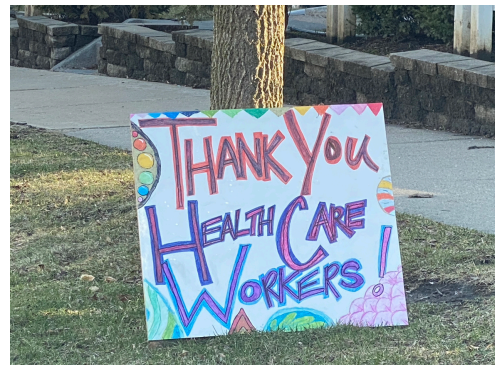
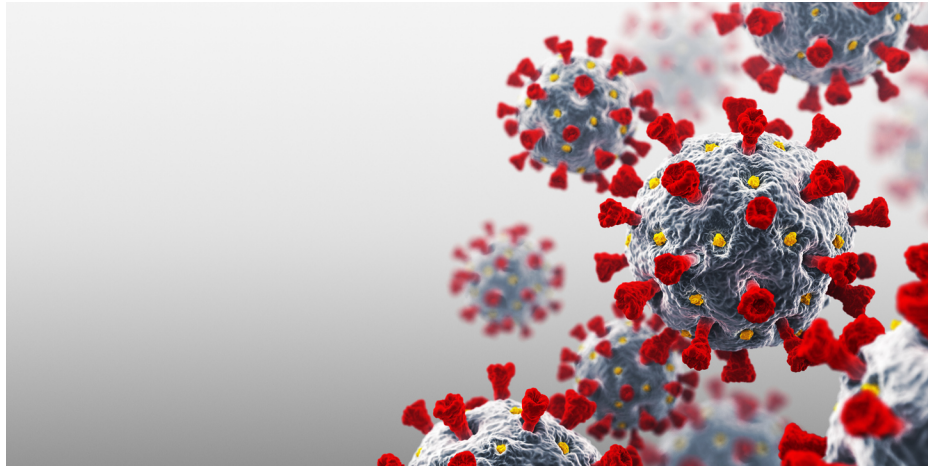
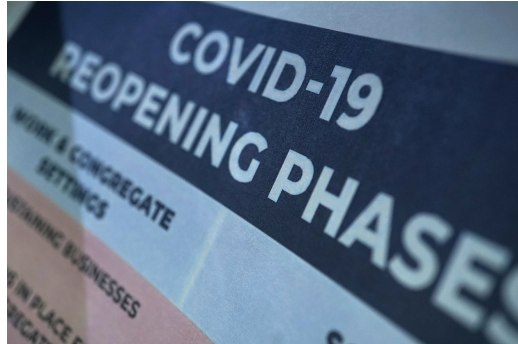




# COVID-19 Report

Issue # 102

Sunday, July 12, 2020

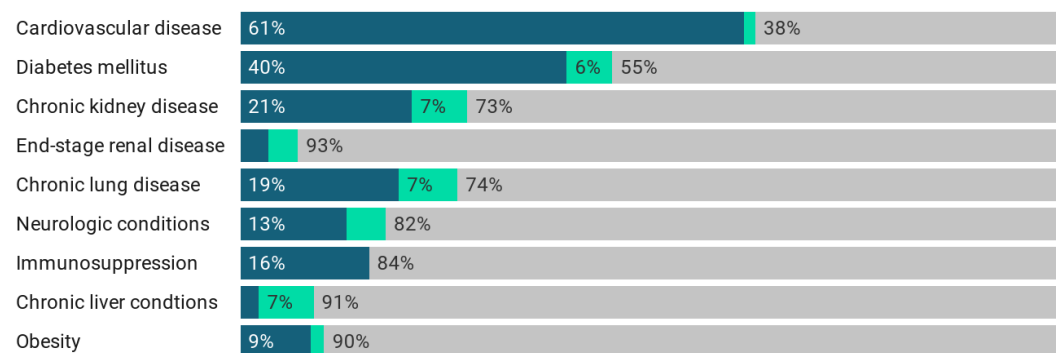
- New cases in the United States were down Saturday by more than 8,000 from the record number reported on Friday. Still, it's the 2nd most of any day since the virus spread began. On a week-over-week basis, new cases were up 24.6%
- Test volume was appreciably lower yesterday - 634,000 versus the record-high of 886,000 on Friday. As would be expected, the lower volume correlated with a higher test-positive rate - 9.9%. On a week-over-week basis, test volume was up 5.8%; the test-positive rate increased to 8.4% from 7.6%
- 732 deaths were reported in the United States on Saturday, down from 849 on Friday and 960 on Thursday. The cumulative death rate is now below 4.1% of all reported cases. Reported recoveries outnumber deaths by 10.8:1
- Hospitalizations were up only marginally on a day-over-day basis and continue to increase at a slower rate than new cases. Also, the % of patients in the ICU and on ventilators continues to trend lower
- During the past month, Arizona, California, Florida and Texas have accounted for more than 1/2 of all new cases in the United States. We found variation, county-by-county, within these states in the intensity of new infections per capita:
  - In Arizona, high infection rates are observed across the state
  - In California, the high rates are concentrated in the south, while northern California generally has low infection rates
  - In Florida, like Arizona, high infection rates are observed across the state
  - In Texas, high infection rates are concentrated around its southern border
- A newly-released study by the Centers for Disease Control reaffirmed the prevalence of underlying health conditions in persons who died with COVID-19:
  - the CDC found that 76.4% of deaths studied had at least 1 underlying condition; this rate was 83.1% for persons under 65 years old. 54% had 2 or more underlying conditions
  - Cardiovascular disease was evident in 60.9% of all deaths - this held true both for persons under 65 as well as those 65 and older
- The CDC also provided findings by age and race/ethnicity:
  - A majority of deaths were of persons > 65 years old (74.8%); less than 3% were between 0-44 years old
  - Hispanic/Latinos represented 13.8% of deaths, however, they were 33.9% of those under 65 years old; White, non-Hispanics were 35% of all deaths but, only 18.4% of those under 65 years old

# COVID-19 Deaths: High Incidence of Cardiovascular Disease and Other Underlying Conditions; Hispanics < 65 Years Old With Higher Incidence Than Other Races/Ethnicities

## Underlying Health Conditions of Decedents With Coronavirus

February 12 - April 24

■ Yes ■ No ■ Unknown



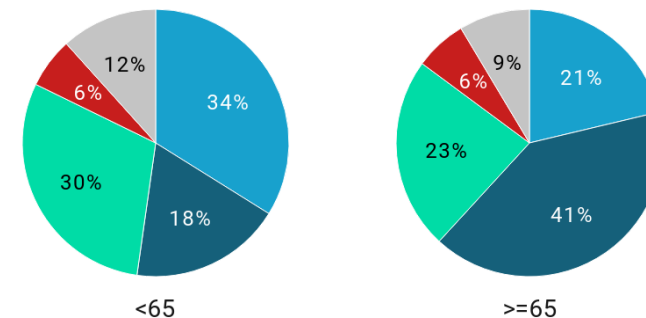
N= 10,647

Chart: Health Industry Advisor LLC • Source: Centers for Disease Control • Created with Datawrapper

