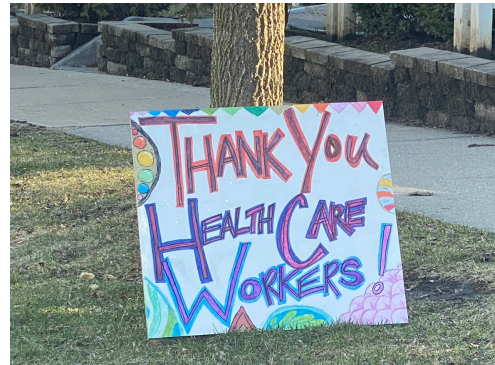
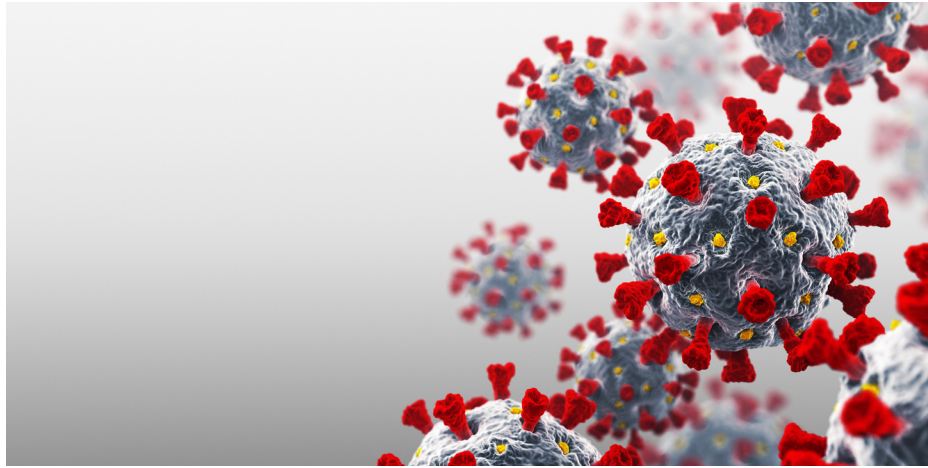
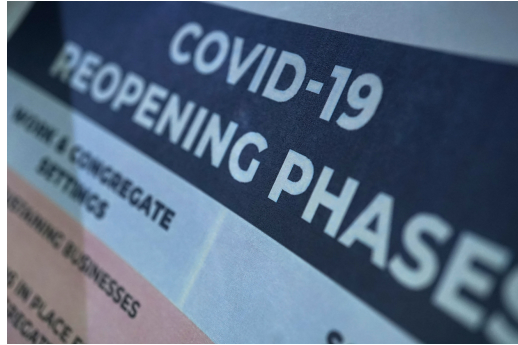




# COVID-19 Report

Friday, July 10, 2020

# Today's Highlights

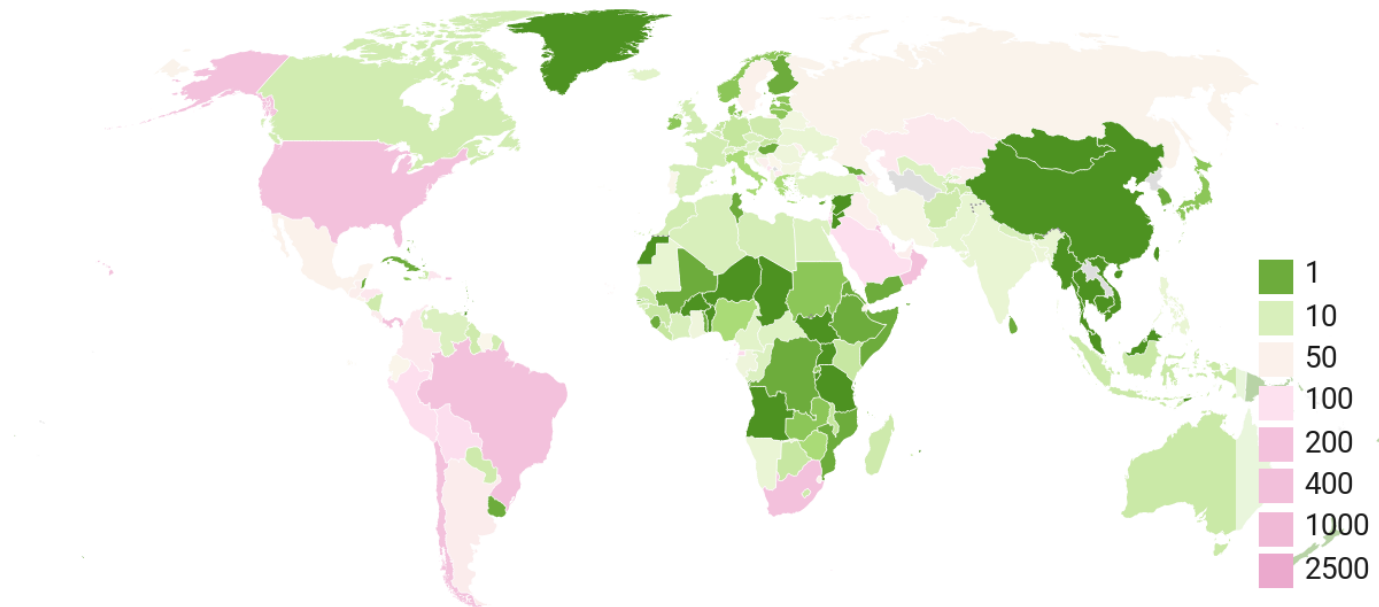
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- New cases were high again in the United States, with 61,067 reported on Thursday. This was the second consecutive day with more than 60,000 cases.
- The same states led the surge in new cases: Texas recorded more than 11,000; Florida nearly 9,000; California more than 7,000; and, Arizona more than 4,000
- Arizona, Florida and Texas continue to report high (and, increasing) test-positive rates; California's rate is relatively low and declining
- A significant distinction has emerged in state-by-state experiences with new infection rates: 25 states have experienced their highest rate of new infections within the past week; 22 states have gone more than 45 days since their peak infection rate
- Test volume rose above 600,000 for the day and the test-positive rate dropped below 10% to 9.8% for the day
- Deaths were high (960) by recent standards, for the third consecutive day. After trending downward since mid- to late-March, the 7-day moving average has been essentially level since the third week of June.
- Recoveries to-date outnumber deaths by 10.5:1
- Hospitalizations, which had been declining since at least mid-March, have now been increasing for the past 3 weeks. These have not been increasing, however, as fast as new cases during this time.
- The age distribution of these hospitalized patients has been trending younger since the end of April
- Additionally, the severity of these hospitalizations seems to be diminishing, as the % of patients on ventilators and in the ICU are declining
- While the United States is experiencing significantly numbers of new cases each daily, its % change in cases per day ranks 8th among the 30 countries with the most total cases.
- Testing per capita in the United States over the past week is second only to the UK among the countries

# United States and South America are now at the center of the virus spread

## New Infections / 1 Million Population

Trailing 7-Day Moving Average, As of July 9



*Health Industry Advisor LLC analysis*

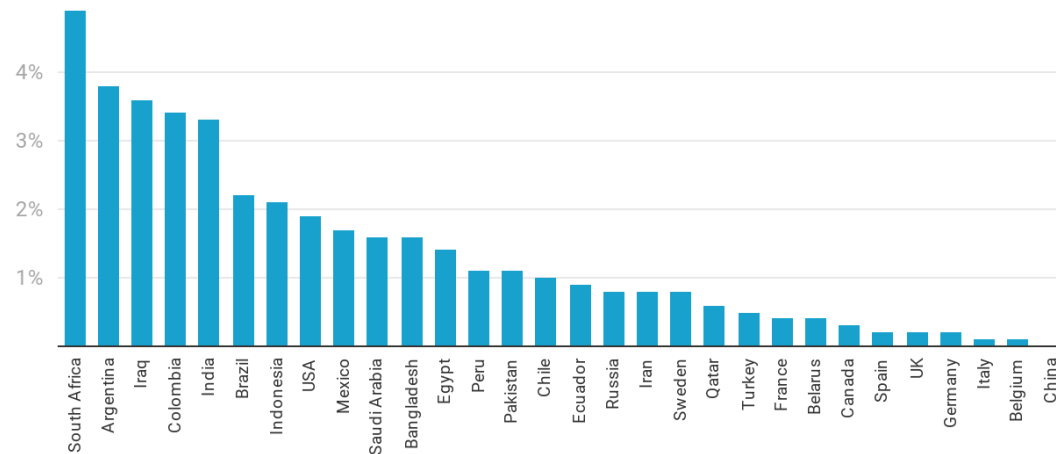
Map: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

## Countries With Most Total Cases

United States is testing more than all except the UK; Rate of case increase in the US is 8<sup>th</sup> highest among the top 30

