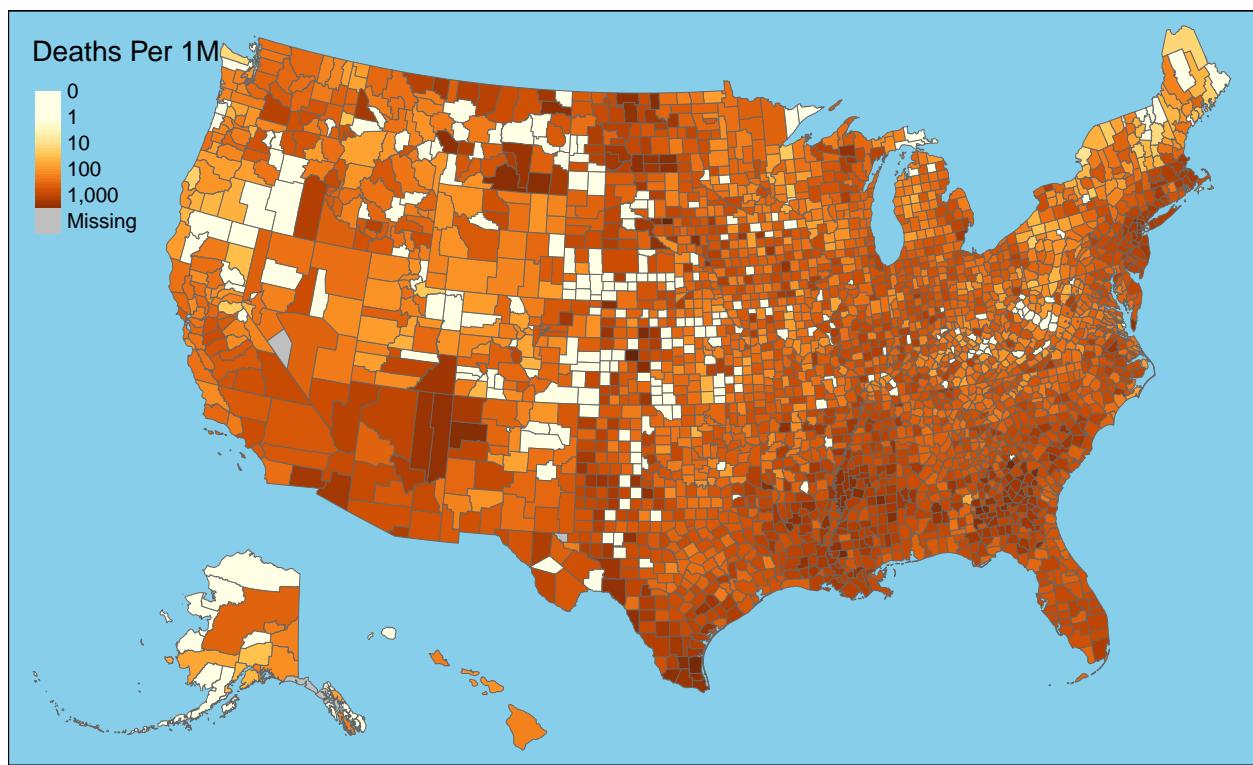


Daily Case Mortailty Rate



One-Week Change in Daily Deaths

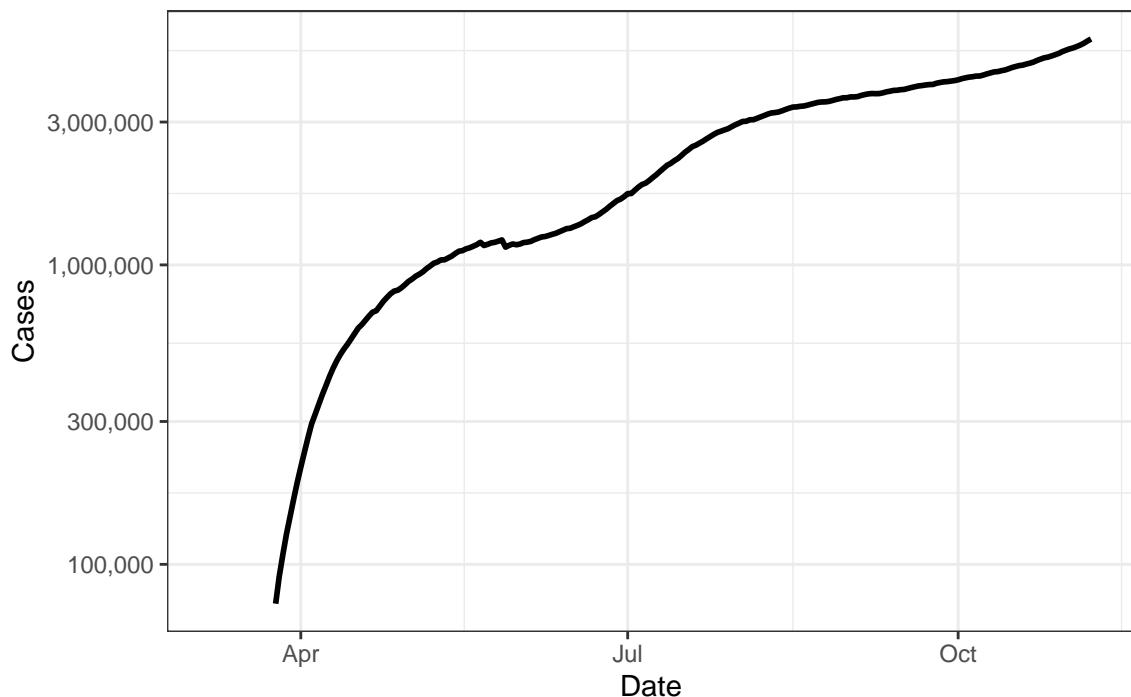




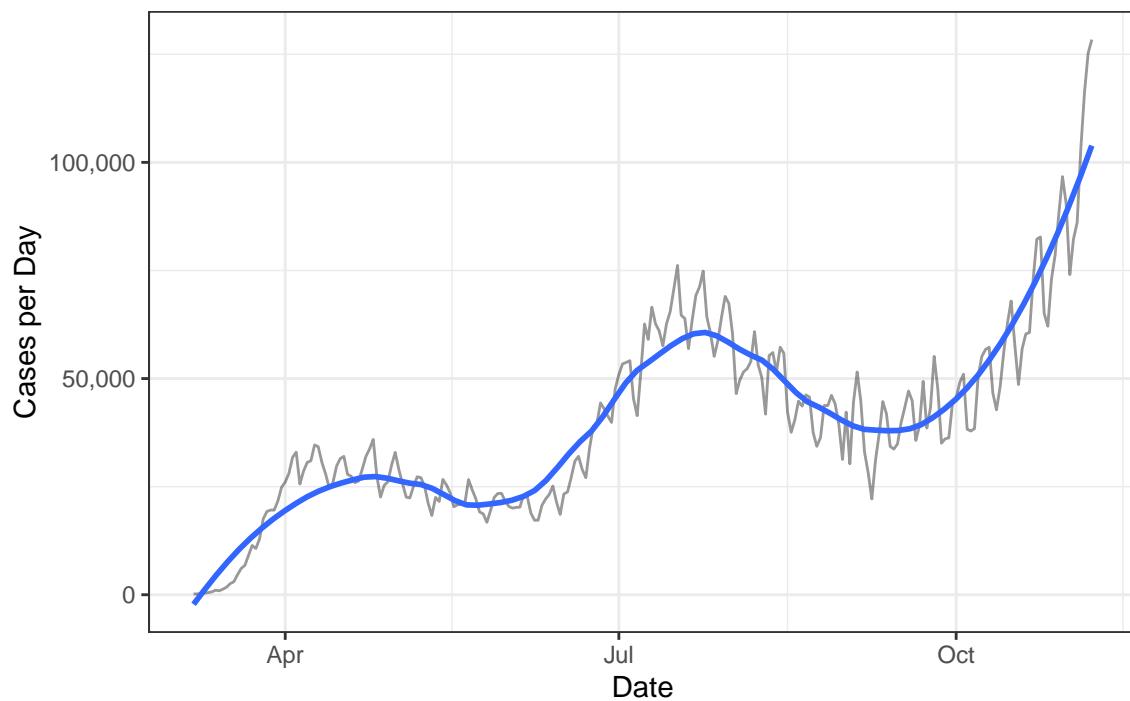
## Cases

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

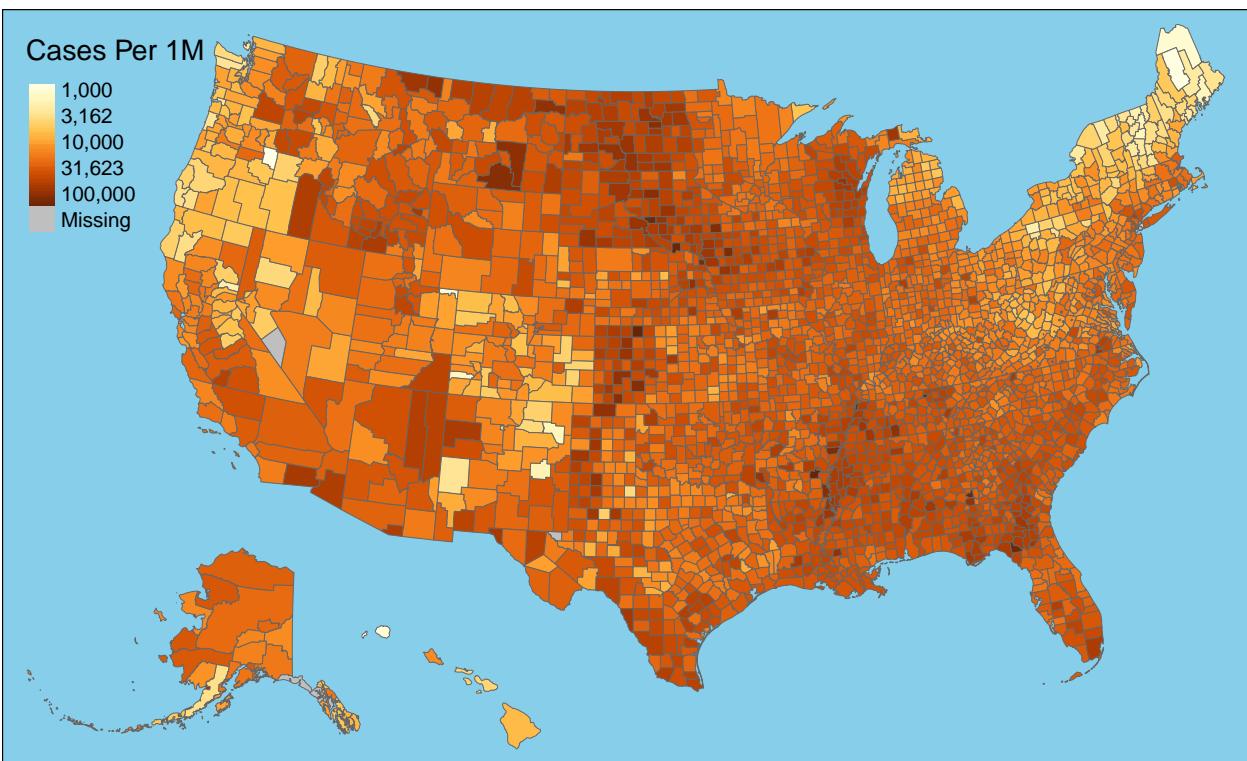
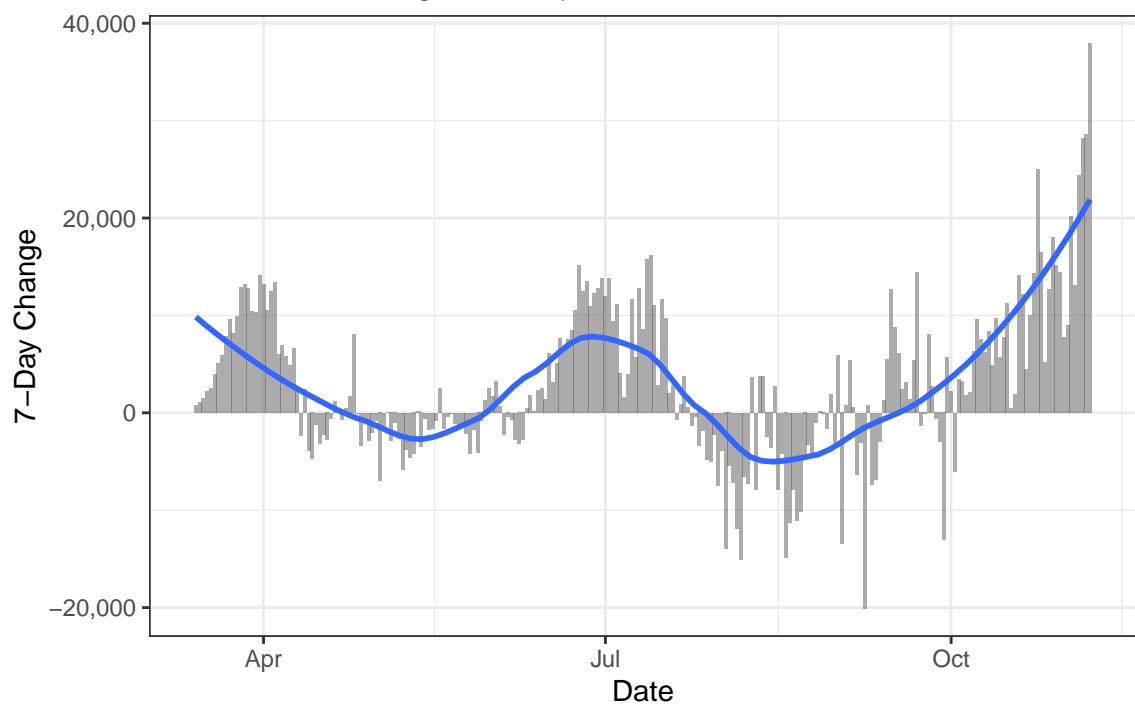
### Active Cases