## Race/Ethnicity of Decedents

By Age Cohort, February 12 - April 24

■ Hispanic/Latino  
■ White, Non-Hispanic  
■ Black, Non-Hispanic  
■ Asian, Non-Hispanic  
■ Multiracial/Other/Unknown



N=10,647

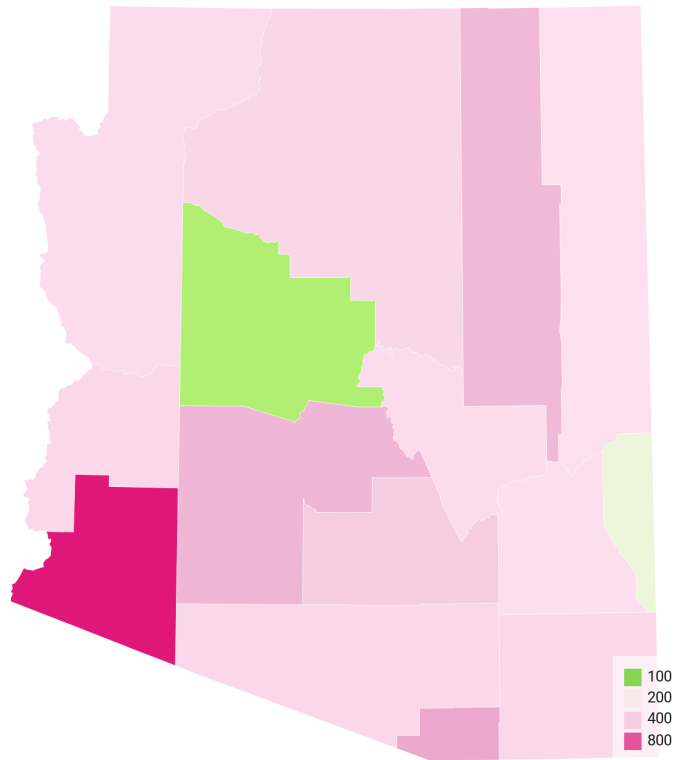
Chart: Health Industry Advisor LLC • Source: Centers for Disease Control • Created with Datawrapper

Source: Centers for Disease Control, “Characteristics of Persons Who Died with COVID-19 — United States, February 12–May 18, 2020”, July 10, 2020