### Daily Change (%) in Total Cases

30 Countries With Most Total Cases, Trailing 5-Day Moving Average, As of July 9

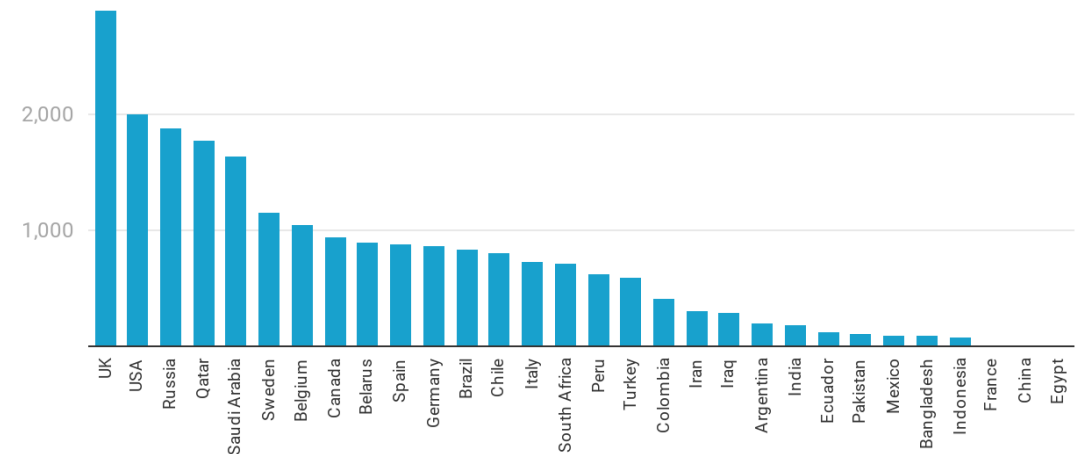


Health Industry Advisor LLC analysis

Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

### Daily Tests Per 1 Million Population

30 Countries With Most Total Cases, Trailing 7-Day Moving Average, As of July 9



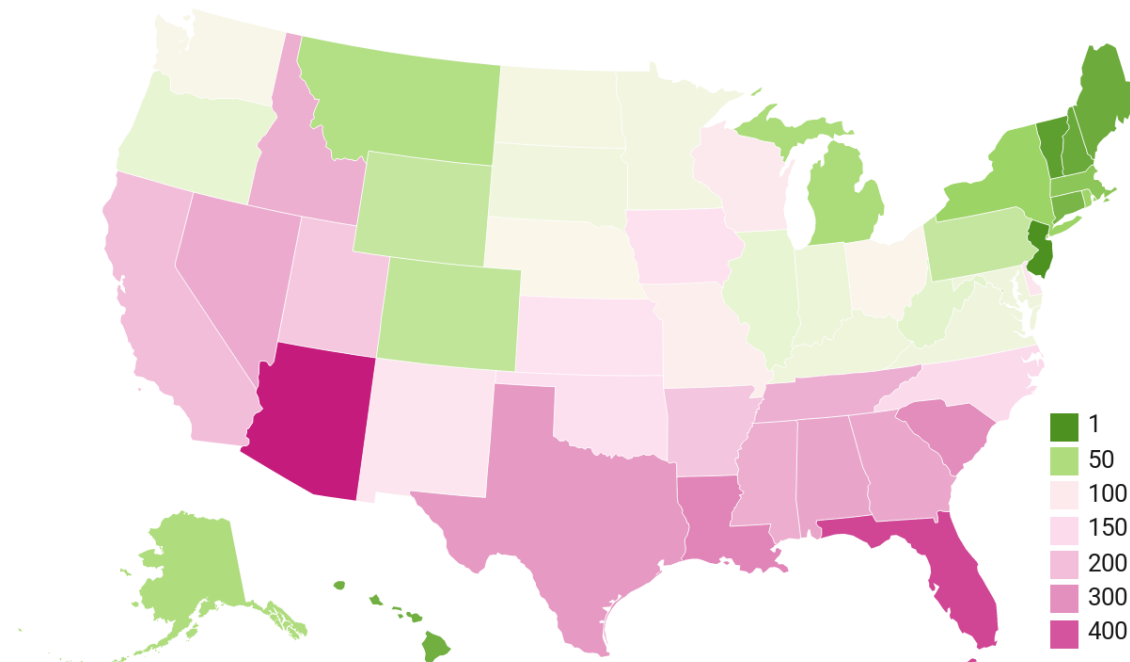
Health Industry Advisor LLC analysis

Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

# States in the South and West are experiencing the highest infection rates

## New Infections Per 1 Million Population

Trailing 7-Day Moving Average, As of July 9

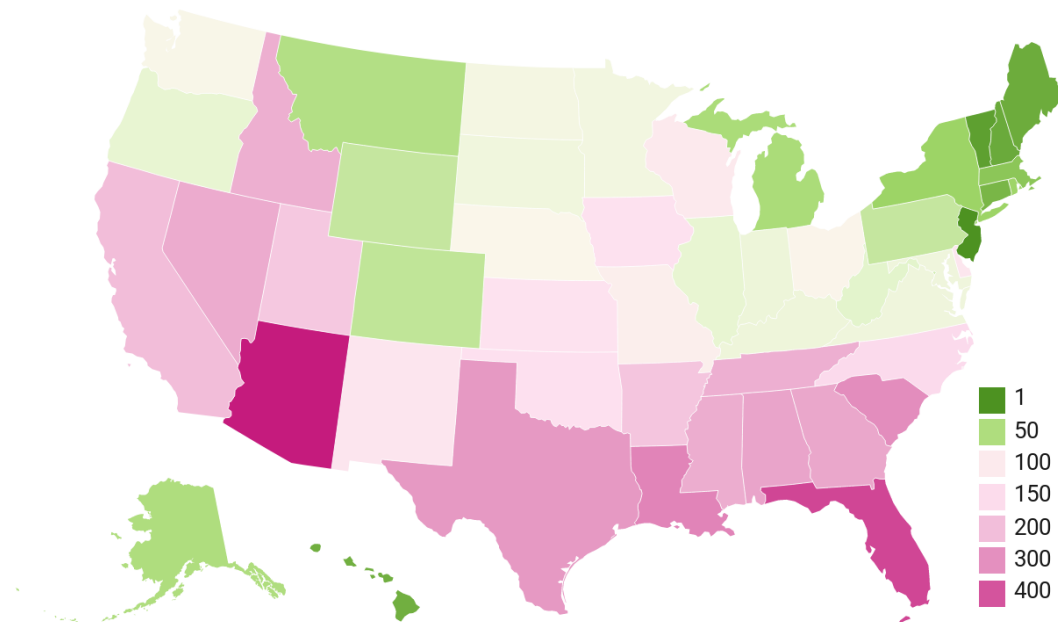


Health Industry Advisor LLC analysis

Map: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

### New Infections Per 1 Million Population

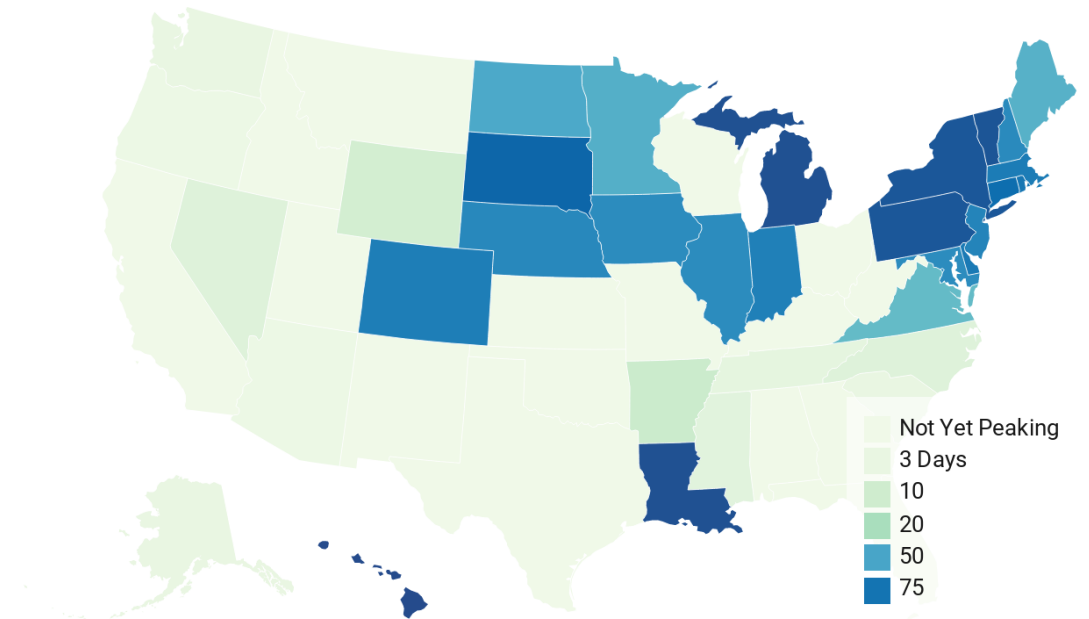
Trailing 7-Day Moving Average, As of July 9



Health Industry Advisor LLC analysis

Map: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

### Days Since Peak New Infections Per Capita



Health Industry Advisor LLC analysis

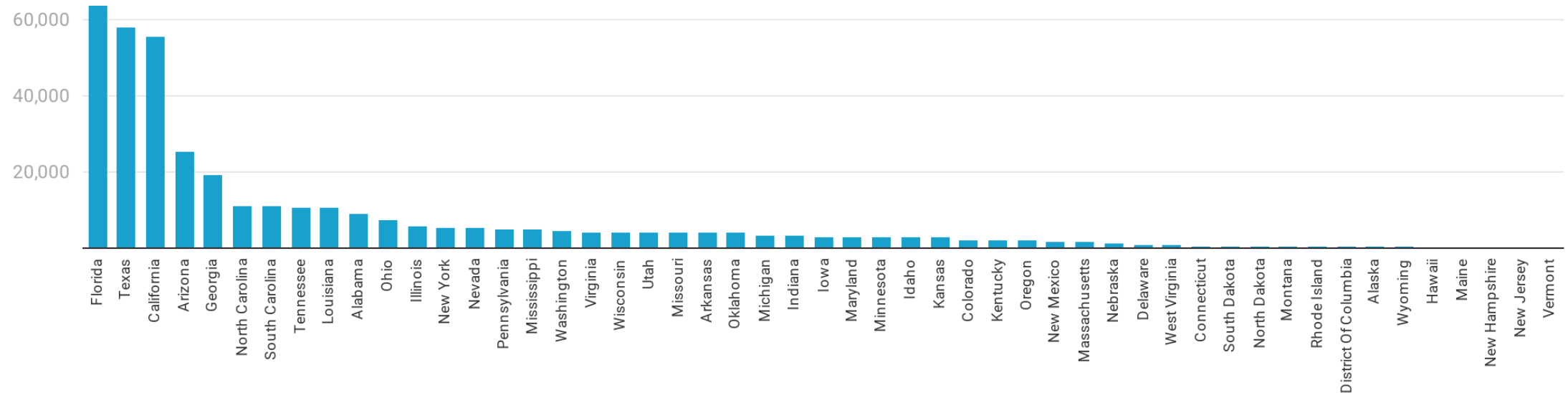
Map: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

## State-By-State

Florida, Texas, California and Arizona continue to post the majority of new cases in the United States