### New Cases

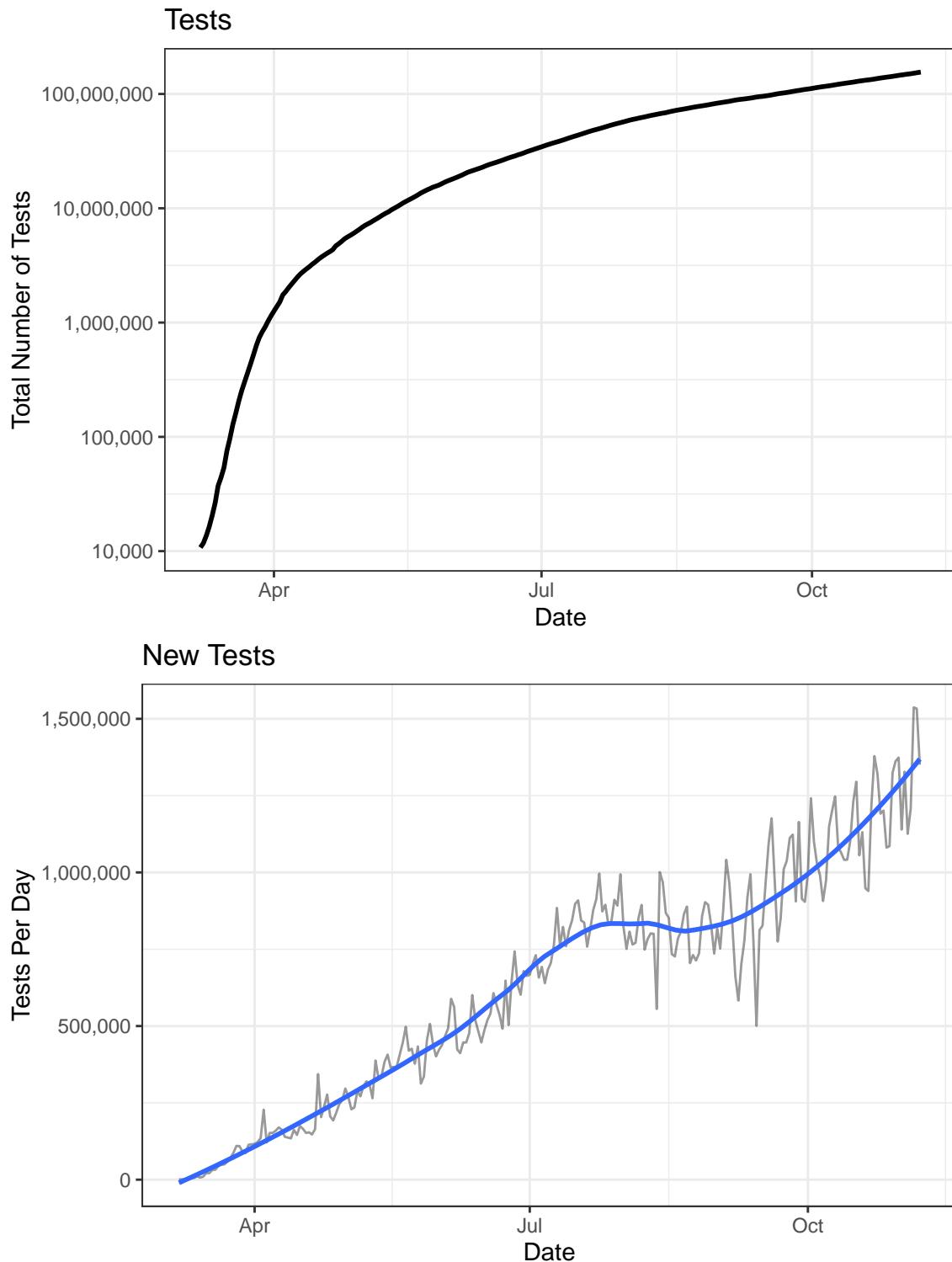


## One-Week Change in Daily Cases

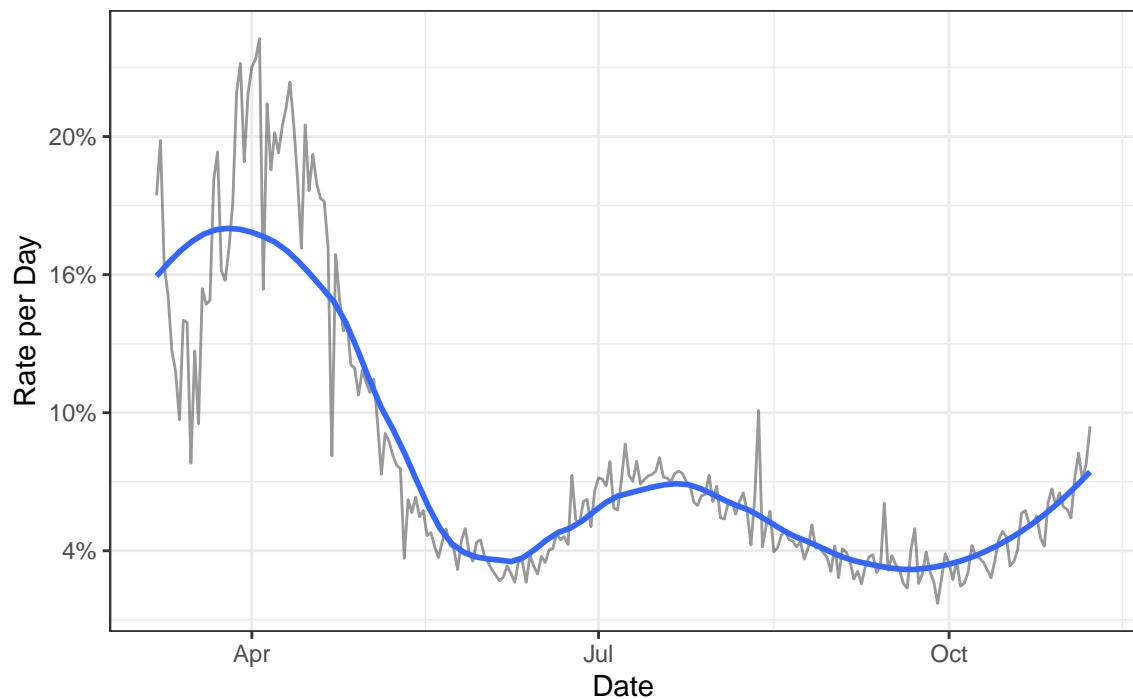


## Testing

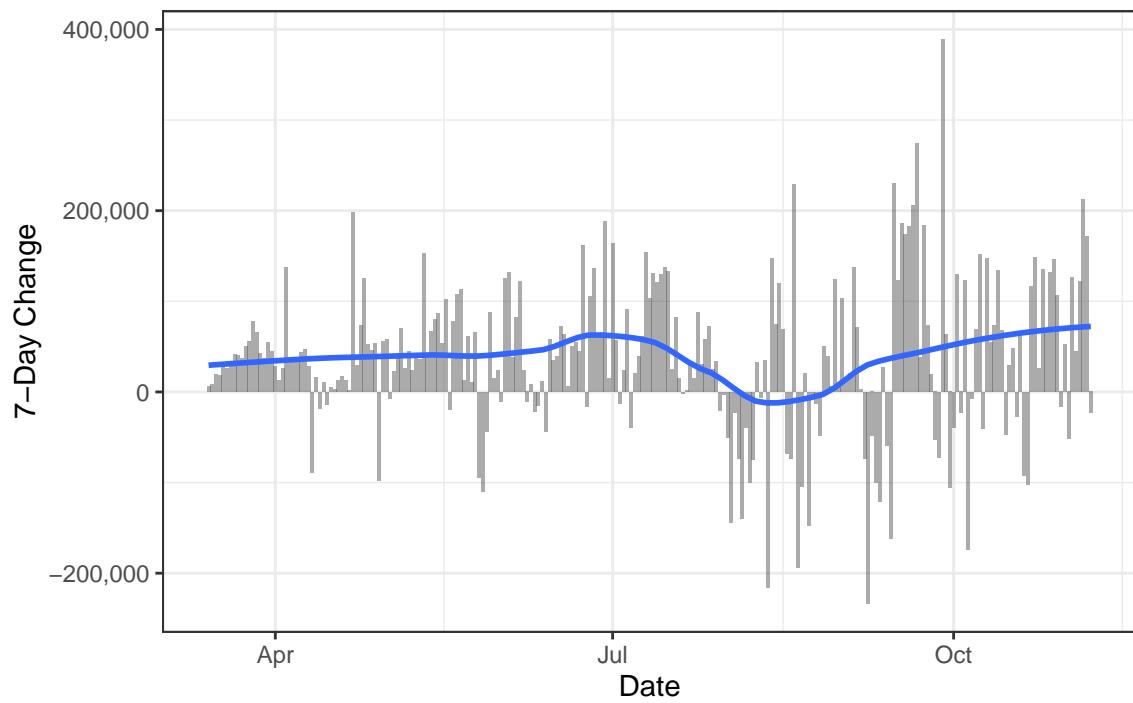
Widespread testing is necessary for managing the spread of the disease. The following charts show how testing in the United States has changed over time. When the supply of available tests is limited, they are typically only used for patients whose symptoms suggest they are likely to have contracted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