<https://www.cdc.gov/mmwr/volumes/69/wr/mm6928e1.htm> , Accessed July 10, 2020

## New Daily Infections / 1 Million Population

Trailing 7-Day Moving Average, As of July 10

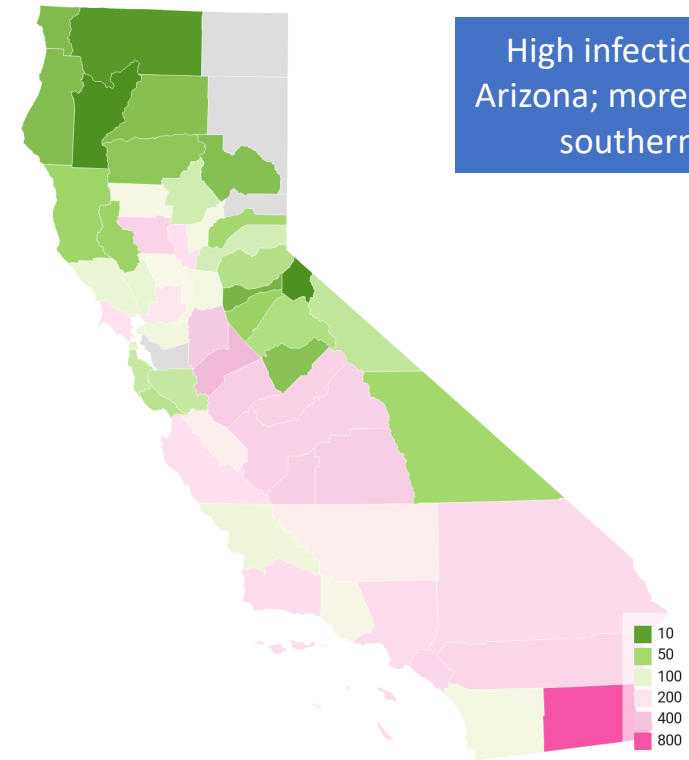


Health Industry Advisor LLC analysis

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

## New Daily Infections / 1 Million Population

Trailing 7-Day Moving average, As of July 10



High infection rates across Arizona; more concentrated in southern California

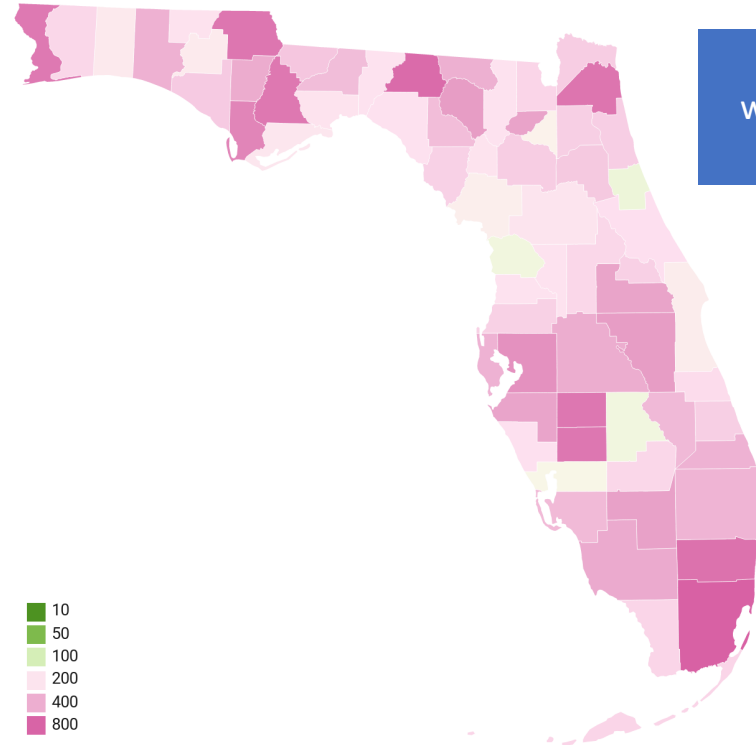
Health Industry Advisor LLC analysis

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

# New Daily Infections / 1 Million Population By County

## New Infections / 1 Million Population

Trailing 7-Day Moving Average, As of July 10



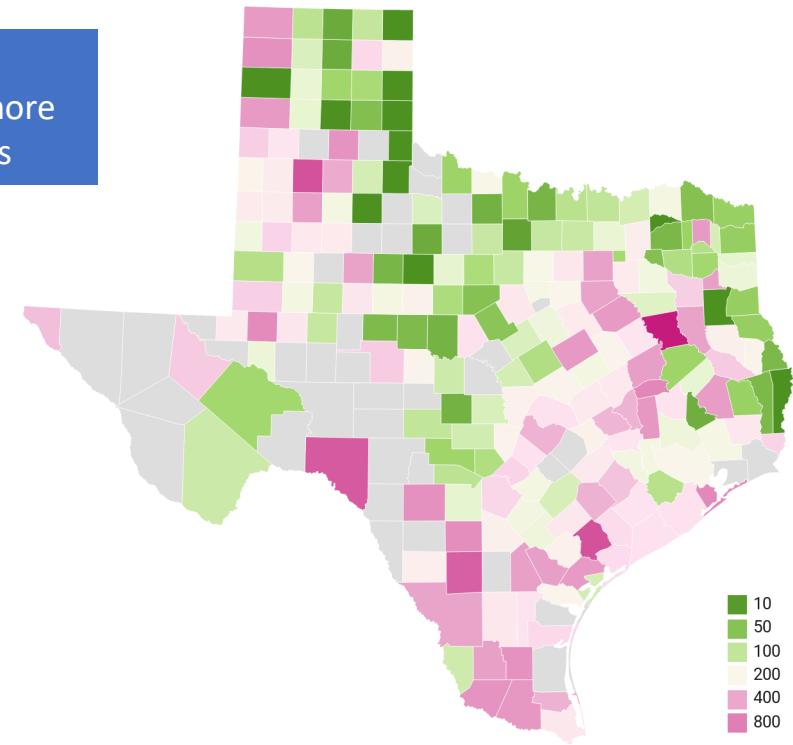
Health Industry Advisor LLC analysis

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

High infection rates  
widespread in Florida more  
concentrated in Texas

## New Daily Infections / 1 Million Population

Trailing 7-Day Moving Average, As of July 10



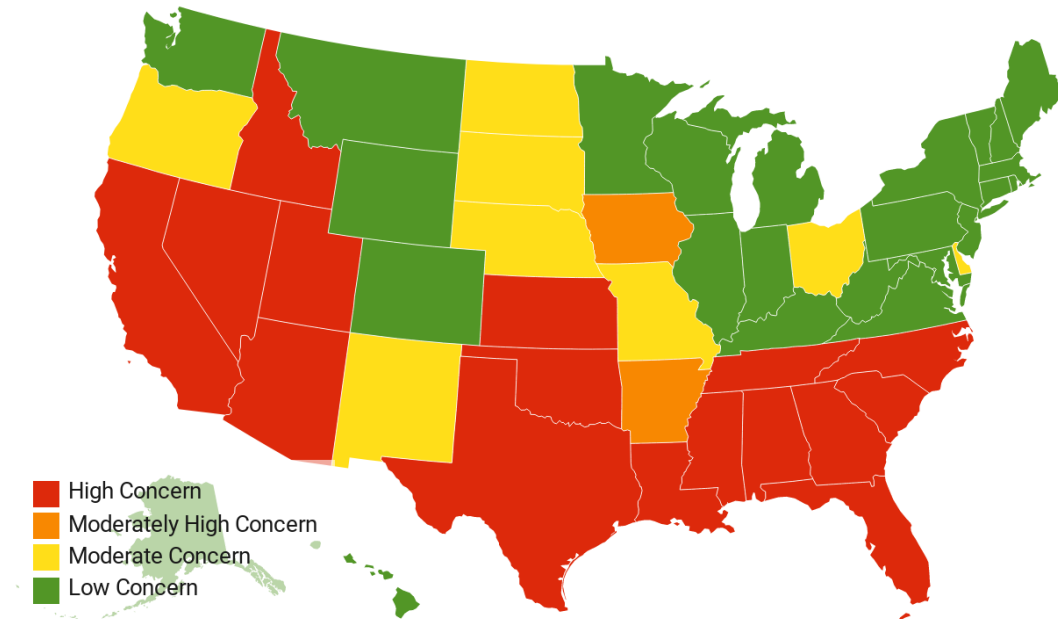
Health Industry Advisor LLC analysis

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

# More than half the country's population resides in a state we consider of "High" concern

## Scorecard

As of July 4

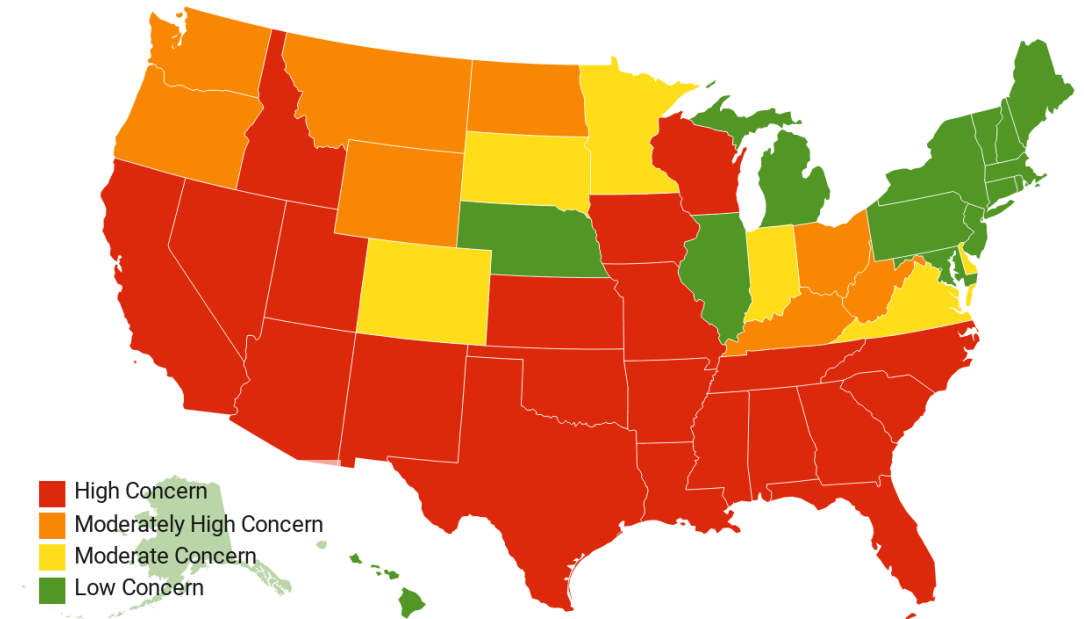


Scoring based on new infection, test-positive, hospitalization and case growth rates