### New Cases

July 3 - 9



Health Industry Advisor LLC analysis

Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

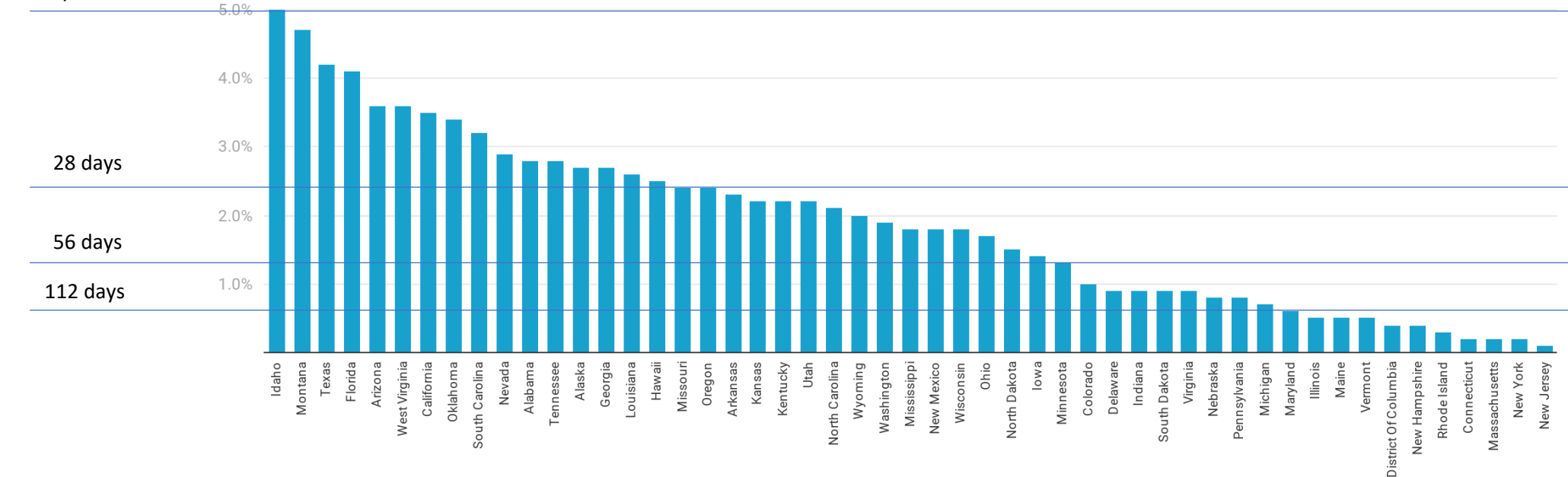


At current rates, cases are doubling every 14-15 days in Idaho; every 542 days in New Jersey

### Growth Rate in Total Cases

Trailing 5-Day Moving Average

14 days to double



Health Industry Advisor LLC analysis

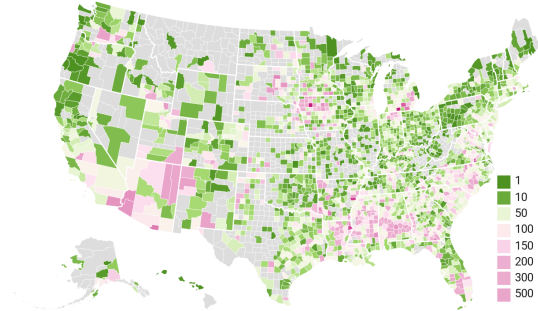
Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper



# New Infections have spread quickly across the South in the past few weeks. . .

**New Daily Infections Per Million Population**

Trailing 7-Day Moving Average, As of June 10



Health Industry Advisor LLC analysis  
Map: Health Industry Advisor LLC • Source: New York Times • Created with Datawrapper

4 weeks ago

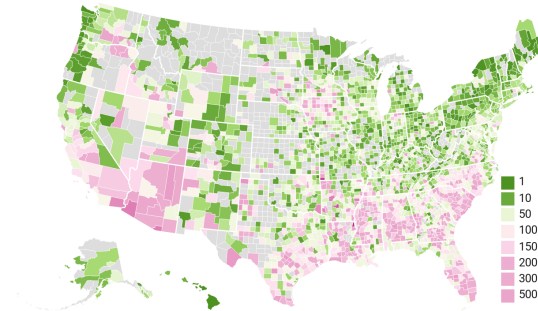


2 weeks ago



**New Daily Infections Per Million Population**

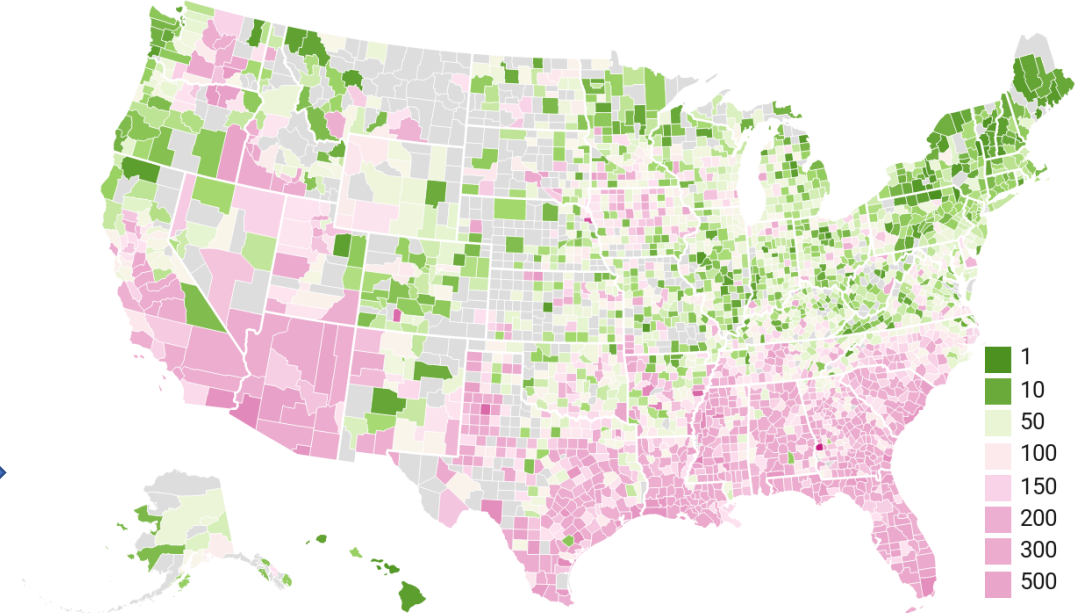
Trailing 7-Day Moving Average, As of June 24



Health Industry Advisor LLC analysis  
Map: Health Industry Advisor LLC • Source: New York Times • Created with Datawrapper

**New Daily Infections Per Million Population**

Trailing 7-Day Moving Average, As of July 8

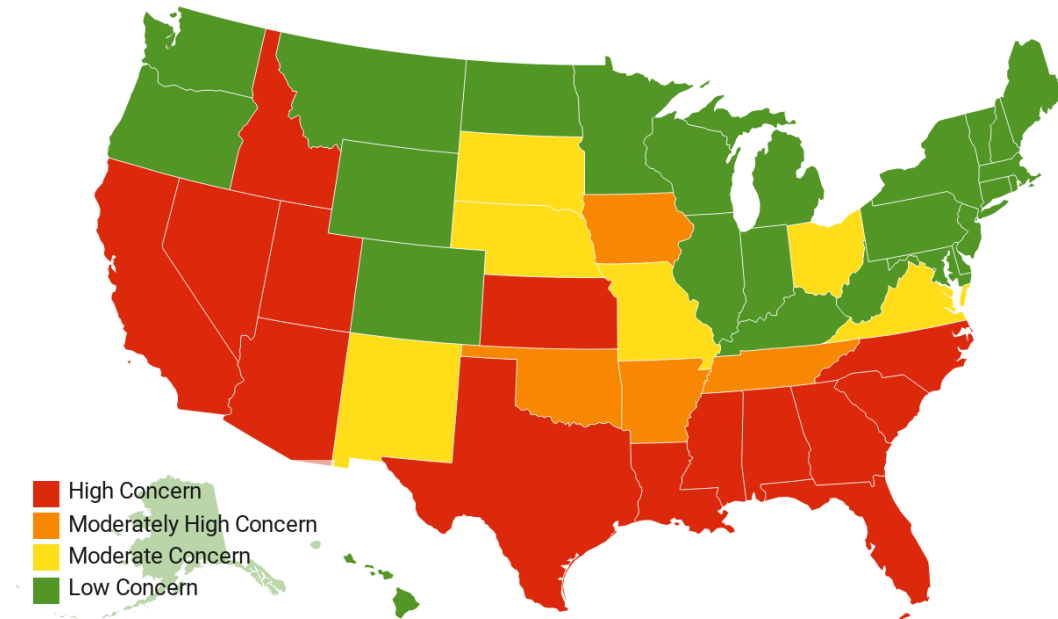


Health Industry Advisor LLC analysis

Map: Health Industry Advisor LLC • Source: New York Times • Created with Datawrapper

## Scorecard

As of July 2

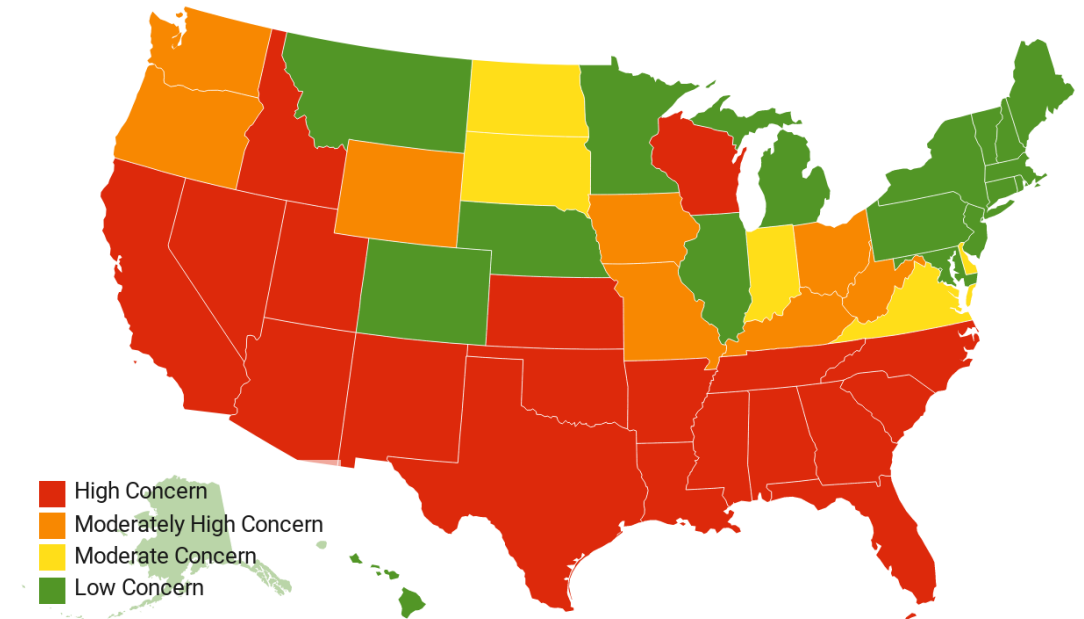


Scoring based on new infection, test-positive, hospitalization and case growth rates