Positive Test Rate



One-Week Change in Daily Tests

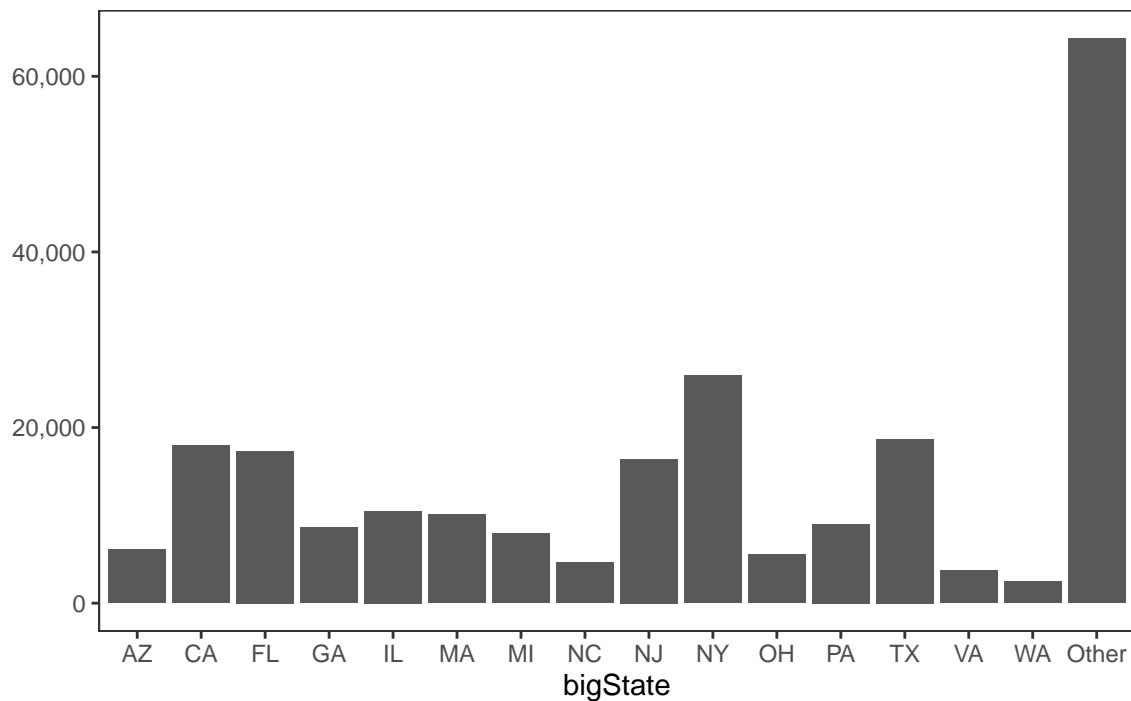


## State Data

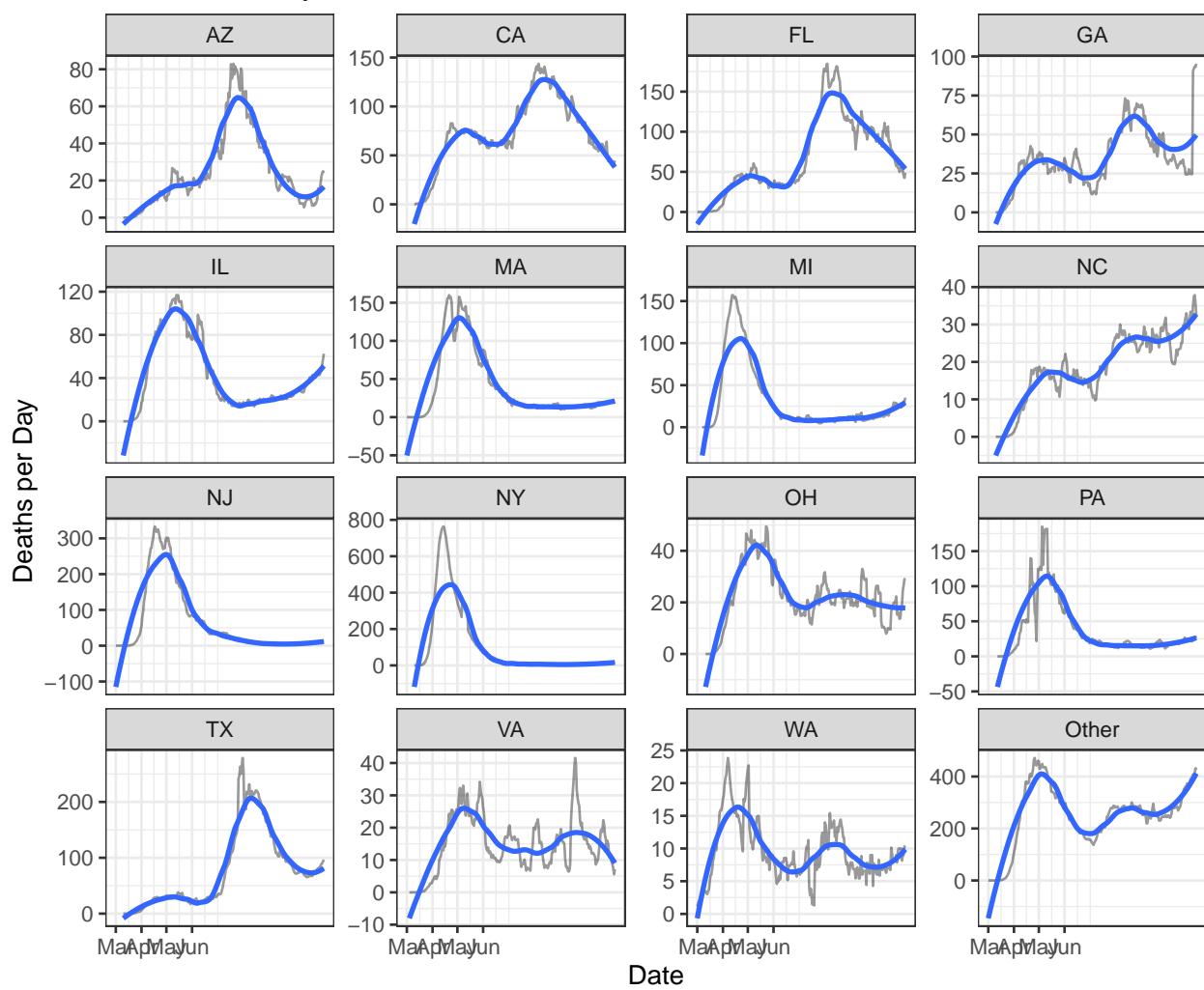
This section summarizes state-level data. Most data are reported for the largest 15 states by population, which account for NaN percent of the total U.S. population.

### Deaths

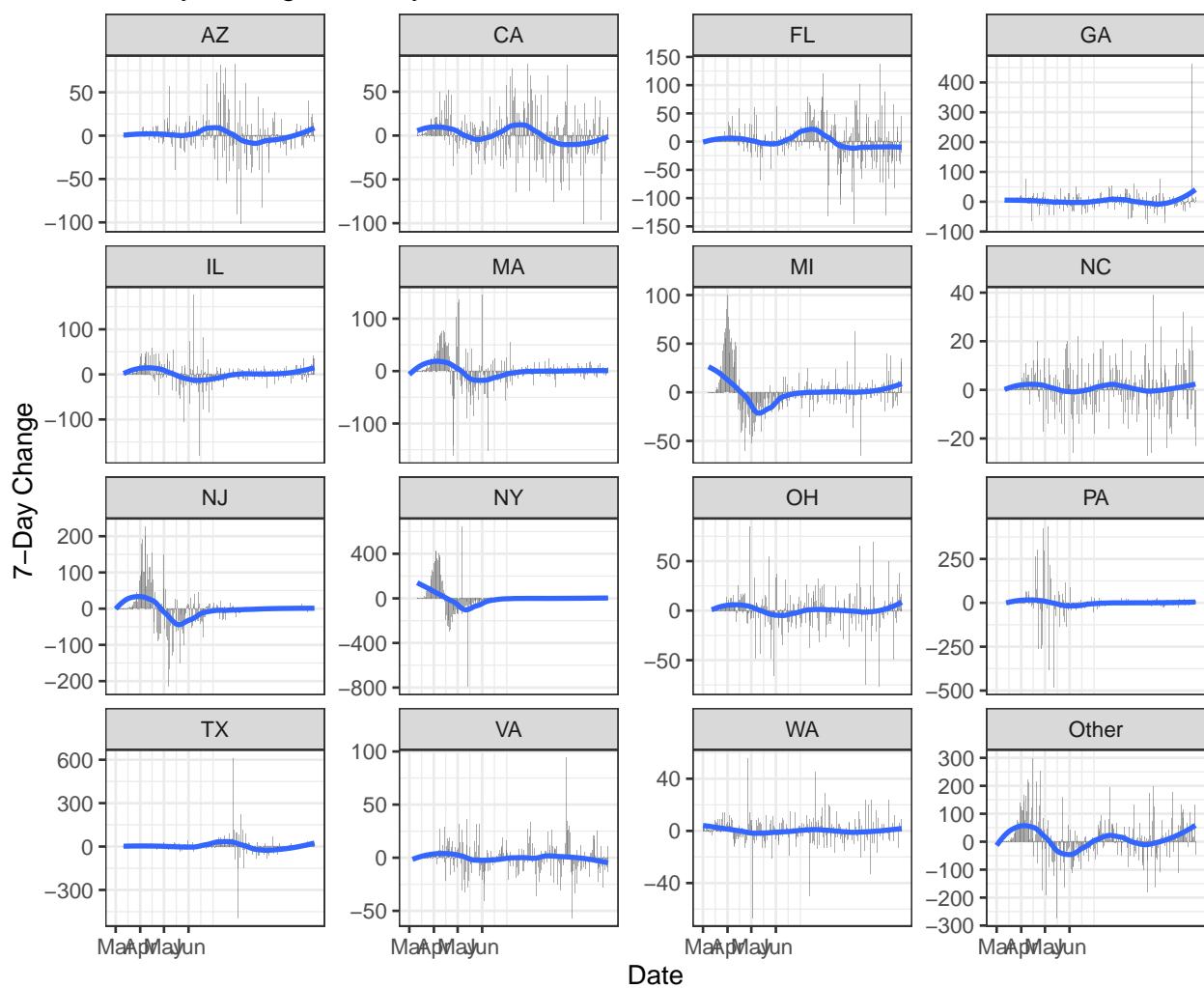
Deaths by State

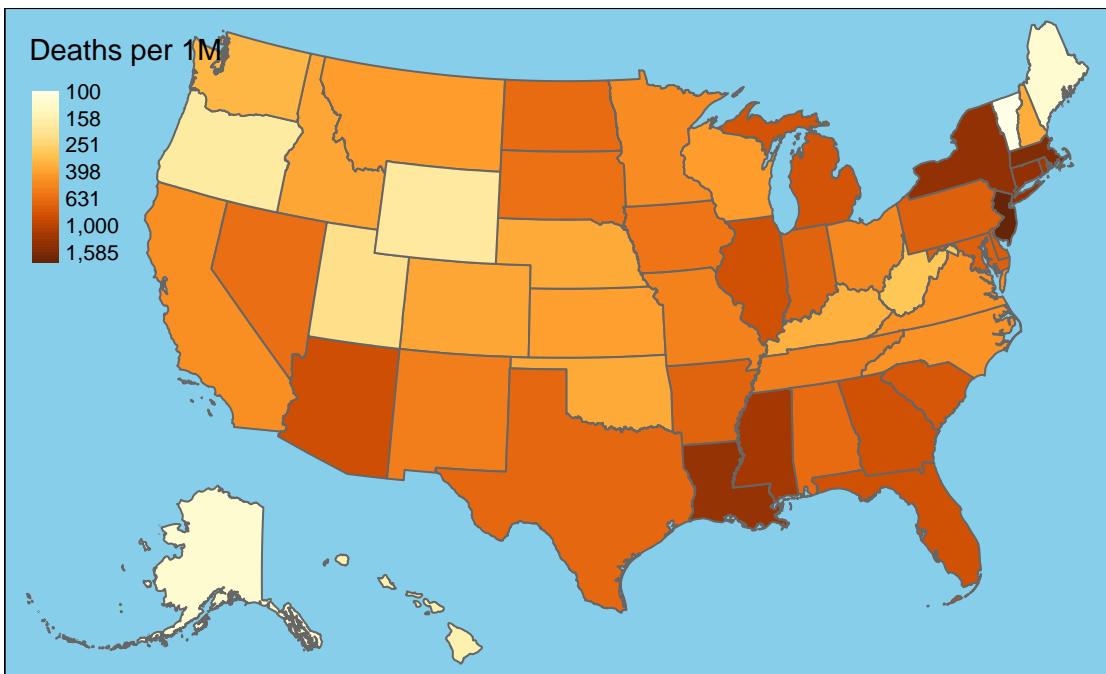
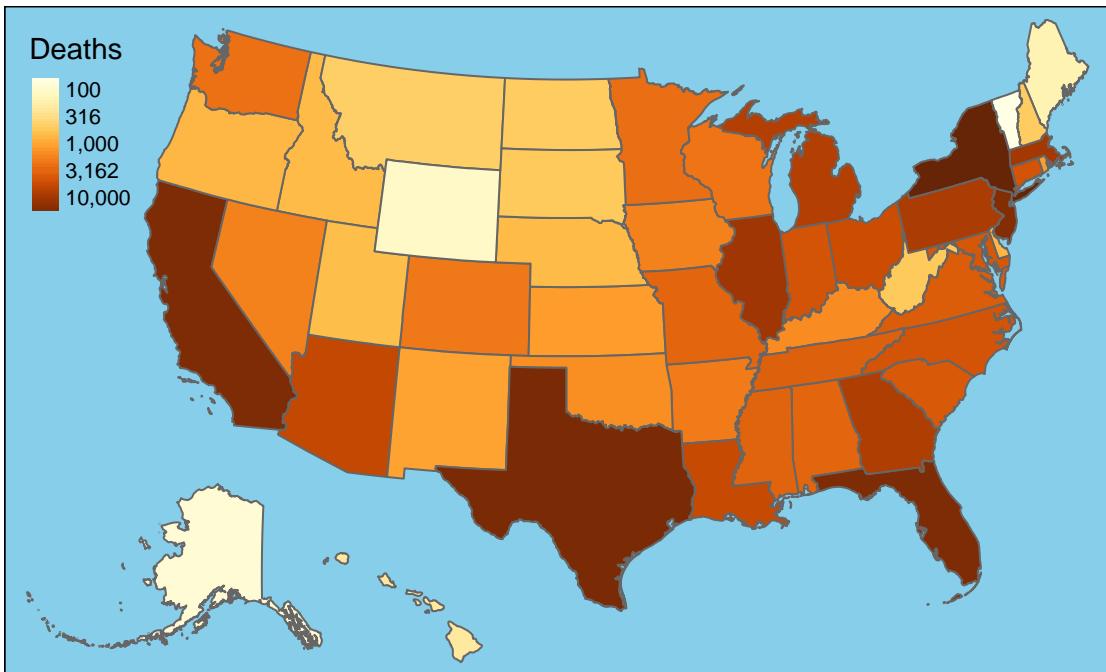