Map: Health Industry Advisor LLC • Created with Datawrapper

## Scorecard

As of July 11



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

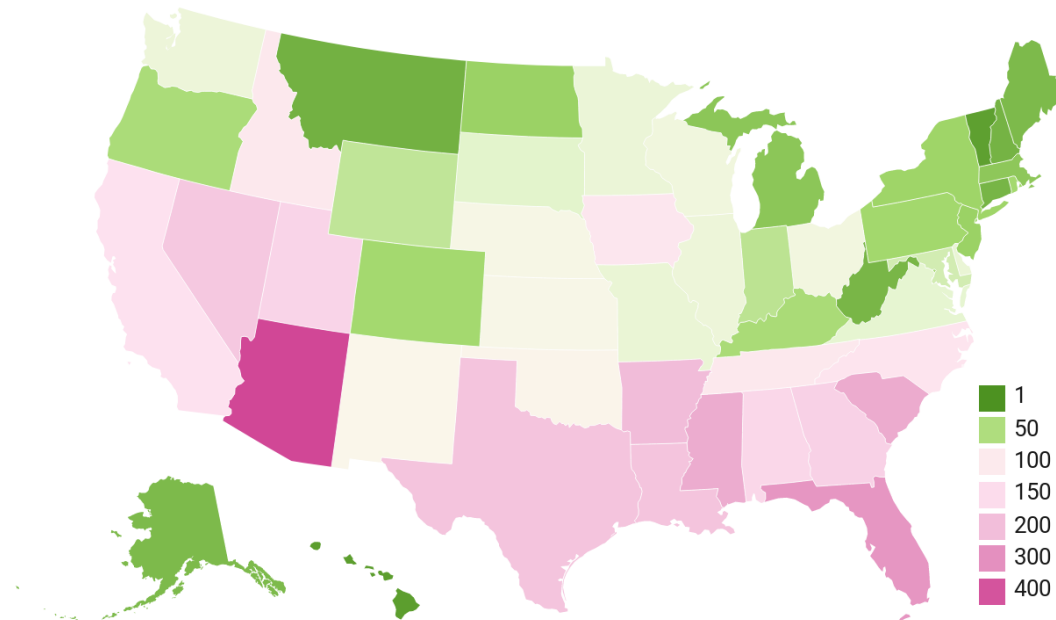
Map: Health Industry Advisor LLC • Created with Datawrapper