Map: Health Industry Advisor LLC • Created with Datawrapper

## Scorecard

As of July 9



Scoring based on new infection, test-positive, hospitalization and case growth rates

Map: Health Industry Advisor LLC • Created with Datawrapper

# The new infection rate continues to grow . . . New case growth had stabilized but is now increasing

## New Infections Per 1 Million Population - United States

Trailing 7-Day Moving Average, As of July 9

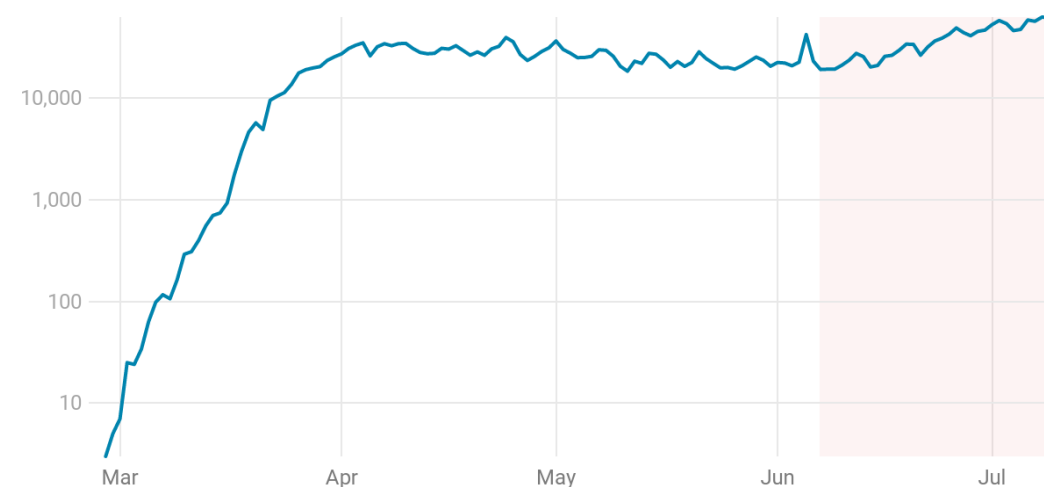


Health Industry Advisor LLC analysis

Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

## New Daily Cases - United States

Log Scale, As of July 9



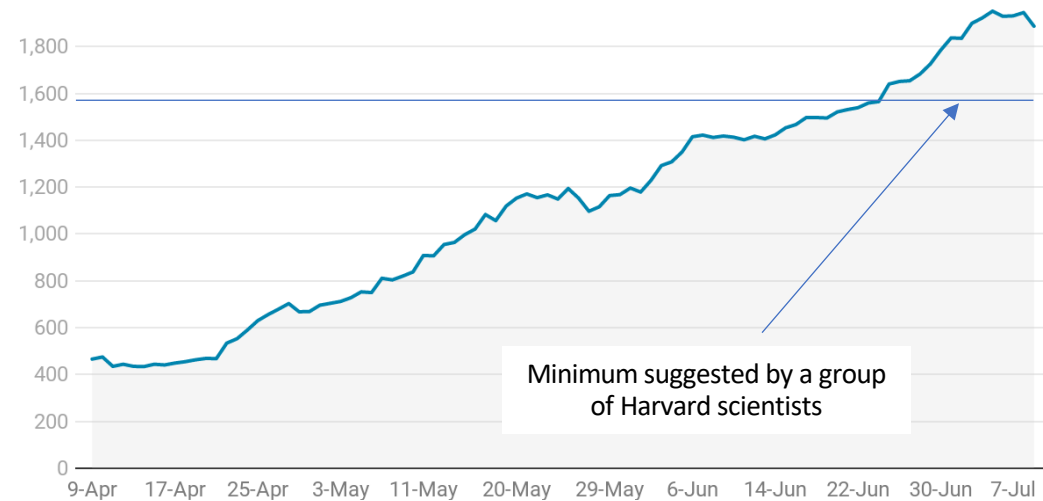
Health Industry Advisor LLC analysis

Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

Testing volumes are increasing however, the test-positive rate also has been increasing recently

### Daily Tests Per 1 Million - United States

Trailing 7-Day Moving Average, As of July 9

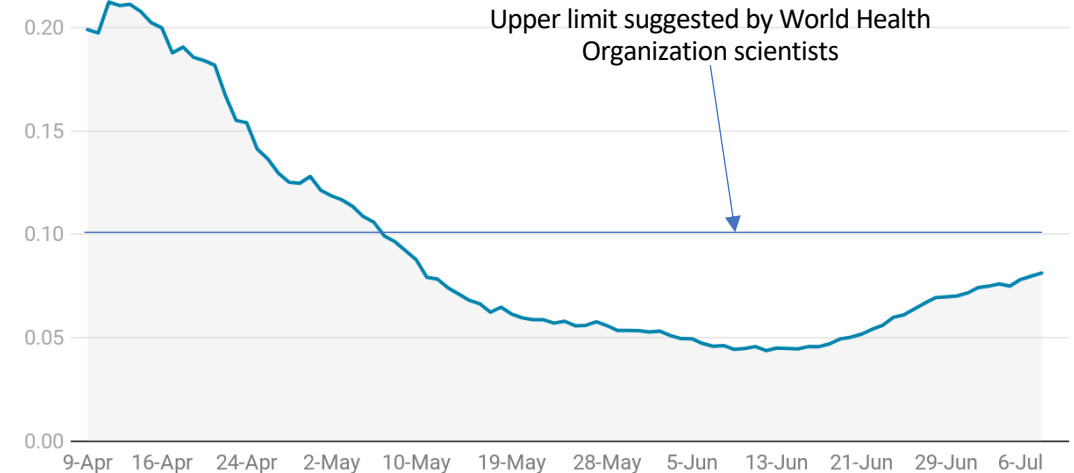


Health Industry Advisor LLC analysis

Chart: Health Industry Advisor LLC • Source: The Atlantic's Covid Tracking Project • Created with Datawrapper

### Test-Positive Rate - United States

Trailing 7-Day Moving Average, As of July 9



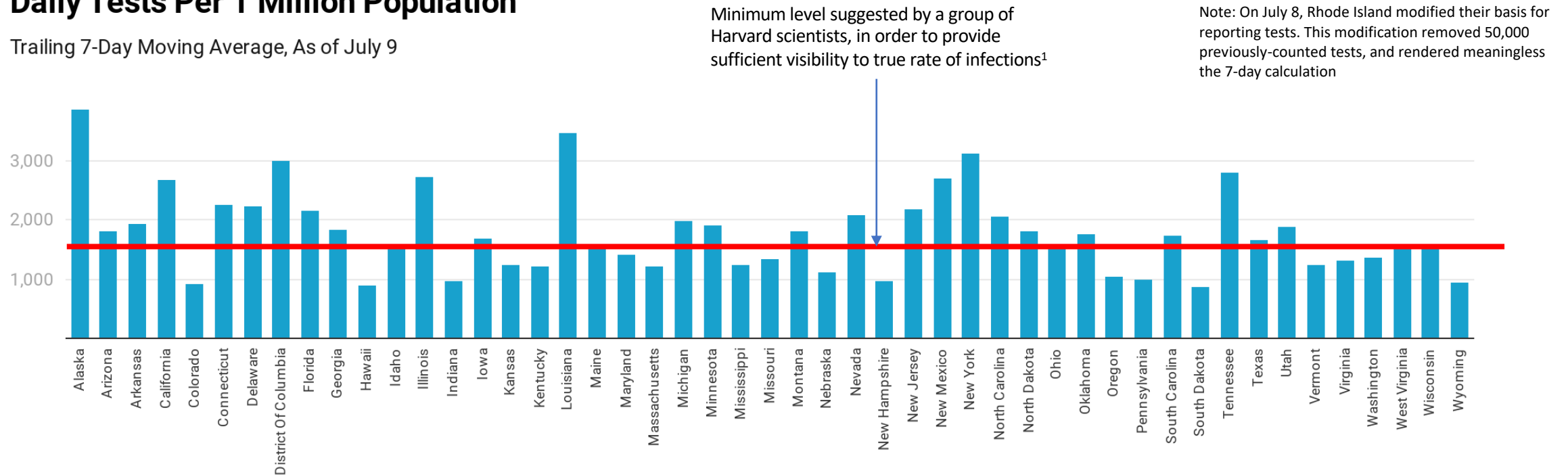
Health Industry Advisor LLC analysis

Chart: Health Industry Advisor LLC • Source: The Atlantic's Covid Tracking Project • Created with Datawrapper