## New Deaths by State



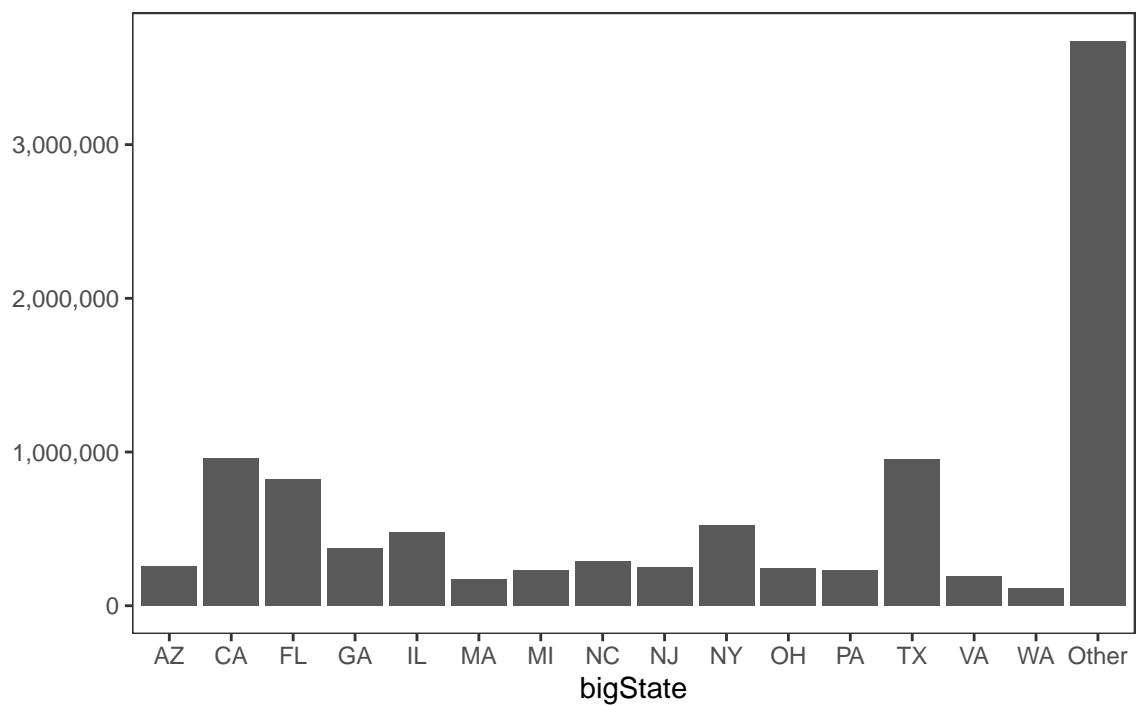
### 7-Day Change in Daily Deaths



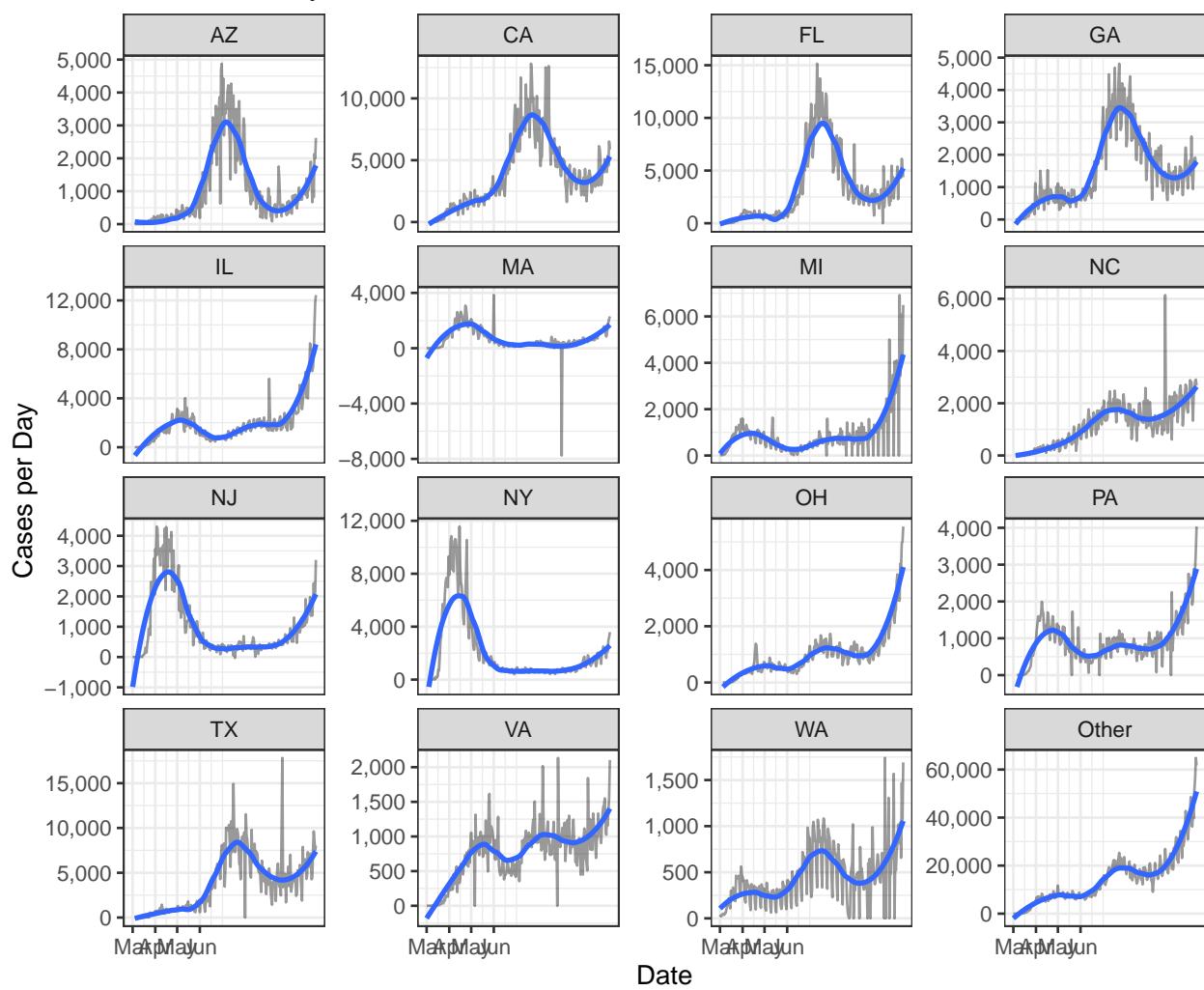


Cases

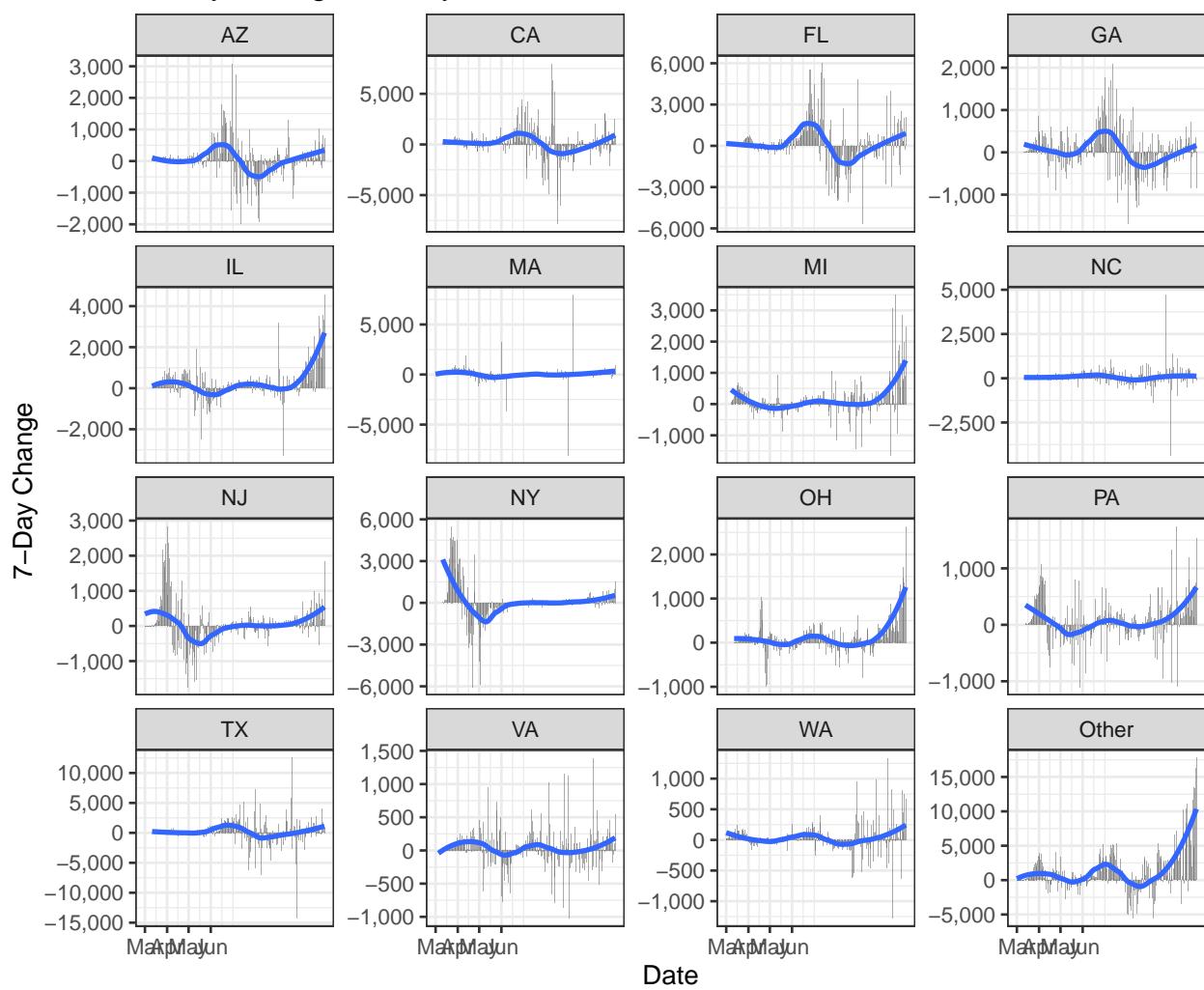
### Cases by State

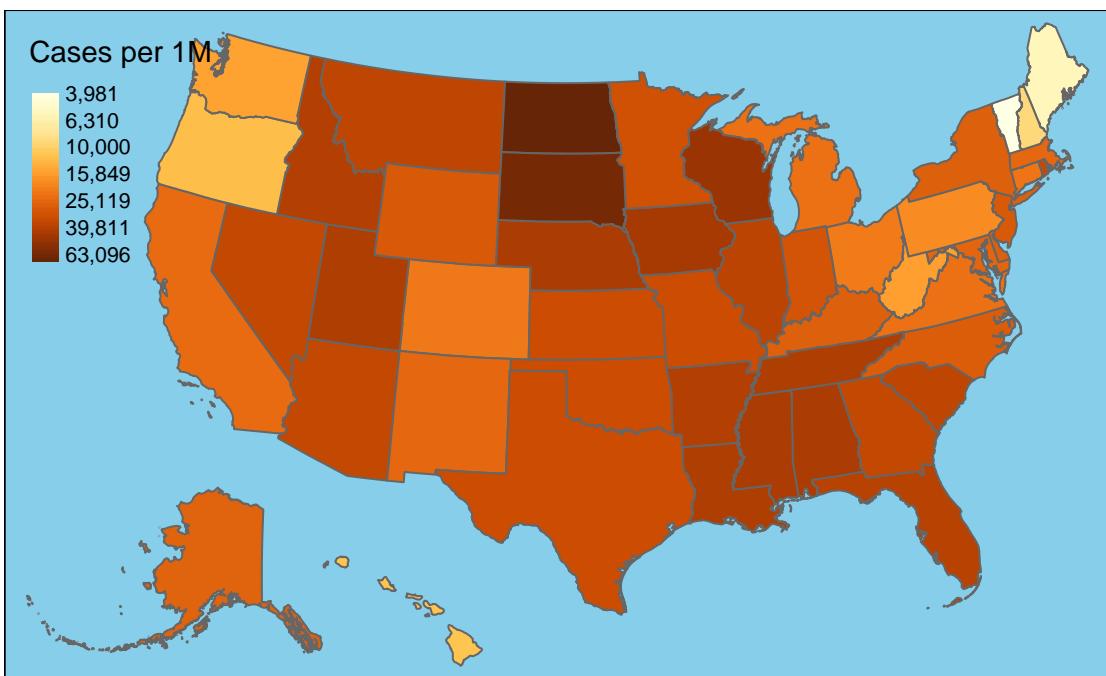
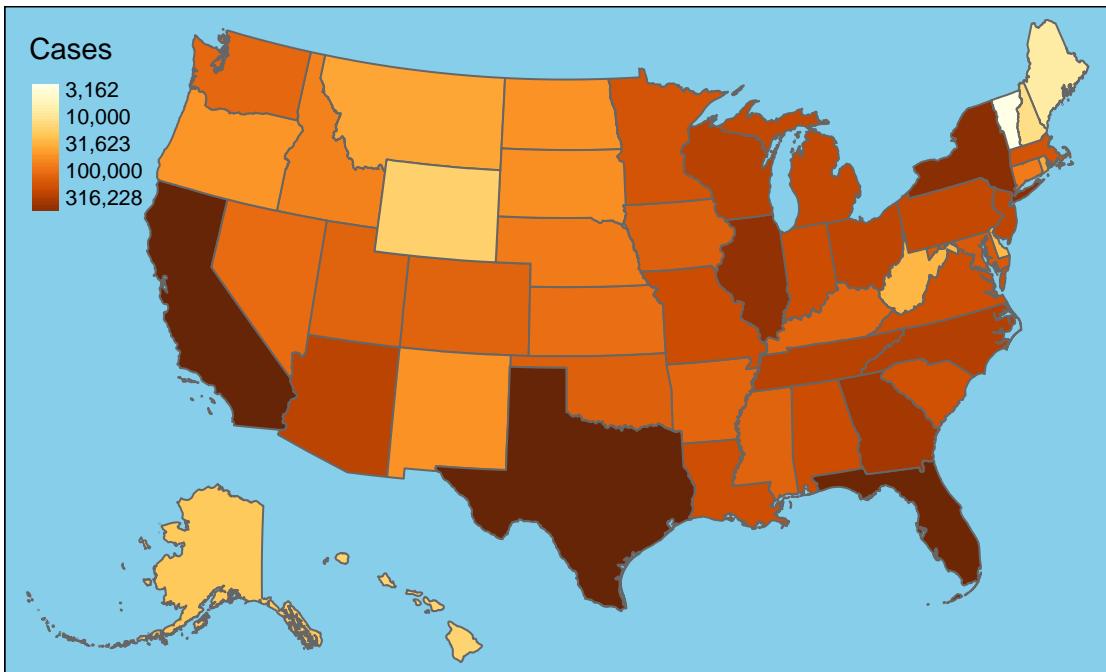