# The new infection rate has increased across the country in the past 2 weeks; highest in the South and West

## New Infections Per 1 Million Population

Trailing 7-Day Moving Average, As of June 28

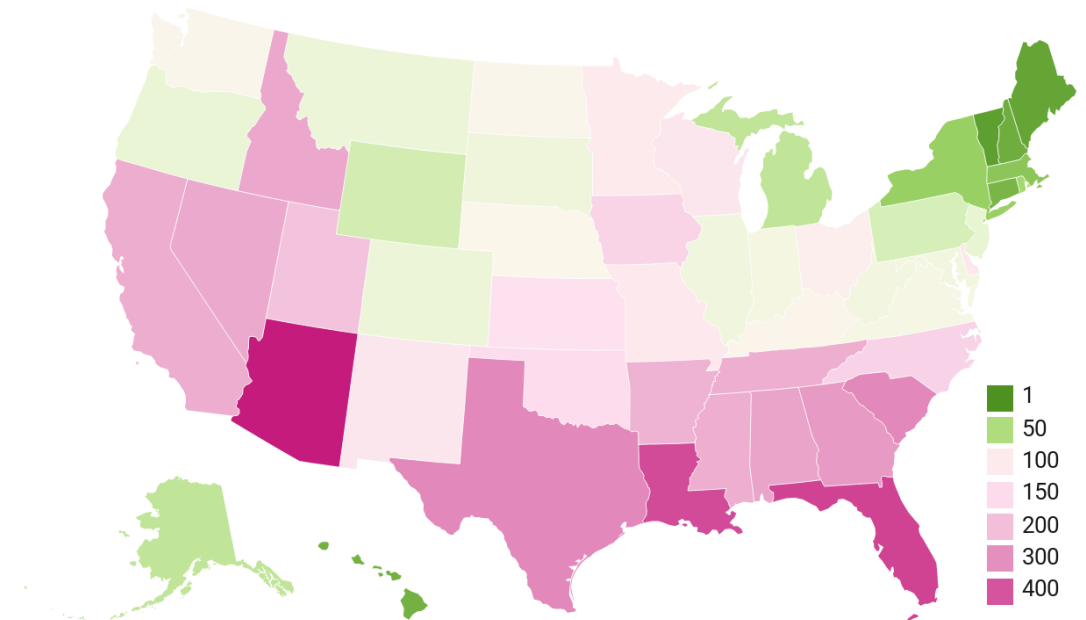


Health Industry Advisor LLC analysis

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 11

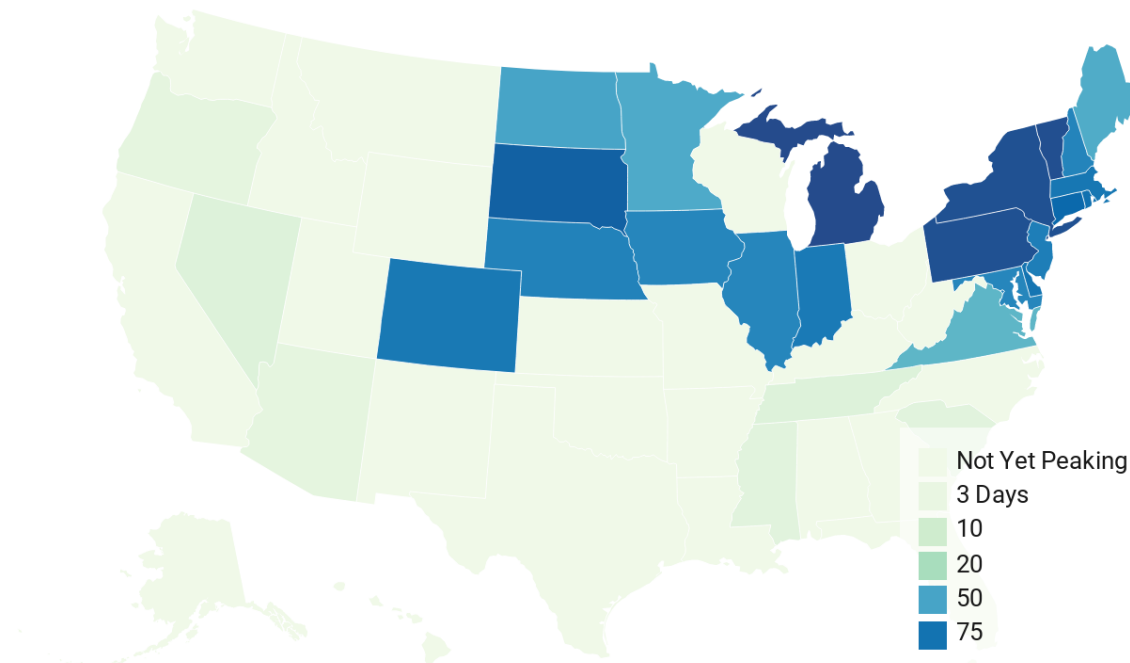


Health Industry Advisor LLC analysis

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

### Days Since Peak New Infections Per Capita

As of July 11



Health Industry Advisor LLC analysis

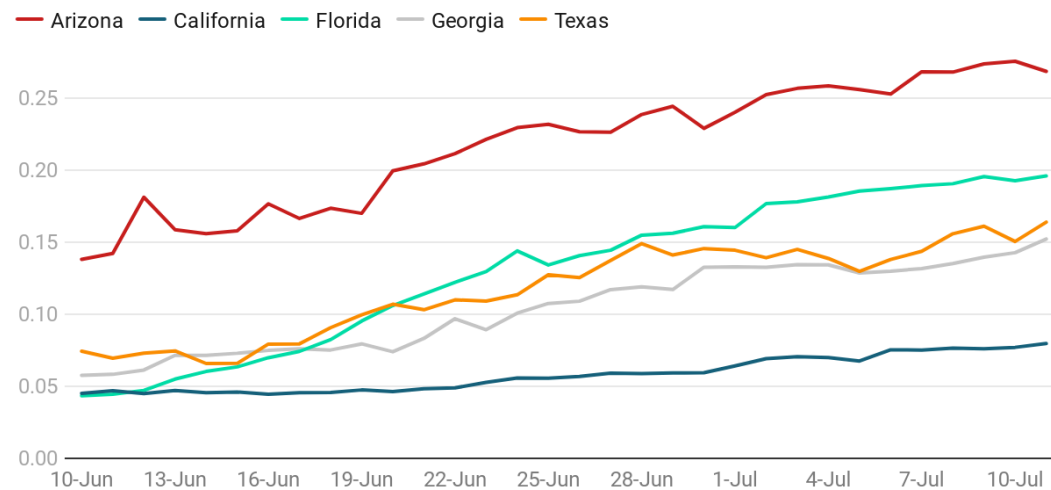
Map: Health Industry Advisor LLC • Source: [worldometers.info](https://worldometers.info) • Created with Datawrapper