# Not all states are testing at the minimum level suggested by a group of Harvard scientists

## Daily Tests Per 1 Million Population

Trailing 7-Day Moving Average, As of July 9



Health Industry Advisor LLC analysis

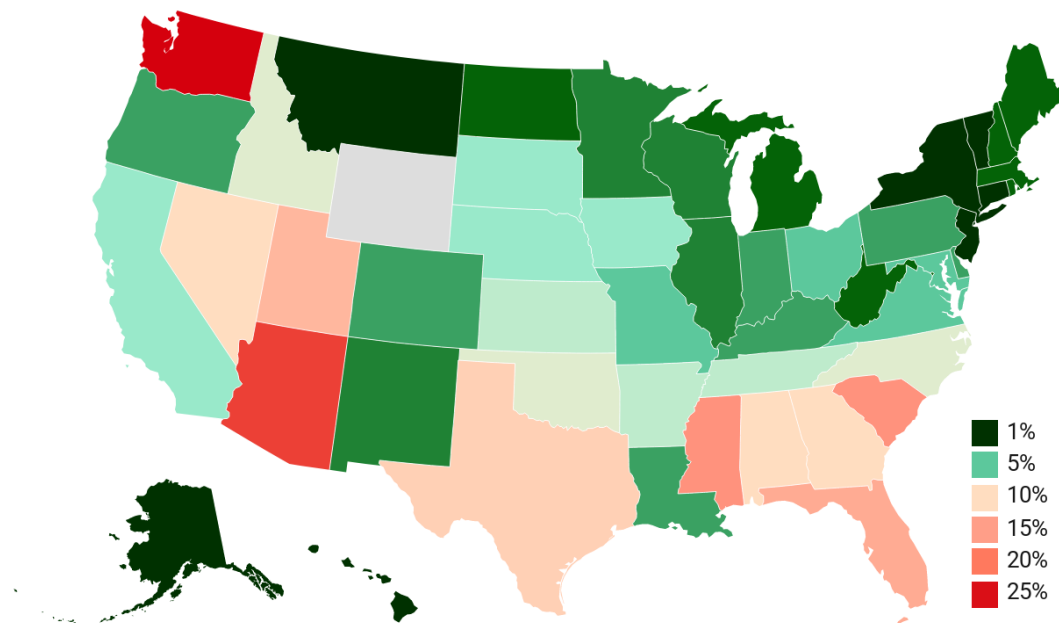
Chart: Health Industry Advisor LLC • Source: The Atlantic's Covid tracking Project • Created with Datawrapper

1 — source: (source: <https://www.kff.org/coronavirus-policy-watch/what-testing-capacity-do-we-need/>)

# Test-Positive Rates are both high and increasing in several states in the South and West

## Test-Positive Rate

Trailing 7-Day Moving Average, As of June 25

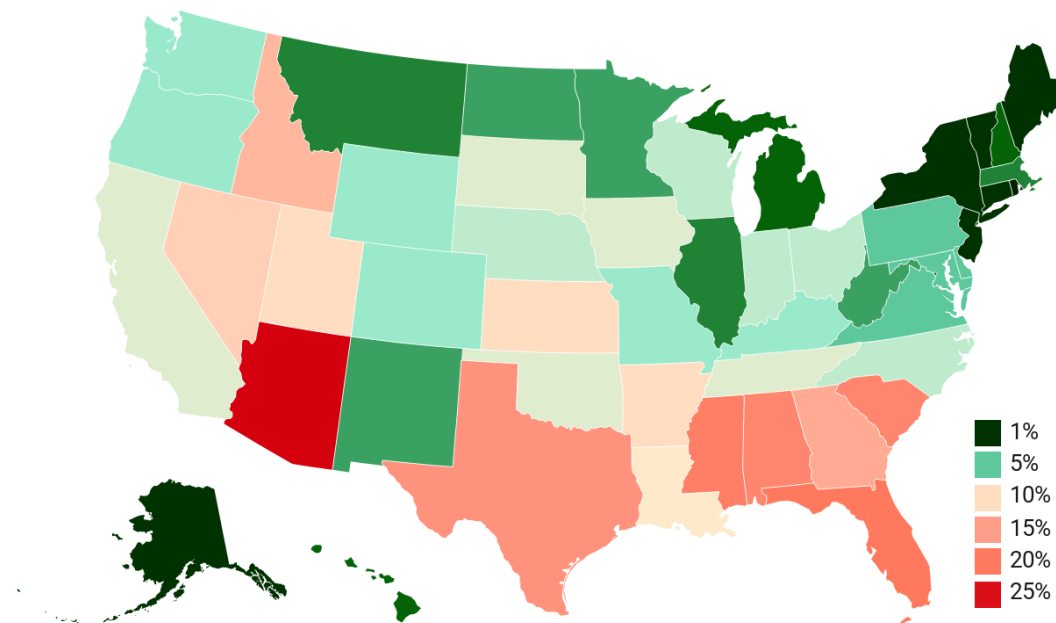


Health Industry Advisor LLC analysis

Map: Health Industry Advisor LLC • Source: The Atlantic's Covid Tracking Project • Created with Datawrapper

## Test-Positive Rate

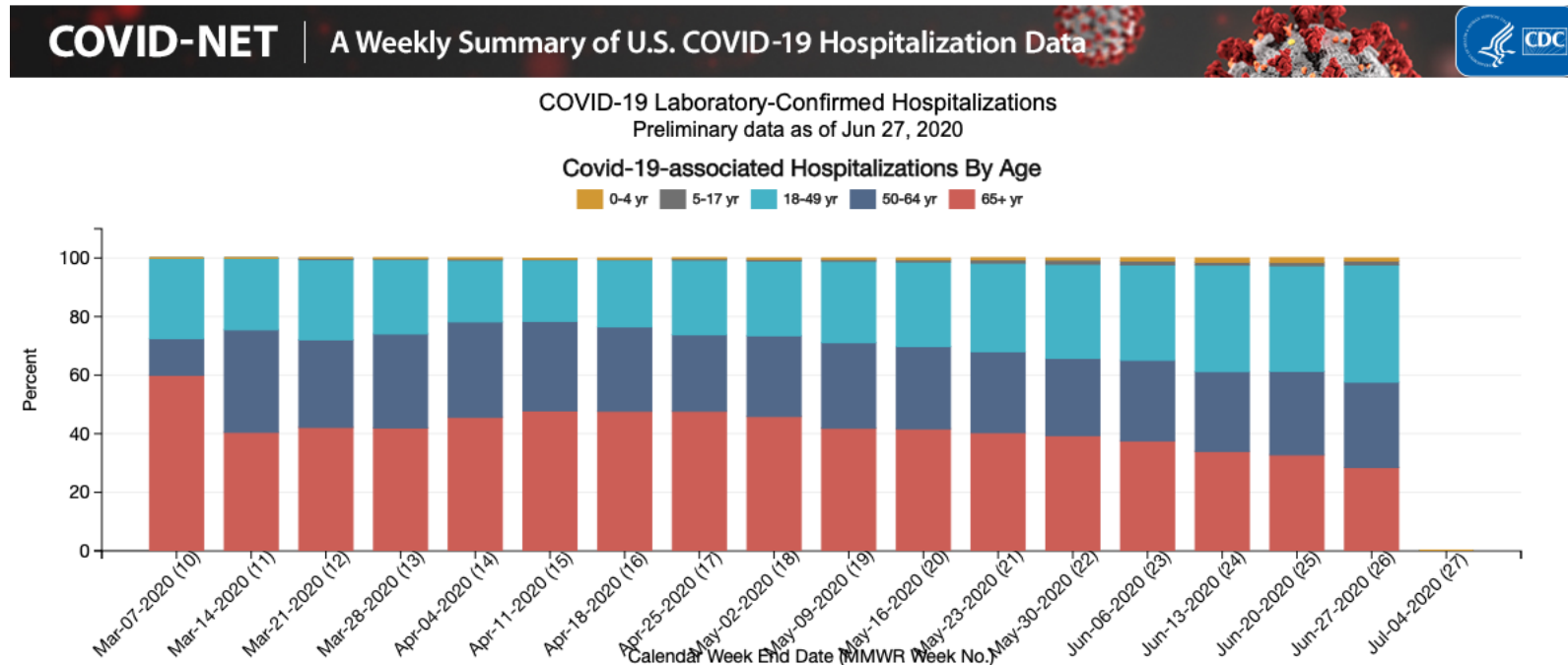
Trailing 7-Day Moving Average, As of July 9



Health Industry Advisor LLC analysis

Map: Health Industry Advisor LLC • Source: The Atlantic's Covid Tracking Project • Created with Datawrapper

# Hospitalized patients are trending younger



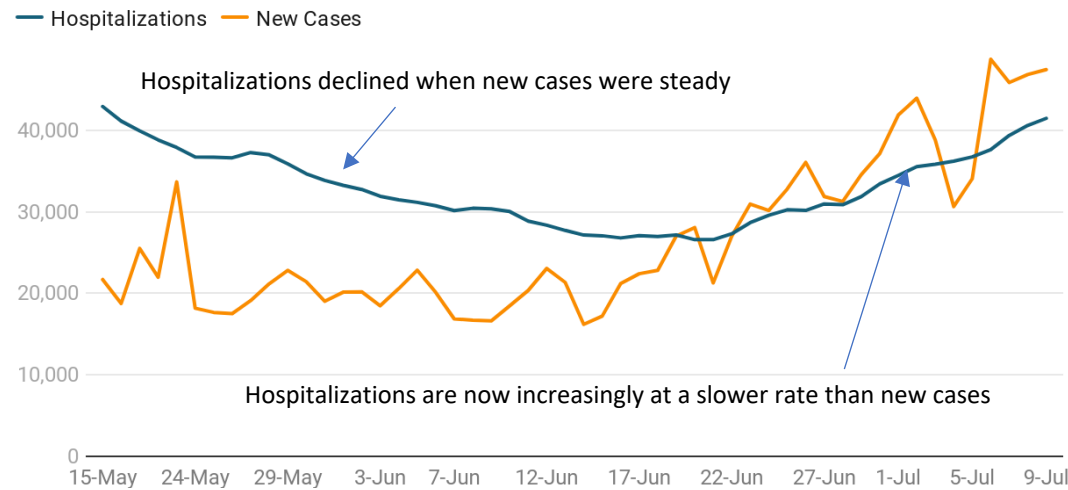
The Coronavirus Disease 2019 (COVID-19)-Associated Hospitalization Surveillance Network (COVID-NET) hospitalization data are preliminary and subject to change as more data become available. In particular, case counts and rates for recent hospital admissions are subject to lag. As data are received each week, prior case counts and rates are updated accordingly.