## New Cases by State



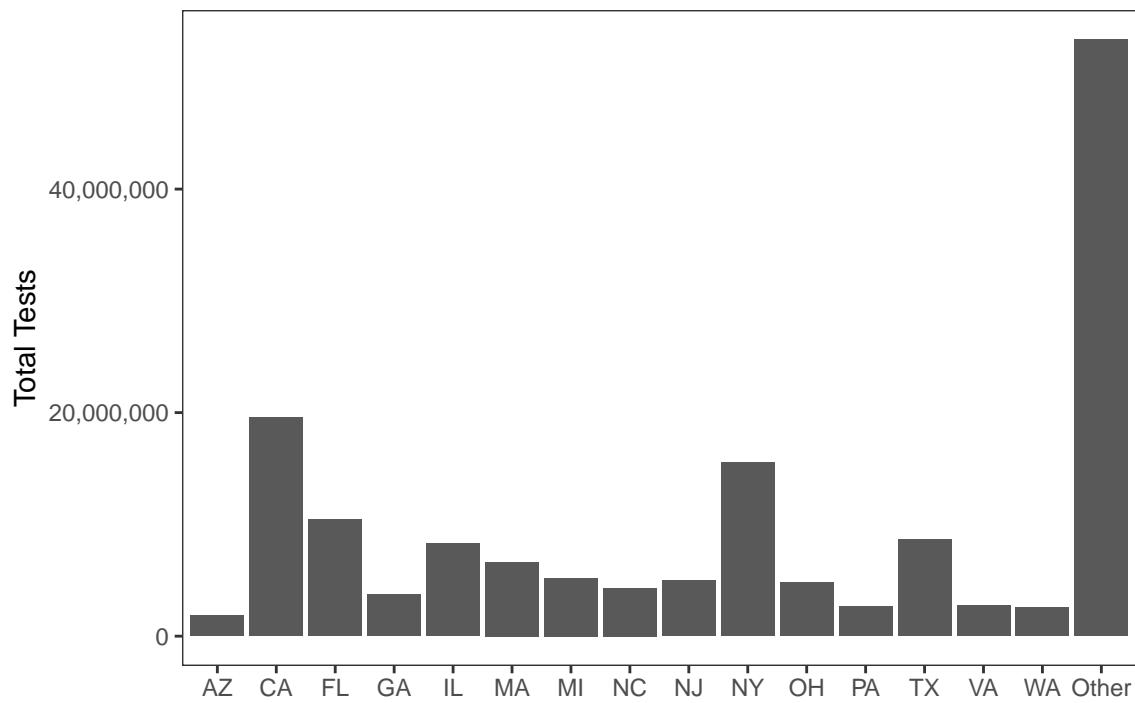
## 7-Day Change in Daily Cases



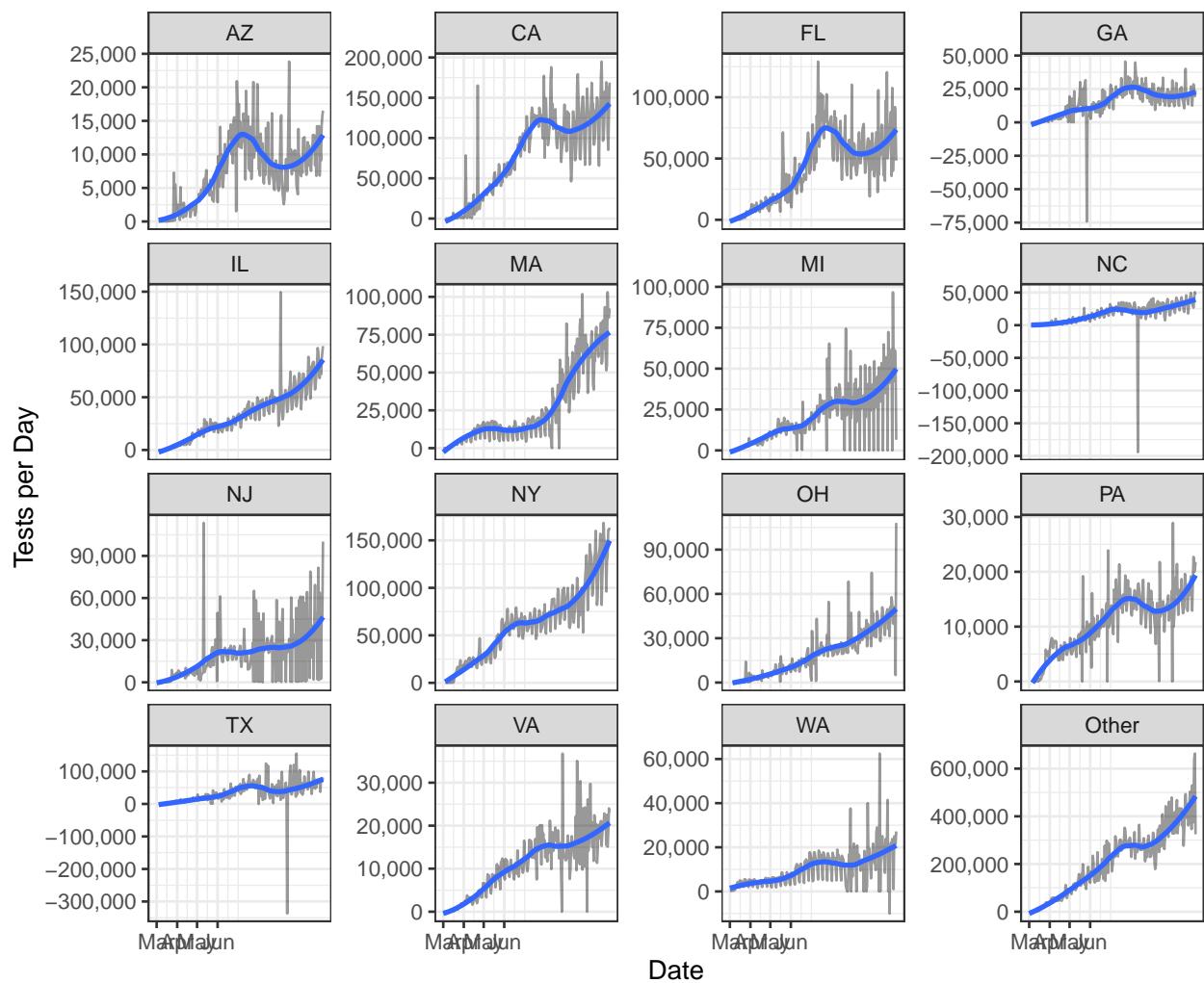


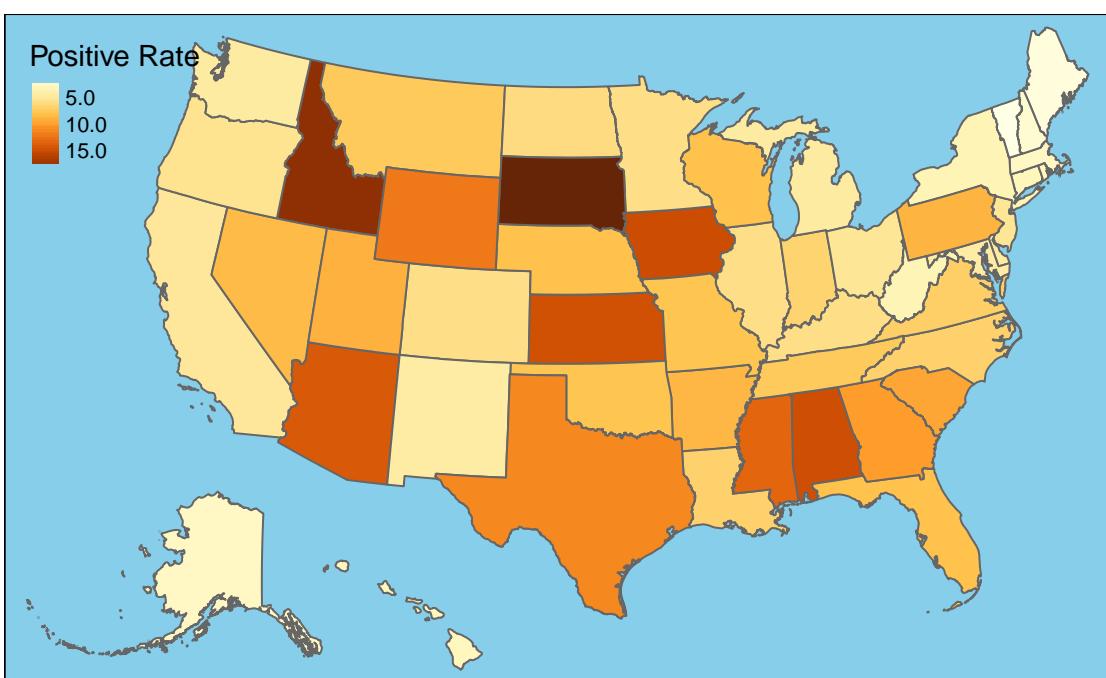
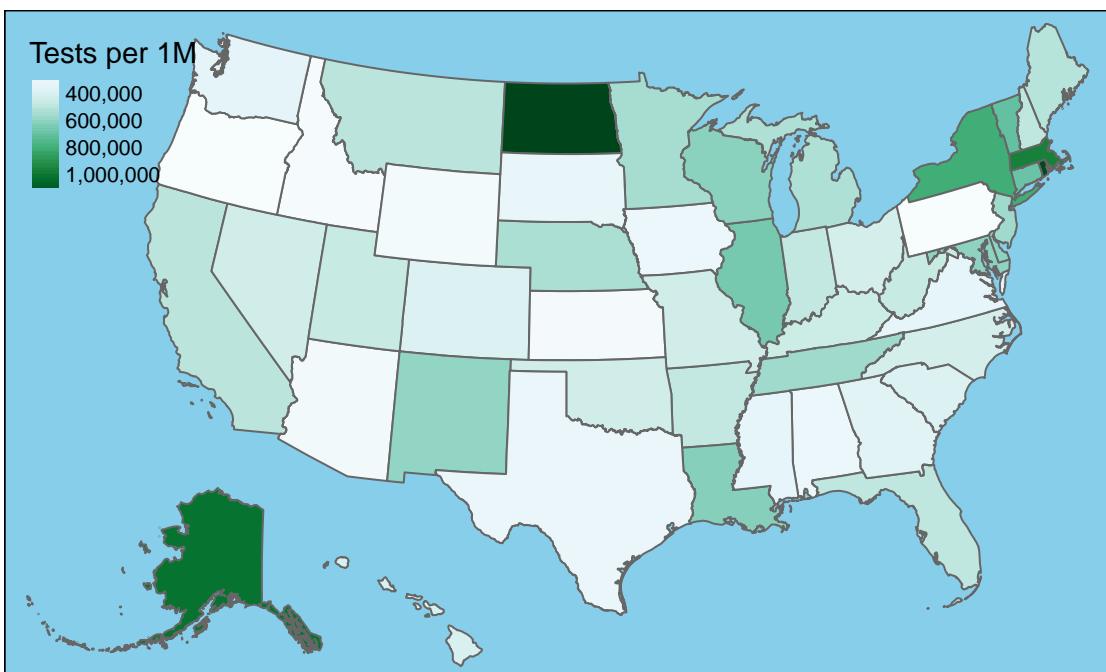
## Testing

### Tests by State

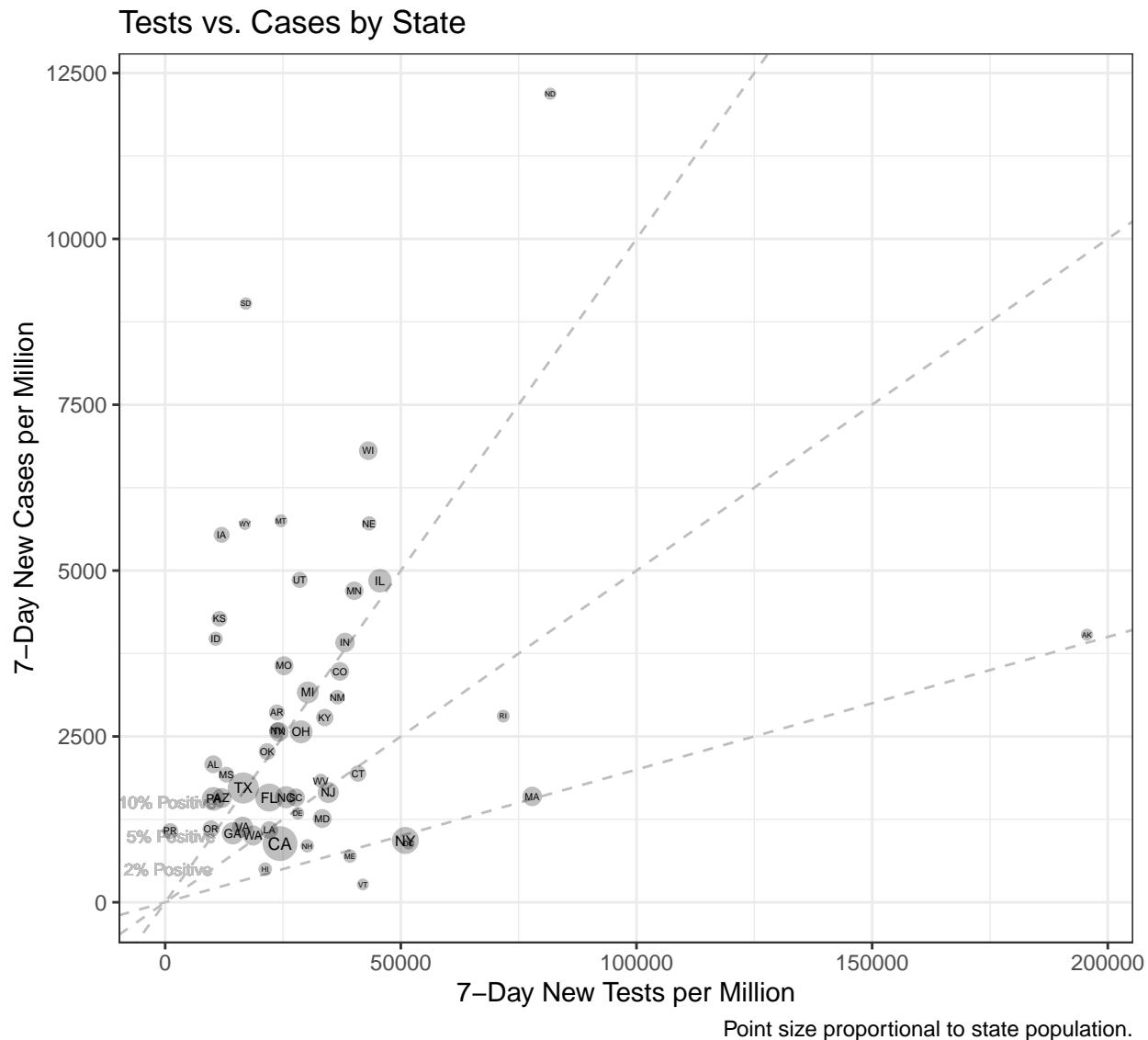


## New Tests by State





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.