## Infection rates continue to rise in all five states; test-positive rates are high & rising in all except California

### Test Positive Rate

Trailing 7-Day Moving Average

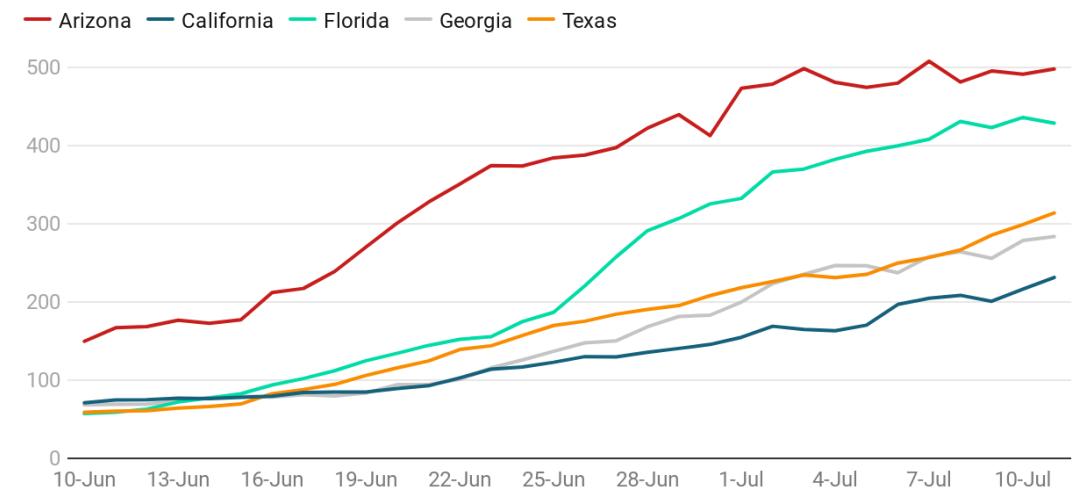


Health Industry Advisor LLC analysis

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

### New Daily Infections / 1 Million Population

Trailing 7-Day Moving Average

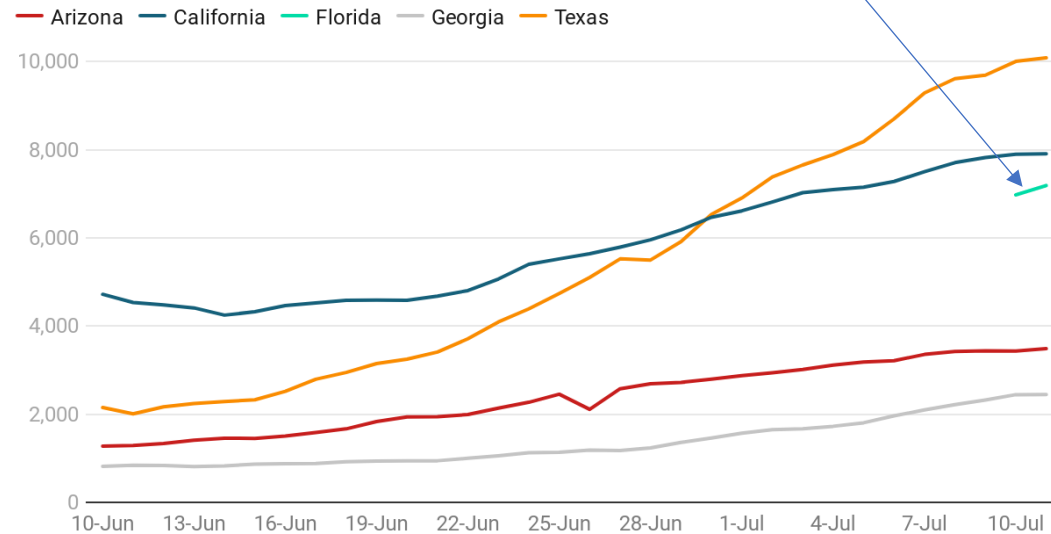


Health Industry Advisor LLC analysis

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

## Hospital rates rising most in Texas and California; Rates of adding new cases declining in Arizona and Florida

### Hospitalized COVID-19 Patients

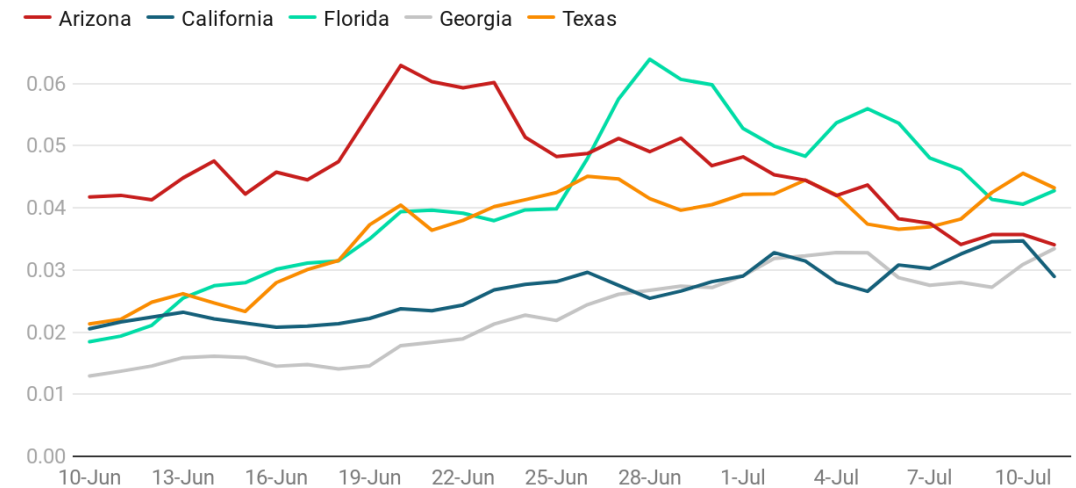


Health Industry Advisor LLC analysis

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

### Daily Change % in Total Cases

Trailing 7-Day Moving Average



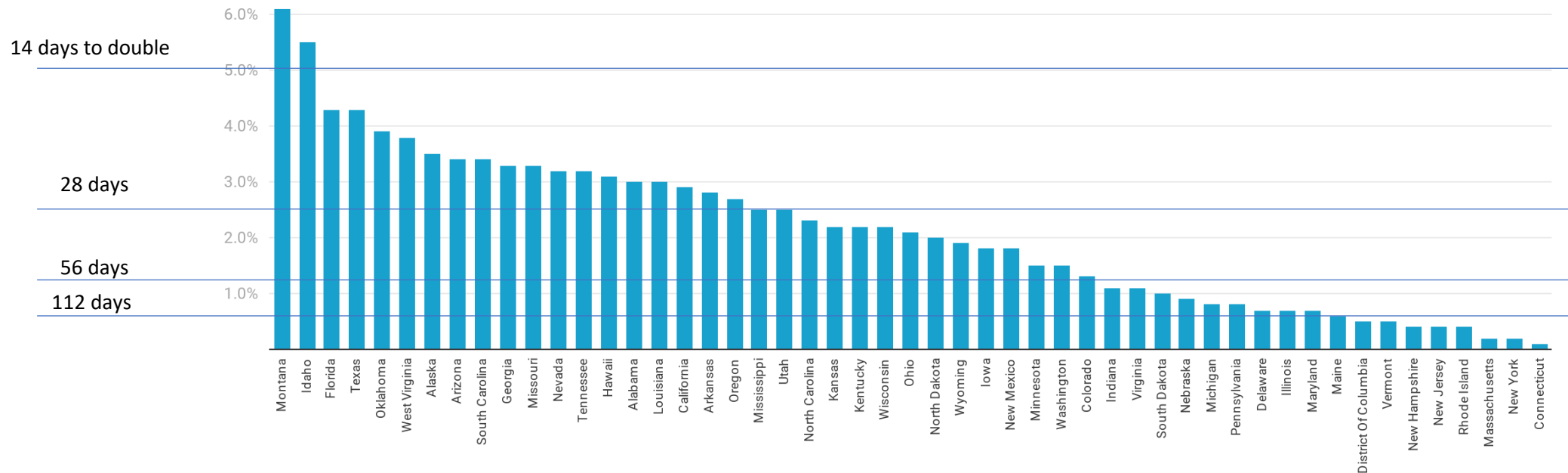
Health Industry Advisor LLC analysis

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