Cases have been trending to be less severe . . . in terms of hospitalization rate, % on ventilators and % in the ICU

## Hospitalizations v. New Cases

As of July 9



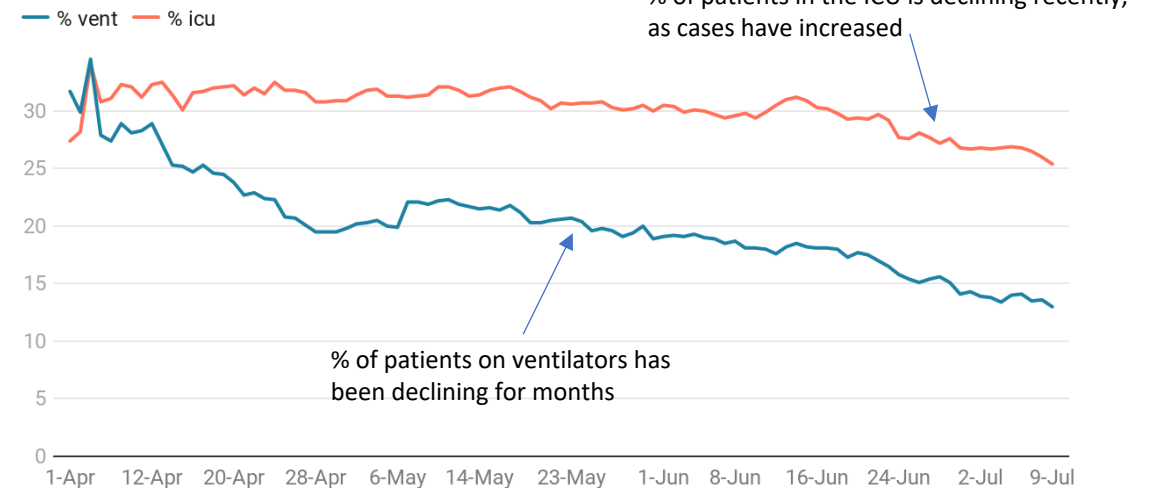
Health Industry Advisor LLC analysis

Chart: Health Industry Advisor LLC • Source: The Atlantic's Covid Tracking Project • Created with Datawrapper

Data excludes: Alabama, Alaska, Florida, Hawaii, Idaho, Kansas, Nebraska and Tennessee – data either not reported or not consistently reported

## Severity of Hospitalized Patients

% of patients on ventilators and in the ICU, As of July 9



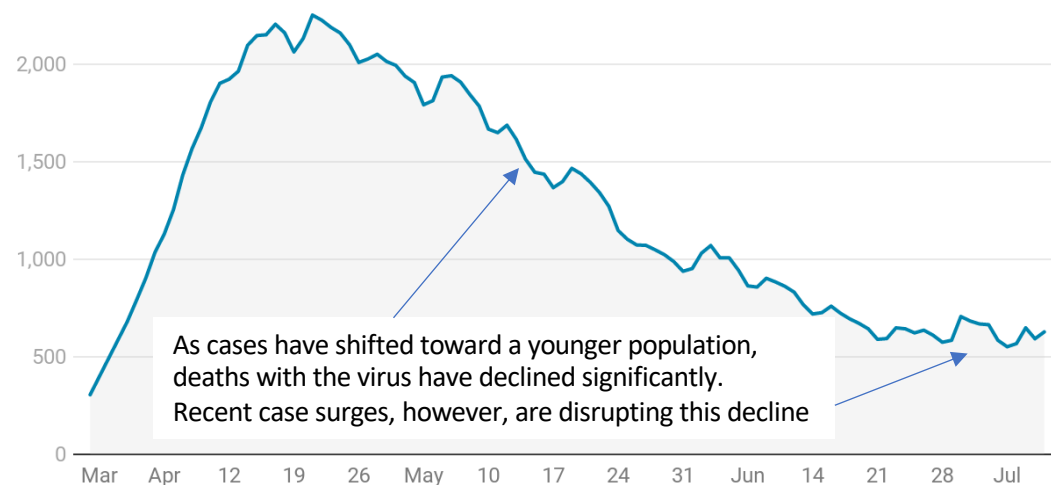
Health Industry Advisor LLC analysis

Chart: Health Industry Advisor LLC • Source: The Atlantic's Covid Tracking Project • Created with Datawrapper

Deaths had been declining since mid-April but, may be leveling following the recent surge in new cases