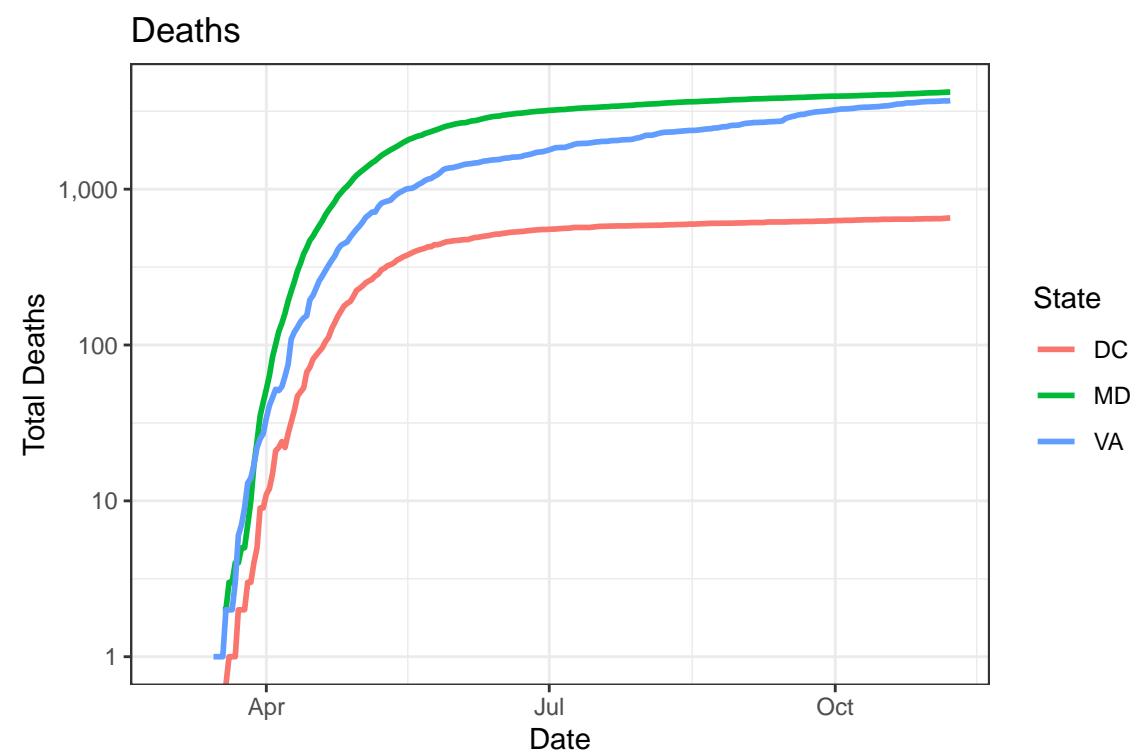
## Local Data

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

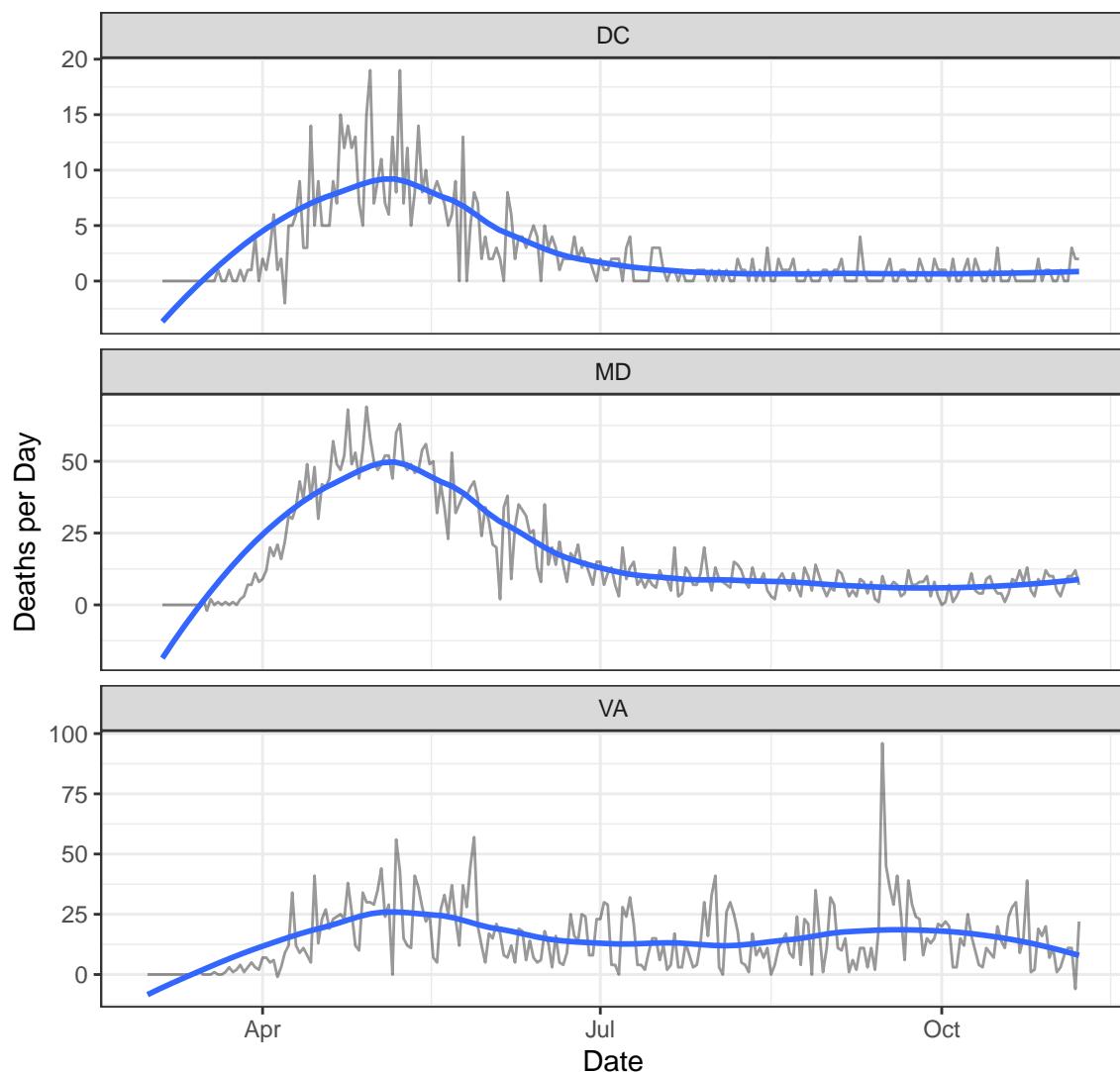
Table 3: Latest Local Data

State	Cases	Deaths	New Cases	New Deaths
DC	17,891	654	99	2
MD	152,915	4,201	1,410	7
VA	190,873	3,704	2,103	22