# At current rates, cases are doubling every 12 days in Montana; every 525 days in Connecticut

## Growth Rate in Total Cases

Trailing 5-Day Moving Average, As of July 11



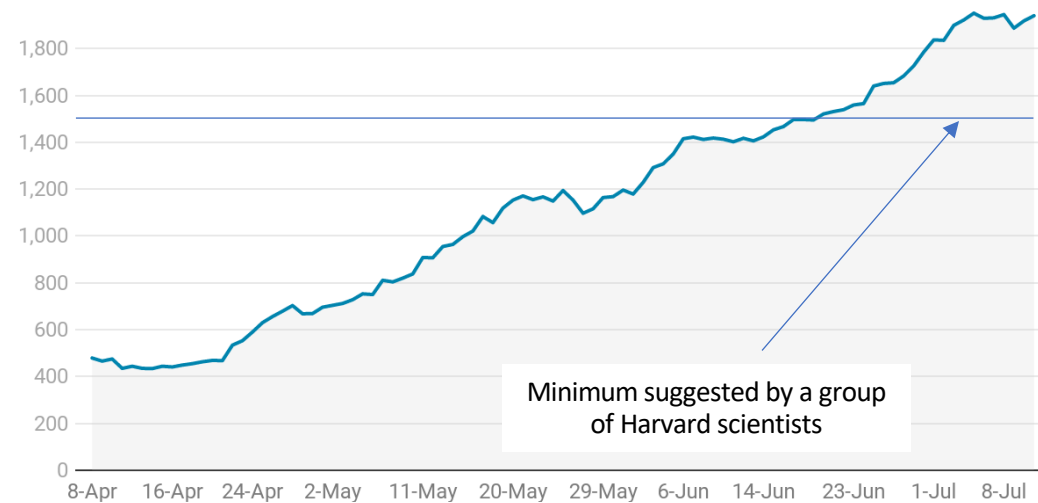
Health Industry Advisor LLC analysis

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 11

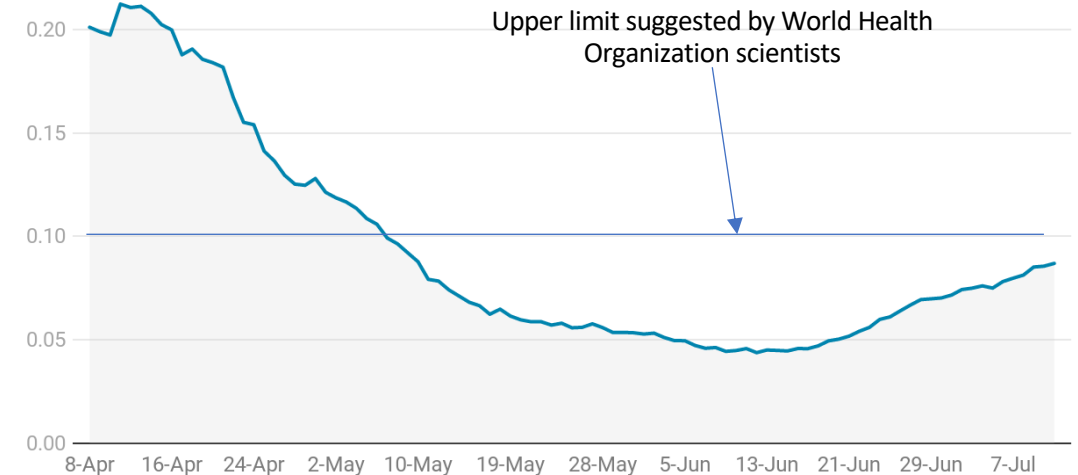


Health Industry Advisor LLC analysis

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 11



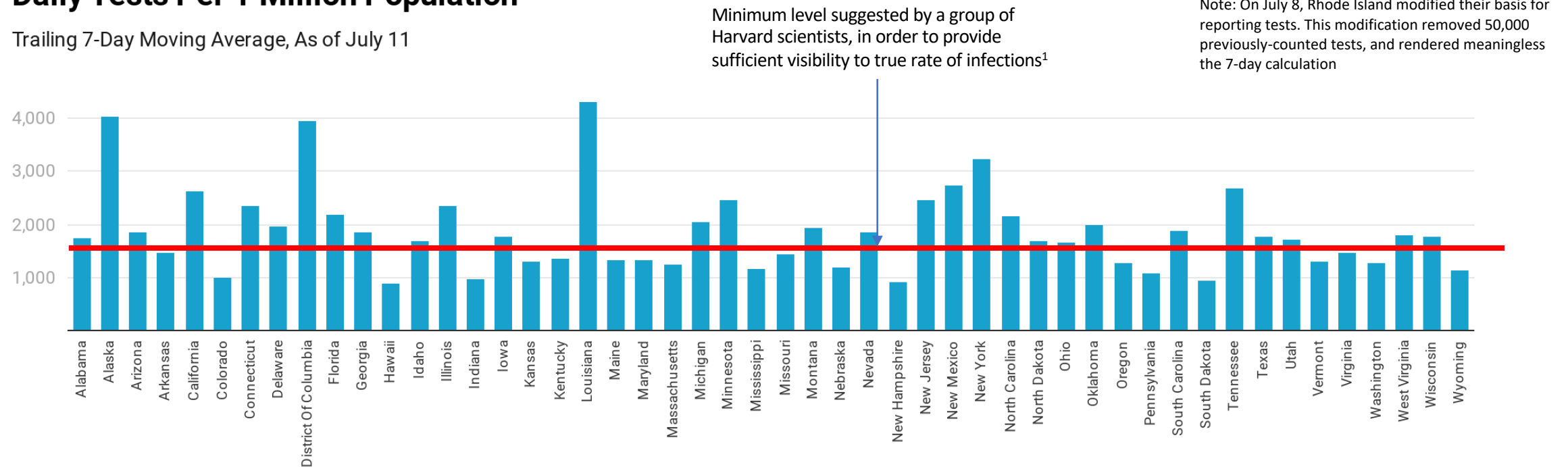
Health Industry Advisor LLC analysis

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 11



Health Industry Advisor LLC analysis

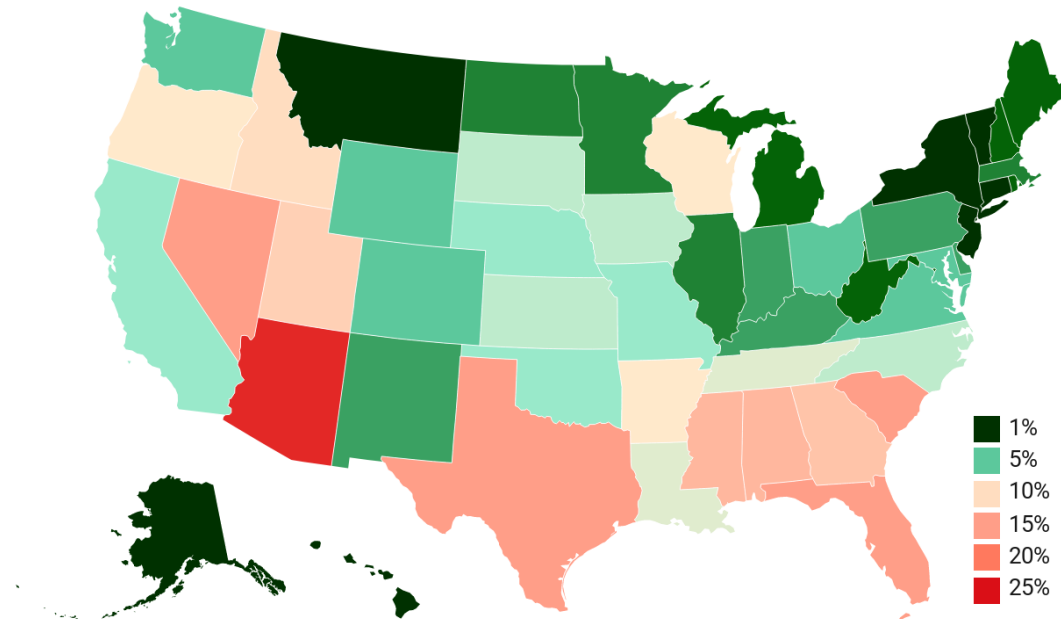
Chart: Health Industry Advisor LLC • Source: The Atlantic's Covid tracking Project • Created with Datawrapper

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 28

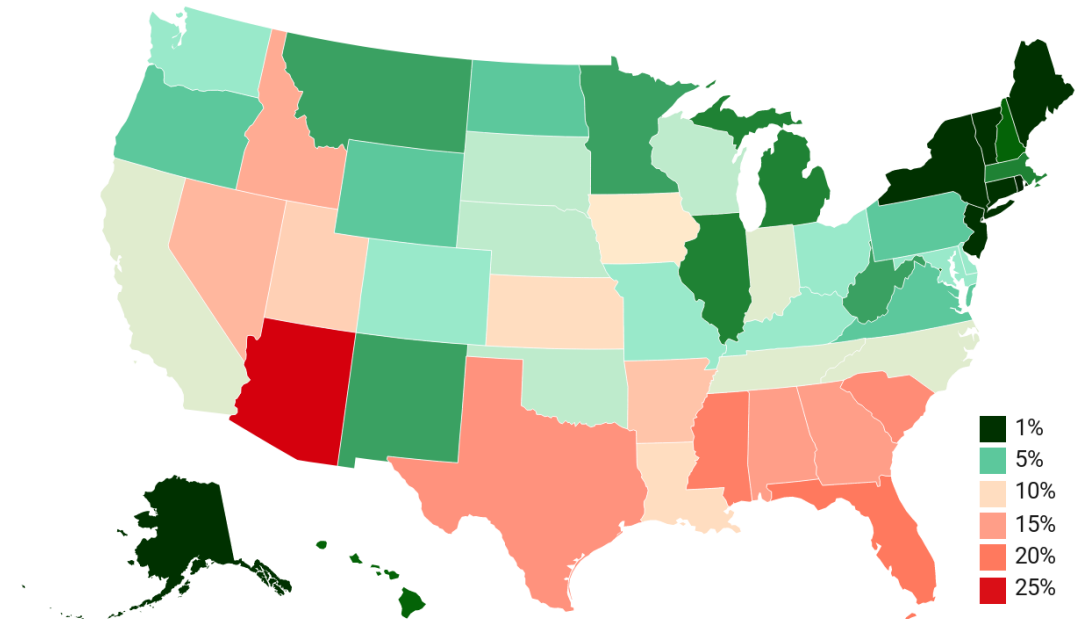


Health Industry Advisor LLC analysis

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 11



Health Industry Advisor LLC analysis

Map: Health Industry Advisor LLC • Source: The Atlantic's Covid Tracking Project • 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 11