### Deaths Recorded With Coronavirus in the U.S.

Trailing 7-Day Moving Average, As of July 9

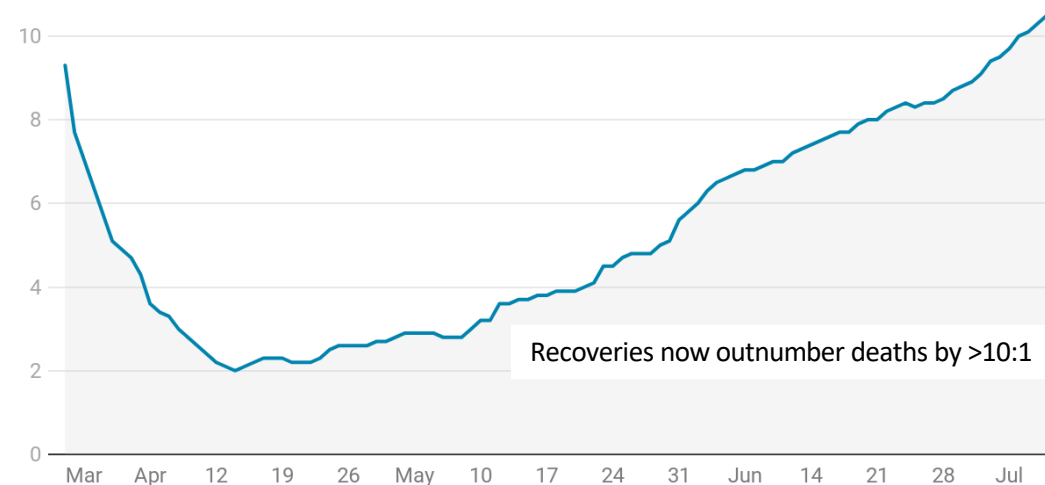


Health Industry Advisor LLC analysis

Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

### Recoveries: Deaths - United States

As of July 9



Health Industry Advisor LLC analysis

Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

# Worldwide Statistical Summary

Top 30 Countries By Total Cases  
As of July 9

| Country      | Total Cases | Rank | Cases per 1M Population | Rank2 | Deaths  | Rank3 | Death Rate | Rank4 | Deaths per 1 Million Population | Rank5 | 5-day Moving Average Case Growth Rate | Rank6 | Tests per 1M Population - Past 7 Days | Rank7 | New Daily Infections Per 1M Population (7-Day M.A.) | Rank8 |
|--------------|-------------|------|-------------------------|-------|---------|-------|------------|-------|---------------------------------|-------|---------------------------------------|-------|---------------------------------------|-------|-----------------------------------------------------|-------|
| USA          | 3,219,999   | (1)  | 9,727                   | (3)   | 135,822 | (1)   | 4.2%       | (15)  | 410.3                           | (7)   | 1.9%                                  | (8)   | 1,993                                 | (2)   | 165.2                                               | (4)   |
| Brazil       | 1,759,103   | (2)  | 8,274                   | (5)   | 69,254  | (2)   | 3.9%       | (17)  | 325.8                           | (10)  | 2.2%                                  | (6)   | 834                                   | (12)  | 173.2                                               | (2)   |
| India        | 794,842     | (3)  | 576                     | (28)  | 21,623  | (8)   | 2.7%       | (20)  | 15.7                            | (27)  | 3.3%                                  | (5)   | 174                                   | (22)  | 17.4                                                | (18)  |
| Russia       | 707,301     | (4)  | 4,847                   | (11)  | 10,843  | (11)  | 1.5%       | (26)  | 74.3                            | (17)  | 0.8%                                  | (19)  | 1,870                                 | (3)   | 45.2                                                | (13)  |
| Peru         | 316,448     | (5)  | 9,595                   | (4)   | 11,314  | (10)  | 3.6%       | (18)  | 343.0                           | (9)   | 1.1%                                  | (13)  | 617                                   | (16)  | 105.9                                               | (6)   |
| Chile        | 306,216     | (6)  | 16,016                  | (2)   | 6,682   | (15)  | 2.2%       | (22)  | 349.5                           | (8)   | 1.0%                                  | (15)  | 795                                   | (13)  | 161.9                                               | (5)   |
| Spain        | 300,136     | (7)  | 6,419                   | (8)   | 28,401  | (7)   | 9.5%       | (6)   | 607.4                           | (3)   | 0.2%                                  | (27)  | 872                                   | (10)  | 9.0                                                 | (22)  |
| UK           | 287,621     | (8)  | 4,236                   | (12)  | 44,602  | (3)   | 15.5%      | (3)   | 656.9                           | (2)   | 0.2%                                  | (25)  | 2,885                                 | (1)   | 8.1                                                 | (24)  |
| Mexico       | 275,003     | (9)  | 2,132                   | (22)  | 32,796  | (5)   | 11.9%      | (5)   | 254.3                           | (12)  | 1.7%                                  | (9)   | 98                                    | (25)  | 47.9                                                | (12)  |
| Iran         | 250,458     | (10) | 2,981                   | (16)  | 12,305  | (9)   | 4.9%       | (11)  | 146.5                           | (14)  | 0.8%                                  | (17)  | 303                                   | (19)  | 29.9                                                | (15)  |
| Italy        | 242,363     | (11) | 4,009                   | (14)  | 34,926  | (4)   | 14.4%      | (4)   | 577.7                           | (4)   | 0.1%                                  | (29)  | 728                                   | (14)  | 3.3                                                 | (29)  |
| Pakistan     | 240,848     | (12) | 1,090                   | (25)  | 4,983   | (18)  | 2.1%       | (23)  | 22.6                            | (26)  | 1.1%                                  | (14)  | 106                                   | (24)  | 14.9                                                | (19)  |
| South Africa | 238,339     | (13) | 4,018                   | (13)  | 3,720   | (22)  | 1.6%       | (25)  | 62.7                            | (20)  | 4.9%                                  | (1)   | 708                                   | (15)  | 169.2                                               | (3)   |
| Saudi Arabia | 223,327     | (14) | 6,413                   | (9)   | 2,100   | (27)  | 0.9%       | (28)  | 60.3                            | (21)  | 1.6%                                  | (10)  | 1,628                                 | (5)   | 105.5                                               | (7)   |
| Turkey       | 209,962     | (15) | 2,489                   | (20)  | 5,300   | (17)  | 2.5%       | (21)  | 62.8                            | (19)  | 0.5%                                  | (21)  | 590                                   | (17)  | 13.0                                                | (20)  |
| Germany      | 199,198     | (16) | 2,377                   | (21)  | 9,125   | (13)  | 4.6%       | (13)  | 108.9                           | (15)  | 0.2%                                  | (26)  | 856                                   | (11)  | 4.2                                                 | (28)  |
| Bangladesh   | 175,494     | (17) | 1,065                   | (26)  | 2,238   | (26)  | 1.3%       | (27)  | 13.6                            | (28)  | 1.6%                                  | (11)  | 88                                    | (26)  | 19.3                                                | (17)  |
| France       | 170,094     | (18) | 2,606                   | (19)  | 29,979  | (6)   | 17.6%      | (1)   | 459.3                           | (6)   | 0.4%                                  | (22)  | 0                                     | (28)  | 8.1                                                 | (23)  |
| Colombia     | 133,973     | (19) | 2,632                   | (18)  | 4,714   | (20)  | 3.5%       | (19)  | 92.6                            | (16)  | 3.4%                                  | (4)   | 412                                   | (18)  | 78.2                                                | (8)   |
| Canada       | 106,805     | (20) | 2,829                   | (17)  | 8,749   | (14)  | 8.2%       | (7)   | 231.8                           | (13)  | 0.3%                                  | (24)  | 944                                   | (8)   | 7.7                                                 | (25)  |
| Qatar        | 102,110     | (21) | 36,366                  | (1)   | 142     | (30)  | 0.1%       | (30)  | 50.6                            | (22)  | 0.6%                                  | (20)  | 1,764                                 | (4)   | 214.4                                               | (1)   |
| Argentina    | 90,693      | (22) | 2,006                   | (23)  | 1,720   | (28)  | 1.9%       | (24)  | 38.0                            | (24)  | 3.8%                                  | (2)   | 198                                   | (21)  | 65.6                                                | (9)   |
| China        | 83,581      | (23) | 58                      | (30)  | 4,634   | (21)  | 5.5%       | (10)  | 3.2                             | (30)  | 0.0%                                  | (30)  | 0                                     | (28)  | 0.0                                                 | (30)  |
| Egypt        | 79,254      | (24) | 774                     | (27)  | 3,617   | (23)  | 4.6%       | (14)  | 35.3                            | (25)  | 1.4%                                  | (12)  | 0                                     | (28)  | 11.1                                                | (21)  |
| Sweden       | 74,333      | (25) | 7,359                   | (6)   | 5,500   | (16)  | 7.4%       | (9)   | 544.5                           | (5)   | 0.8%                                  | (18)  | 1,143                                 | (6)   | 52.2                                                | (11)  |
| Indonesia    | 70,736      | (26) | 259                     | (29)  | 3,417   | (24)  | 4.8%       | (12)  | 12.5                            | (29)  | 2.1%                                  | (7)   | 75                                    | (27)  | 5.9                                                 | (27)  |
| Iraq         | 69,612      | (27) | 1,730                   | (24)  | 2,882   | (25)  | 4.1%       | (16)  | 71.6                            | (18)  | 3.6%                                  | (3)   | 288                                   | (20)  | 56.5                                                | (10)  |
| Belarus      | 64,411      | (28) | 6,817                   | (7)   | 449     | (29)  | 0.7%       | (29)  | 47.5                            | (23)  | 0.4%                                  | (23)  | 891                                   | (9)   | 25.9                                                | (16)  |
| Ecuador      | 64,221      | (29) | 3,639                   | (15)  | 4,900   | (19)  | 7.6%       | (8)   | 277.6                           | (11)  | 0.9%                                  | (16)  | 125                                   | (23)  | 38.5                                                | (14)  |
| Belgium      | 62,210      | (30) | 5,367                   | (10)  | 9,778   | (12)  | 15.7%      | (2)   | 843.6                           | (1)   | 0.1%                                  | (28)  | 1,038                                 | (7)   | 7.5                                                 | (26)  |

# State-By-State Statistical Summary (page 1 of 2)

| State                | Total Cases | Rank | Cases per 1M Population | Rank2 | Deaths | Rank3 | Death Rate | Rank4 | Deaths per 1 Million Population | Rank5 | 5-day Moving Average Case Growth Rate | Rank6 | Tests per 1M Population Past 7 days | Rank7 | New Daily Cases Per 1M Population (5-Day M.A.) | Rank8 |
|----------------------|-------------|------|-------------------------|-------|--------|-------|------------|-------|---------------------------------|-------|---------------------------------------|-------|-------------------------------------|-------|------------------------------------------------|-------|
| Alabama              | 49,174      | (20) | 10,029.0                | (17)  | 1,068  | (24)  | 2.2%       | (33)  | 217.8                           | (24)  | 2.8%                                  | (12)  | 1,479                               | (32)  | 233.1                                          | (9)   |
| Alaska               | 1,272       | (50) | 1,738.8                 | (49)  | 17     | (51)  | 1.3%       | (45)  | 23.2                            | (50)  | 2.7%                                  | (13)  | 3,873                               | (1)   | 48.4                                           | (41)  |
| Arizona              | 112,671     | (7)  | 15,479.5                | (6)   | 2,038  | (16)  | 1.8%       | (37)  | 280.0                           | (17)  | 3.6%                                  | (6)   | 1,810                               | (21)  | 481.3                                          | (1)   |
| Arkansas             | 26,052      | (30) | 8,632.7                 | (19)  | 309    | (37)  | 1.2%       | (48)  | 102.4                           | (40)  | 2.3%                                  | (19)  | 1,925                               | (16)  | 191.7                                          | (13)  |
| California           | 303,323     | (2)  | 7,676.7                 | (26)  | 6,850  | (6)   | 2.3%       | (30)  | 173.4                           | (30)  | 3.5%                                  | (7)   | 2,674                               | (8)   | 208.6                                          | (11)  |
| Colorado             | 35,525      | (24) | 6,168.9                 | (33)  | 1,706  | (18)  | 4.8%       | (13)  | 296.2                           | (15)  | 1.0%                                  | (33)  | 929                                 | (48)  | 51.8                                           | (39)  |
| Connecticut          | 47,209      | (21) | 13,241.3                | (8)   | 4,348  | (8)   | 9.2%       | (1)   | 1,219.5                         | (3)   | 0.2%                                  | (48)  | 2,260                               | (9)   | 21.5                                           | (46)  |
| Delaware             | 12,531      | (38) | 12,868.6                | (9)   | 517    | (34)  | 4.1%       | (17)  | 530.9                           | (12)  | 0.9%                                  | (35)  | 2,243                               | (10)  | 139.7                                          | (17)  |
| District Of Columbia | 10,679      | (40) | 15,131.4                | (7)   | 568    | (32)  | 5.3%       | (10)  | 804.8                           | (6)   | 0.4%                                  | (45)  | 3,008                               | (4)   | 56.1                                           | (37)  |
| Florida              | 232,718     | (4)  | 10,835.3                | (13)  | 4,009  | (9)   | 1.7%       | (39)  | 186.7                           | (25)  | 4.1%                                  | (4)   | 2,163                               | (12)  | 430.9                                          | (2)   |
| Georgia              | 106,727     | (9)  | 10,052.1                | (16)  | 2,930  | (14)  | 2.7%       | (26)  | 276.0                           | (18)  | 2.7%                                  | (14)  | 1,832                               | (19)  | 264.4                                          | (6)   |
| Hawaii               | 1,130       | (51) | 798.1                   | (51)  | 19     | (50)  | 1.7%       | (41)  | 13.4                            | (51)  | 2.5%                                  | (16)  | 894                                 | (49)  | 17.0                                           | (48)  |
| Idaho                | 9,428       | (41) | 5,261.0                 | (37)  | 100    | (44)  | 1.1%       | (50)  | 55.8                            | (45)  | 5.0%                                  | (1)   | 1,554                               | (29)  | 207.2                                          | (12)  |
| Illinois             | 151,572     | (6)  | 11,961.3                | (10)  | 7,329  | (4)   | 4.8%       | (12)  | 578.4                           | (9)   | 0.5%                                  | (44)  | 2,737                               | (6)   | 61.9                                           | (34)  |
| Indiana              | 49,575      | (19) | 7,363.8                 | (30)  | 2,739  | (15)  | 5.5%       | (9)   | 406.8                           | (13)  | 0.9%                                  | (34)  | 965                                 | (46)  | 66.0                                           | (32)  |
| Iowa                 | 33,248      | (27) | 10,538.0                | (15)  | 740    | (28)  | 2.2%       | (31)  | 234.5                           | (22)  | 1.4%                                  | (31)  | 1,681                               | (25)  | 141.2                                          | (16)  |
| Kansas               | 17,893      | (35) | 6,141.8                 | (34)  | 294    | (38)  | 1.6%       | (42)  | 100.9                           | (41)  | 2.2%                                  | (21)  | 1,241                               | (37)  | 130.0                                          | (19)  |
| Kentucky             | 18,245      | (34) | 4,083.8                 | (43)  | 612    | (30)  | 3.4%       | (23)  | 137.0                           | (34)  | 2.2%                                  | (22)  | 1,222                               | (41)  | 66.4                                           | (31)  |
| Louisiana            | 71,994      | (13) | 15,486.6                | (5)   | 3,360  | (10)  | 4.7%       | (14)  | 722.8                           | (7)   | 2.6%                                  | (15)  | 3,465                               | (2)   | 306.5                                          | (3)   |
| Maine                | 3,486       | (46) | 2,593.3                 | (46)  | 111    | (42)  | 3.2%       | (24)  | 82.6                            | (43)  | 0.5%                                  | (43)  | 1,588                               | (27)  | 17.6                                           | (47)  |
| Maryland             | 71,447      | (14) | 11,817.9                | (11)  | 3,288  | (11)  | 4.6%       | (15)  | 543.9                           | (10)  | 0.6%                                  | (41)  | 1,404                               | (33)  | 69.5                                           | (28)  |
| Massachusetts        | 110,897     | (8)  | 15,957.5                | (4)   | 8,268  | (3)   | 7.5%       | (5)   | 1,189.7                         | (4)   | 0.2%                                  | (49)  | 1,223                               | (40)  | 30.0                                           | (45)  |
| Michigan             | 75,063      | (12) | 7,516.2                 | (29)  | 6,271  | (7)   | 8.4%       | (3)   | 627.9                           | (8)   | 0.7%                                  | (40)  | 1,980                               | (15)  | 49.5                                           | (40)  |
| Minnesota            | 40,163      | (22) | 7,121.6                 | (31)  | 1,528  | (19)  | 3.8%       | (19)  | 270.9                           | (19)  | 1.3%                                  | (32)  | 1,900                               | (17)  | 72.8                                           | (26)  |
| Mississippi          | 33,591      | (26) | 11,286.7                | (12)  | 1,204  | (22)  | 3.6%       | (21)  | 404.5                           | (14)  | 1.8%                                  | (26)  | 1,237                               | (39)  | 239.4                                          | (8)   |