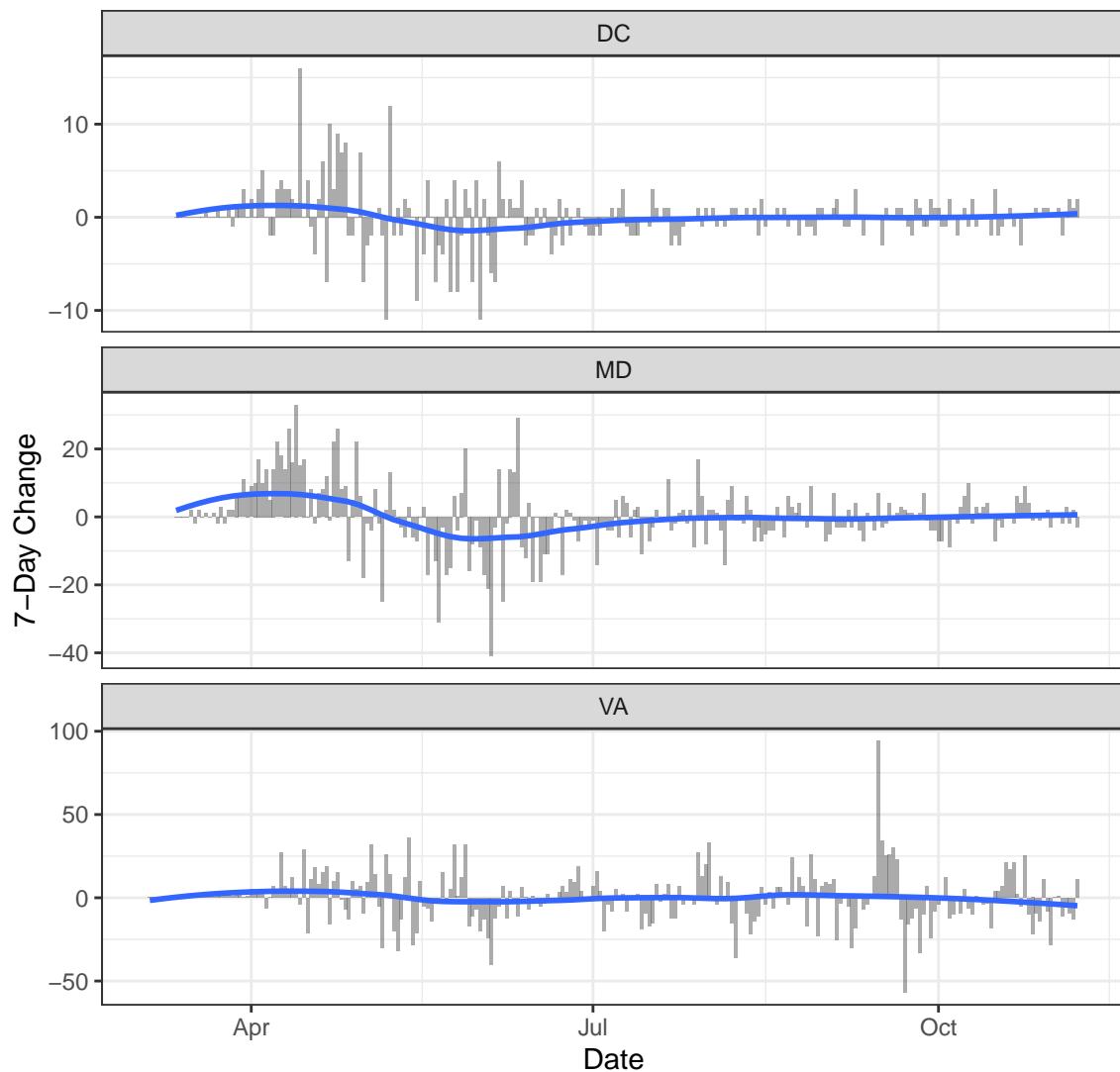
## Deaths

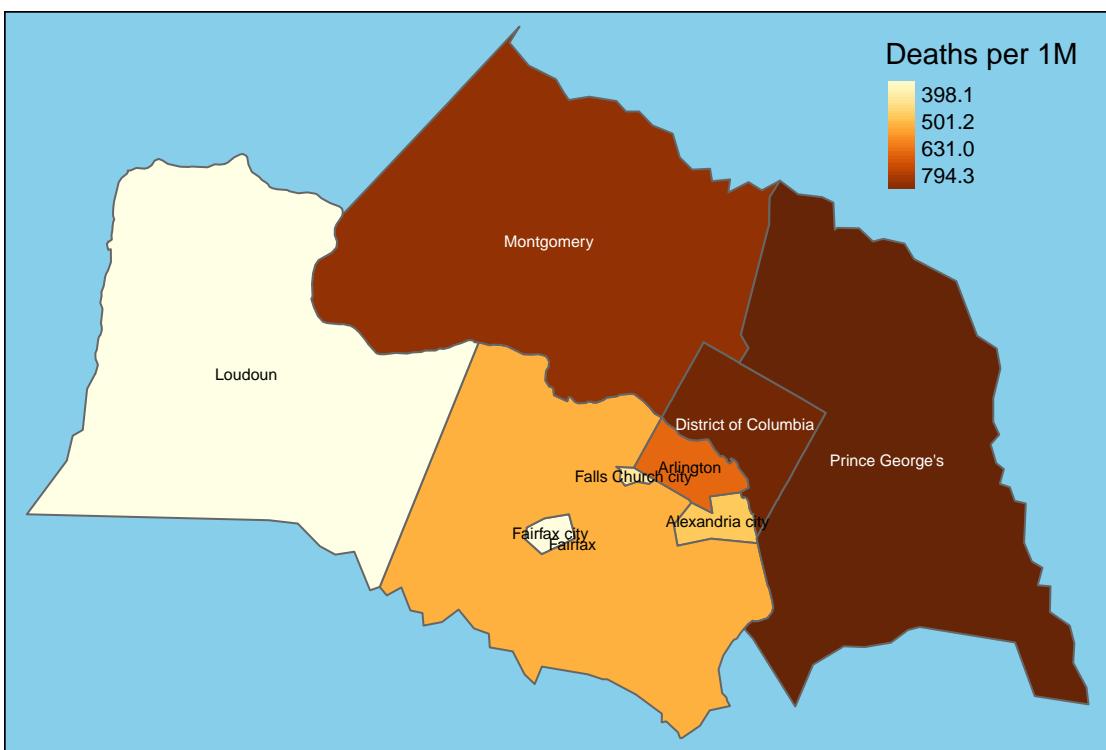
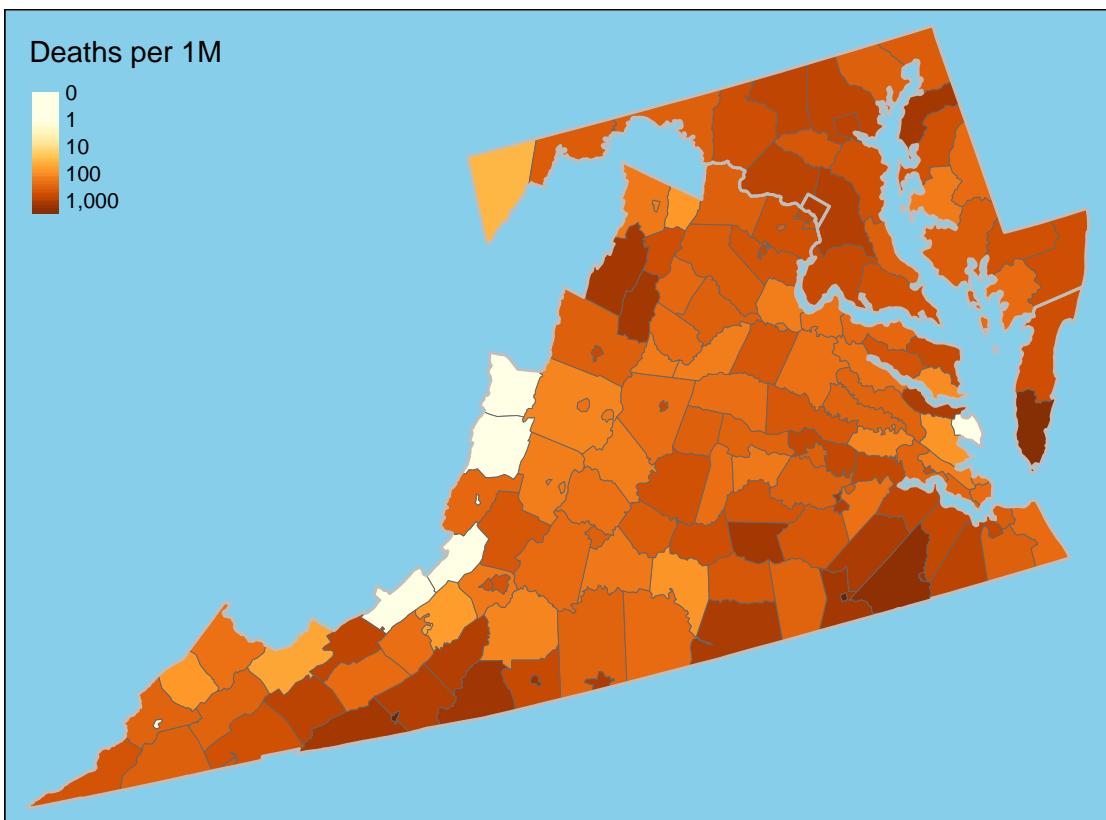


## New Deaths

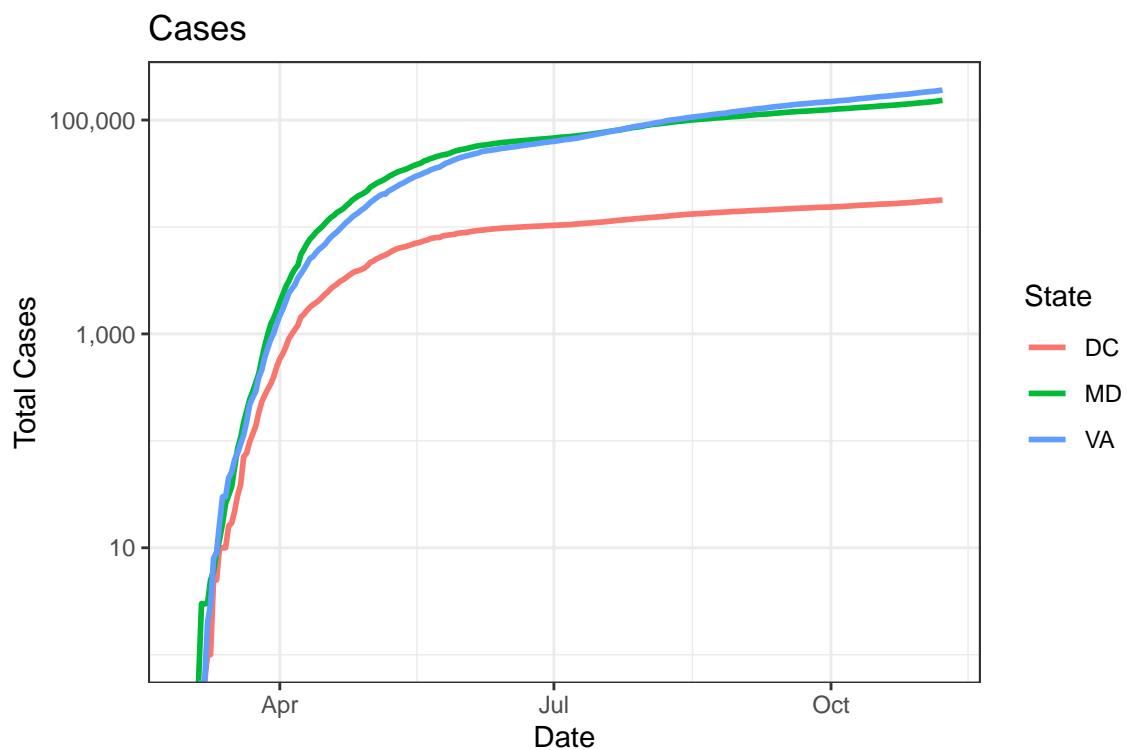


## One-Week Change in Daily Deaths

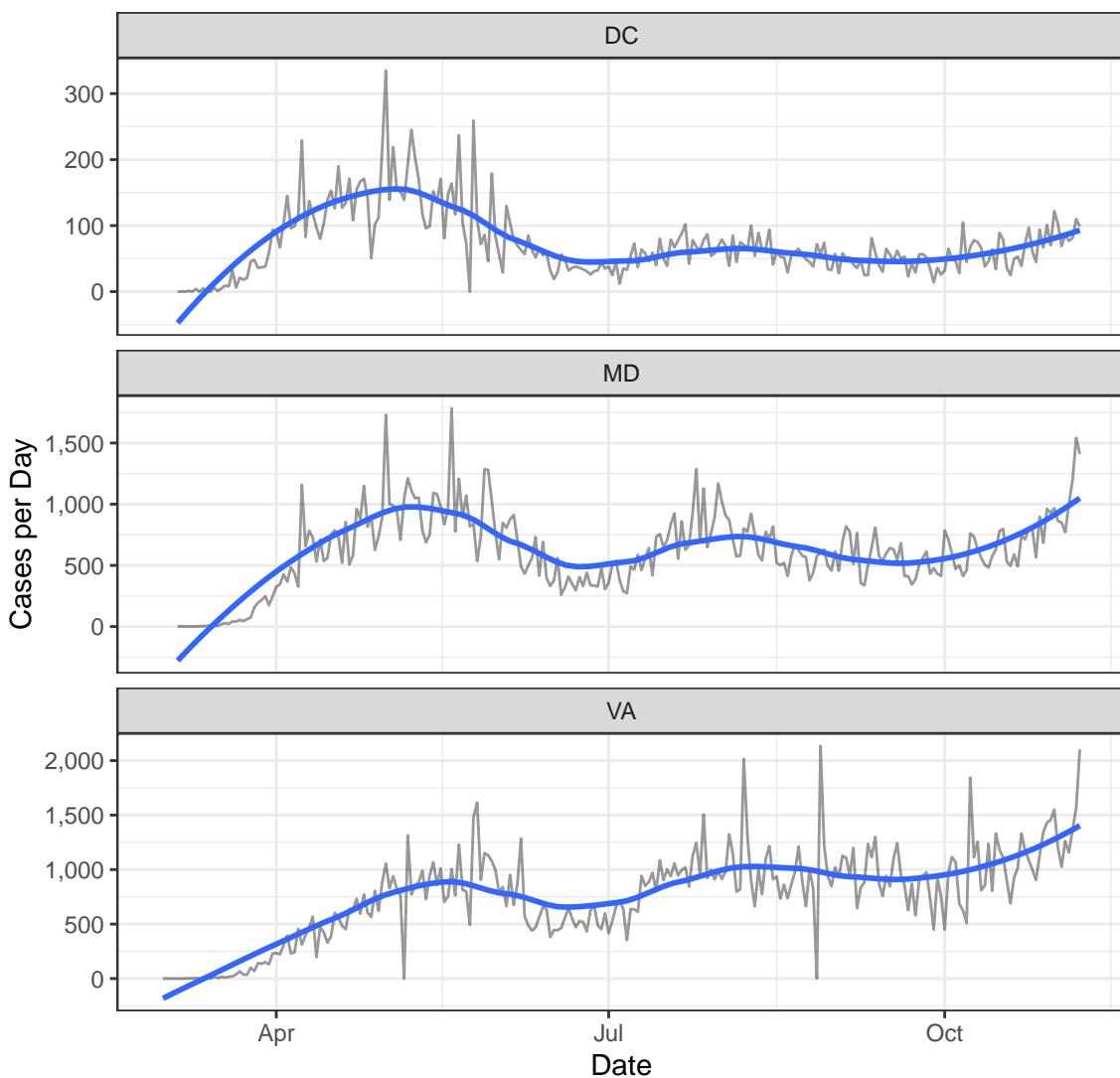




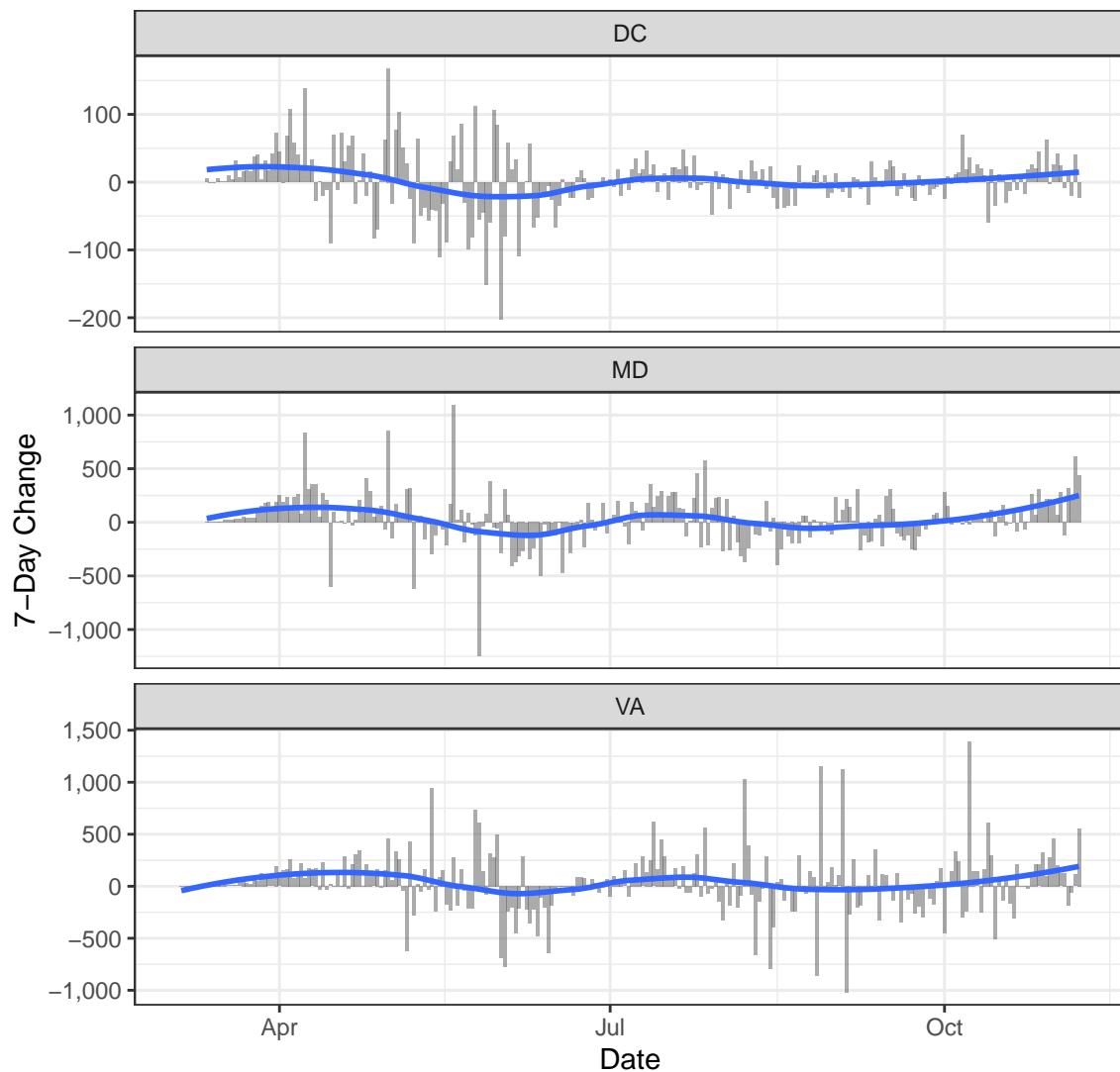
Cases

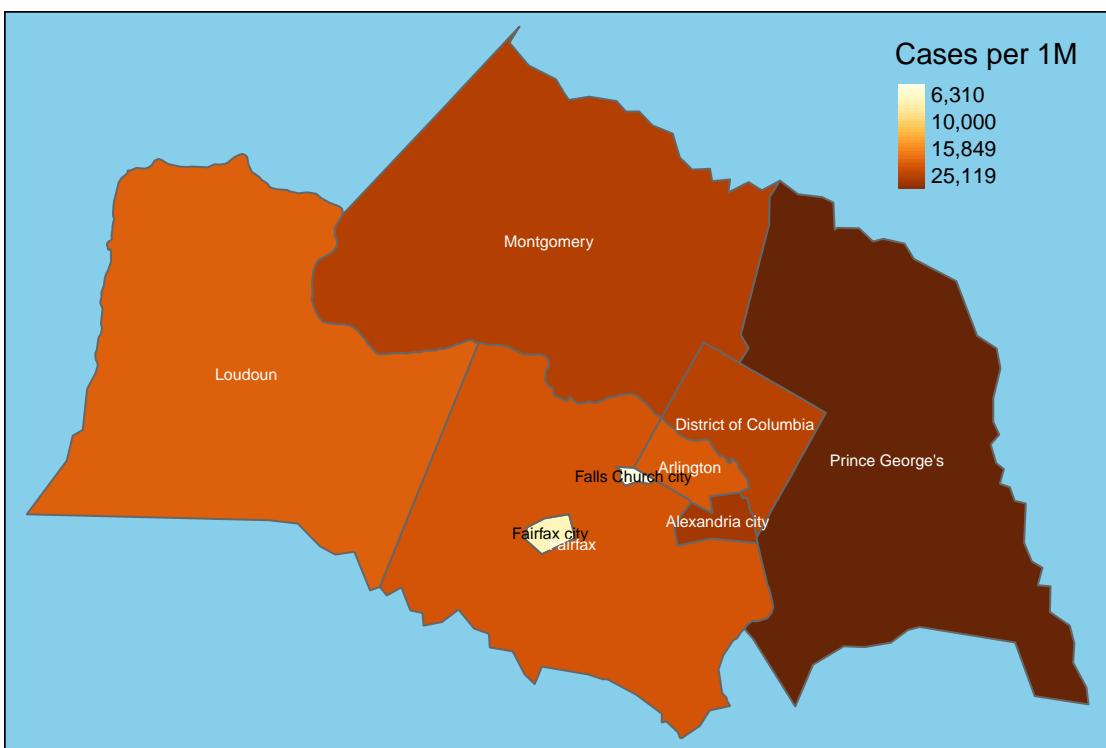
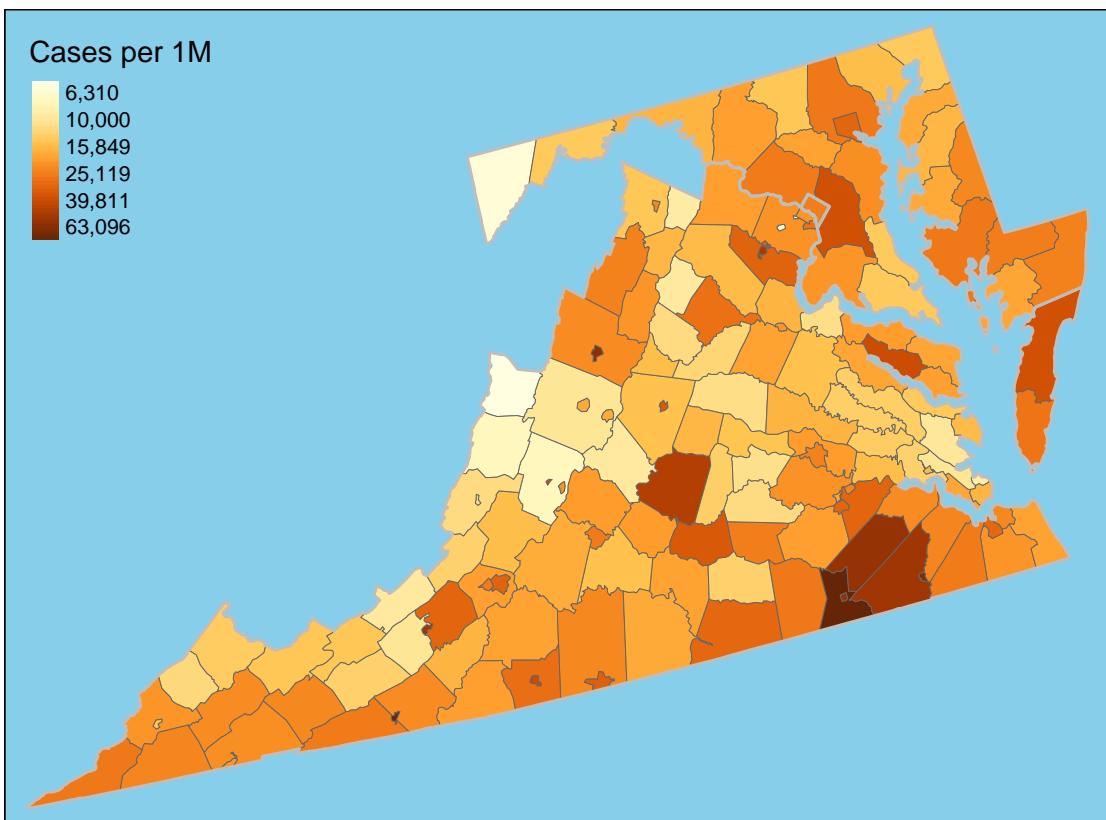


## New Cases

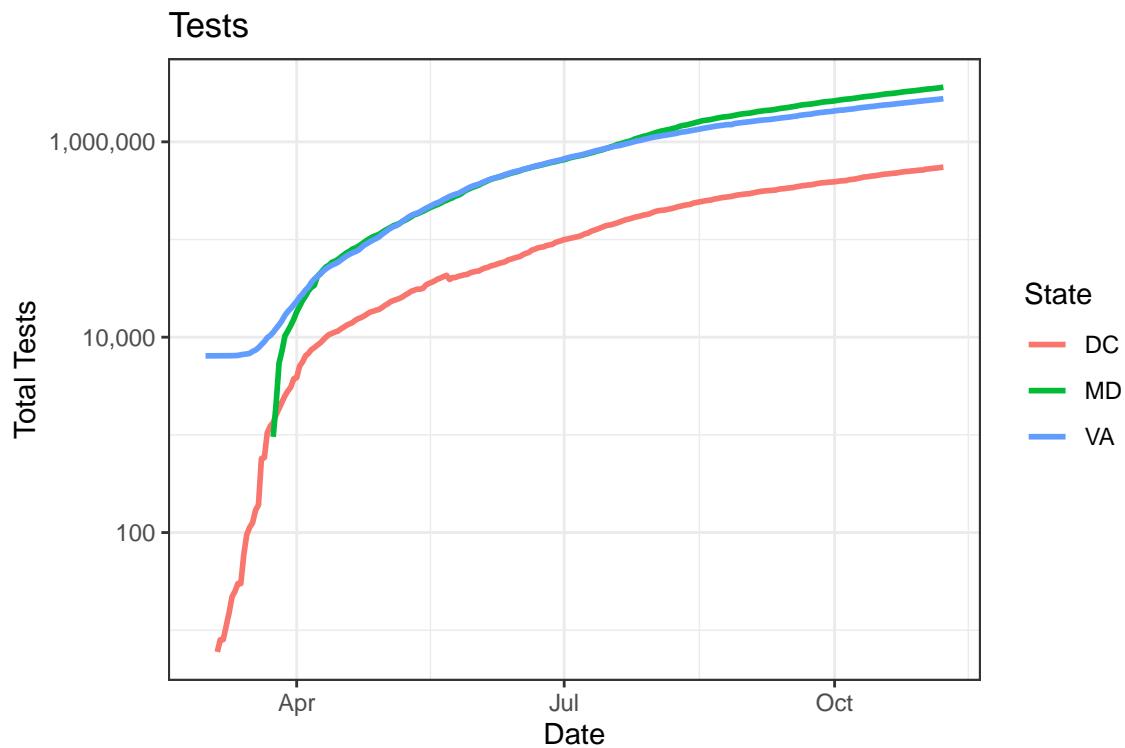


## One-Week Change in Daily Cases

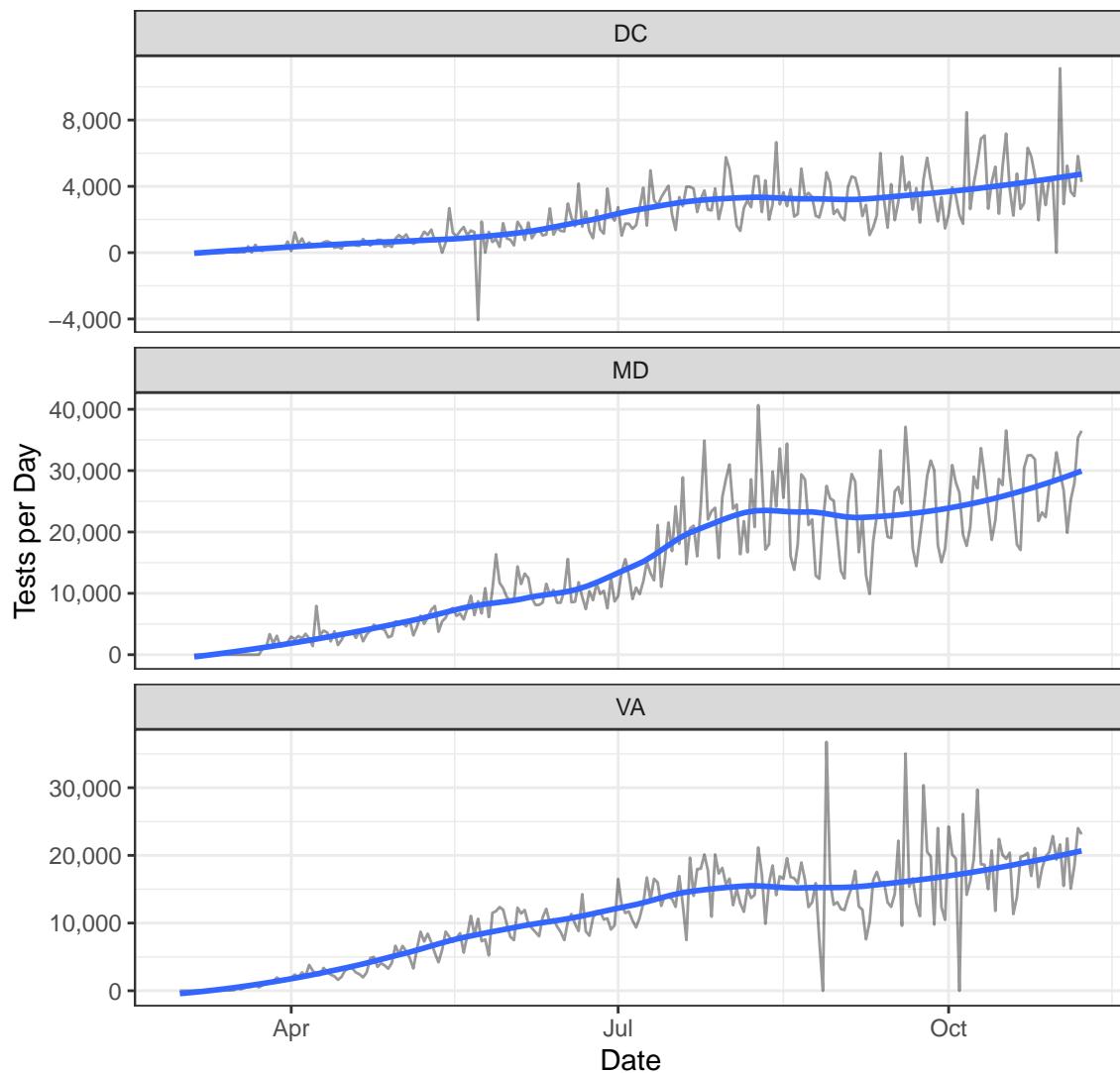




## Testing



## New Tests



## Positive Test Rate