# State-By-State Statistical Summary (page 1 of 2)

As of July 9

| State          | Total Cases | Rank | Cases per 1M Population | Rank2 | Deaths  | Rank3 | Death Rate | Rank4 | Deaths per 1 Million Population | Rank5 | 5-day Moving Average Case Growth Rate | Rank6 | Tests per 1M Population Past 7 days | Rank7 | New Daily Cases Per 1M Population (5-Day M.A.) | Rank8 |
|----------------|-------------|------|-------------------------|-------|---------|-------|------------|-------|---------------------------------|-------|---------------------------------------|-------|-------------------------------------|-------|------------------------------------------------|-------|
| Missouri       | 27,183      | (29) | 4,429.1                 | (41)  | 1,101   | (23)  | 4.1%       | (18)  | 179.4                           | (28)  | 2.4%                                  | (18)  | 1,339                               | (35)  | 84.7                                           | (22)  |
| Montana        | 1,466       | (48) | 1,371.7                 | (50)  | 25      | (48)  | 1.7%       | (40)  | 23.4                            | (49)  | 4.7%                                  | (2)   | 1,820                               | (20)  | 47.5                                           | (42)  |
| Nebraska       | 20,623      | (32) | 10,661.1                | (14)  | 284     | (39)  | 1.4%       | (43)  | 146.8                           | (31)  | 0.8%                                  | (38)  | 1,121                               | (42)  | 82.3                                           | (25)  |
| Nevada         | 24,904      | (31) | 8,085.3                 | (24)  | 571     | (31)  | 2.3%       | (29)  | 185.4                           | (26)  | 2.9%                                  | (10)  | 2,089                               | (13)  | 241.2                                          | (7)   |
| New Hampshire  | 5,973       | (43) | 4,392.8                 | (42)  | 387     | (36)  | 6.5%       | (7)   | 284.6                           | (16)  | 0.4%                                  | (46)  | 979                                 | (45)  | 15.8                                           | (49)  |
| New Jersey     | 177,795     | (5)  | 20,017.0                | (2)   | 15,522  | (2)   | 8.7%       | (2)   | 1,747.5                         | (1)   | 0.1%                                  | (51)  | 2,179                               | (11)  | 3.6                                            | (51)  |
| New Mexico     | 14,251      | (37) | 6,796.5                 | (32)  | 533     | (33)  | 3.7%       | (20)  | 254.2                           | (21)  | 1.8%                                  | (28)  | 2,700                               | (7)   | 118.6                                          | (20)  |
| New York       | 425,072     | (1)  | 21,850.6                | (1)   | 32,343  | (1)   | 7.6%       | (4)   | 1,662.6                         | (2)   | 0.2%                                  | (50)  | 3,131                               | (3)   | 41.5                                           | (44)  |
| North Carolina | 79,669      | (11) | 7,596.1                 | (28)  | 1,491   | (20)  | 1.9%       | (36)  | 142.2                           | (32)  | 2.1%                                  | (23)  | 2,053                               | (14)  | 149.2                                          | (15)  |
| North Dakota   | 4,070       | (44) | 5,340.8                 | (36)  | 85      | (46)  | 2.1%       | (34)  | 111.5                           | (36)  | 1.5%                                  | (30)  | 1,810                               | (22)  | 66.7                                           | (30)  |
| Ohio           | 61,331      | (16) | 5,246.9                 | (38)  | 3,006   | (13)  | 4.9%       | (11)  | 257.2                           | (20)  | 1.7%                                  | (29)  | 1,520                               | (30)  | 84.1                                           | (23)  |
| Oklahoma       | 18,496      | (33) | 4,674.3                 | (40)  | 410     | (35)  | 2.2%       | (32)  | 103.6                           | (39)  | 3.4%                                  | (8)   | 1,758                               | (23)  | 136.5                                          | (18)  |
| Oregon         | 11,188      | (39) | 2,652.6                 | (45)  | 230     | (40)  | 2.1%       | (35)  | 54.5                            | (46)  | 2.4%                                  | (17)  | 1,051                               | (43)  | 63.9                                           | (33)  |
| Pennsylvania   | 97,634      | (10) | 7,626.5                 | (27)  | 6,904   | (5)   | 7.1%       | (6)   | 539.3                           | (11)  | 0.8%                                  | (39)  | 1,002                               | (44)  | 56.4                                           | (36)  |
| Rhode Island   | 17,243      | (36) | 16,276.8                | (3)   | 974     | (25)  | 5.6%       | (8)   | 919.4                           | (5)   | 0.3%                                  | (47)  | (11,210)                            | (51)  | 47.3                                           | (43)  |
| South Carolina | 50,691      | (18) | 9,845.4                 | (18)  | 905     | (26)  | 1.8%       | (38)  | 175.8                           | (29)  | 3.2%                                  | (9)   | 1,730                               | (24)  | 304.9                                          | (4)   |
| South Dakota   | 7,336       | (42) | 8,292.5                 | (23)  | 101     | (43)  | 1.4%       | (44)  | 114.2                           | (35)  | 0.9%                                  | (37)  | 867                                 | (50)  | 67.2                                           | (29)  |
| Tennessee      | 57,591      | (17) | 8,428.1                 | (21)  | 710     | (29)  | 1.2%       | (47)  | 103.9                           | (38)  | 2.8%                                  | (11)  | 2,807                               | (5)   | 223.1                                          | (10)  |
| Texas          | 241,013     | (3)  | 8,312.0                 | (22)  | 3,046   | (12)  | 1.3%       | (46)  | 105.0                           | (37)  | 4.2%                                  | (3)   | 1,662                               | (26)  | 266.6                                          | (5)   |
| Utah           | 27,356      | (28) | 8,532.9                 | (20)  | 205     | (41)  | 0.7%       | (51)  | 63.9                            | (44)  | 2.2%                                  | (20)  | 1,887                               | (18)  | 180.0                                          | (14)  |
| Vermont        | 1,272       | (50) | 2,038.5                 | (48)  | 56      | (47)  | 4.4%       | (16)  | 89.7                            | (42)  | 0.5%                                  | (42)  | 1,238                               | (38)  | 10.5                                           | (50)  |
| Virginia       | 67,988      | (15) | 7,965.3                 | (25)  | 1,937   | (17)  | 2.8%       | (25)  | 226.9                           | (23)  | 0.9%                                  | (36)  | 1,325                               | (36)  | 69.8                                           | (27)  |
| Washington     | 39,686      | (23) | 5,211.6                 | (39)  | 1,409   | (21)  | 3.6%       | (22)  | 185.0                           | (27)  | 1.9%                                  | (25)  | 1,372                               | (34)  | 82.6                                           | (24)  |
| West Virginia  | 3,826       | (45) | 2,140.8                 | (47)  | 95      | (45)  | 2.5%       | (27)  | 53.2                            | (47)  | 3.6%                                  | (5)   | 1,507                               | (31)  | 58.2                                           | (35)  |
| Wisconsin      | 33,908      | (25) | 5,823.7                 | (35)  | 809     | (27)  | 2.4%       | (28)  | 138.9                           | (33)  | 1.8%                                  | (27)  | 1,571                               | (28)  | 97.0                                           | (21)  |
| Wyoming        | 1,774       | (47) | 3,065.2                 | (44)  | 21      | (49)  | 1.2%       | (49)  | 36.3                            | (48)  | 2.0%                                  | (24)  | 938                                 | (47)  | 55.8                                           | (38)  |
| United States  | 3,219,999   |      | 9,728.0                 |       | 135,822 |       | 4.2%       |       | 410.3                           |       | 1.9%                                  |       | 1,887                               |       | 165.2                                          |       |

# Data Sources

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The following data sources are accessed on a daily or weekly basis:

- The Atlantic's Covid Tracking Project: <https://covidtracking.com>
- Worldometers.info: <https://www.worldometers.info/coronavirus/>
- Centers for Disease Control, National, Regional, and State Level Outpatient Illness and Viral Surveillance <https://gis.cdc.gov/grasp/fluview/fluportaldashboard.html>
- Centers for Disease Control, COVID-19 Laboratory-Confirmed Hospitalizations [https://gis.cdc.gov/grasp/COVIDNet/COVID19\\_5.html](https://gis.cdc.gov/grasp/COVIDNet/COVID19_5.html)
- Centers for Disease Control, COVID Data Tracker <https://www.cdc.gov/covid-data-tracker/index.html#mobility>
- Institute for Health Metrics and Evaluation, COVID-19 estimate downloads <http://www.healthdata.org/covid/data-downloads>
- New York Times, Covid-19 data <https://github.com/nytimes/covid-19-data>
- COVID-19 Data Repository by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University <https://github.com/CSSEGISandData/COVID-19>