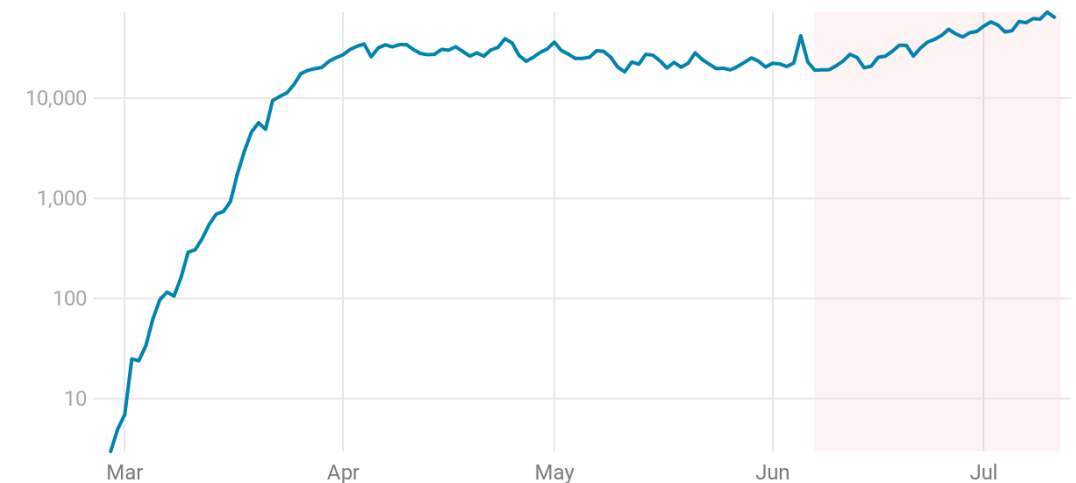


Health Industry Advisor LLC analysis

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

## New Daily Cases - United States

Log Scale, As of July 11



Health Industry Advisor LLC analysis

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

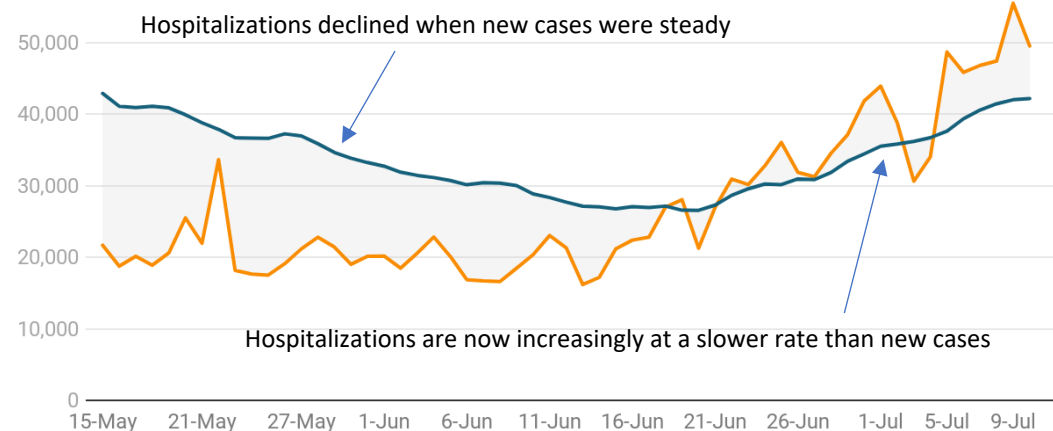


# Cases have been trending to be less severe . . . in terms of hospitalization rate, % on ventilators and % in the ICU

## Hospitalizations v. New Cases

As of July 11

— Hospitalizations — New Cases



Health Industry Advisor LLC analysis

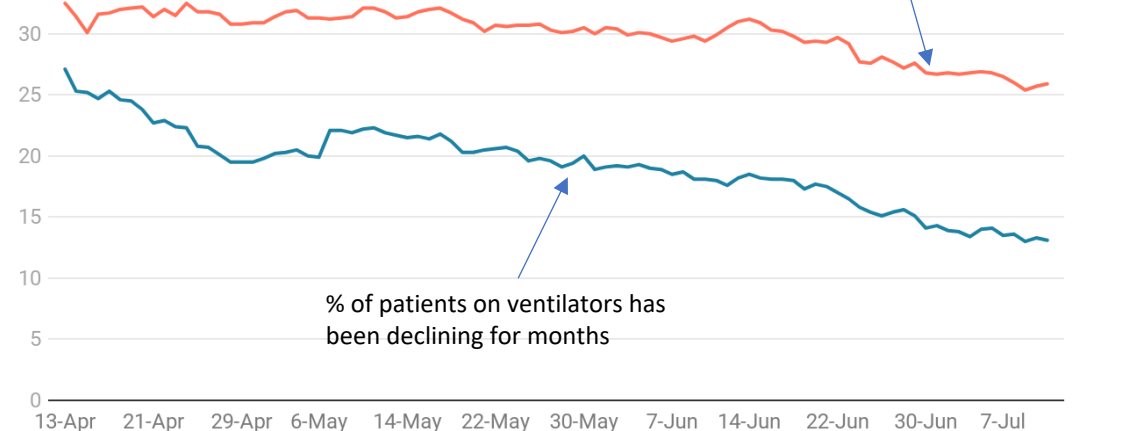
Chart: Health Industry Advisor LLC • Source: The Atlantic's Covid Tracking Project • Created with Datawrapper

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 11

— % vent — % icu



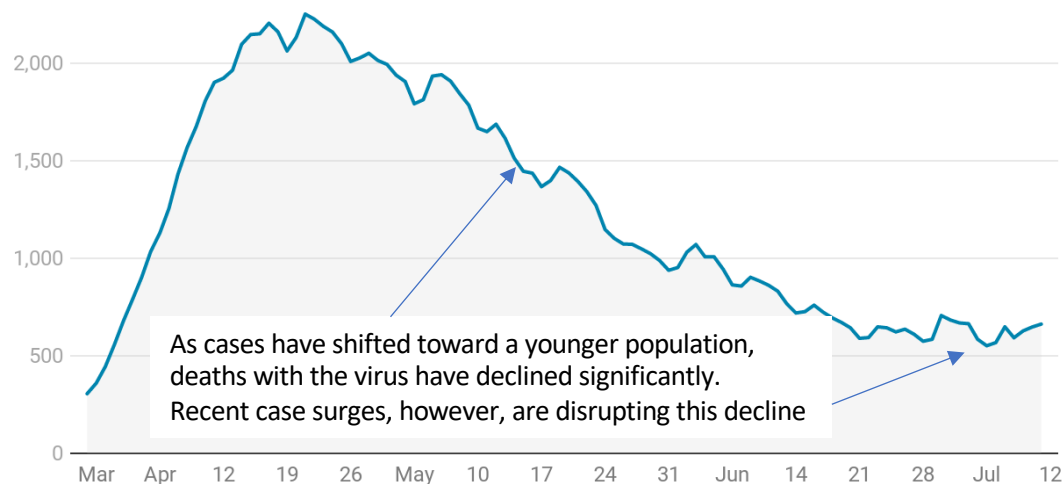
Health Industry Advisor LLC analysis

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 11

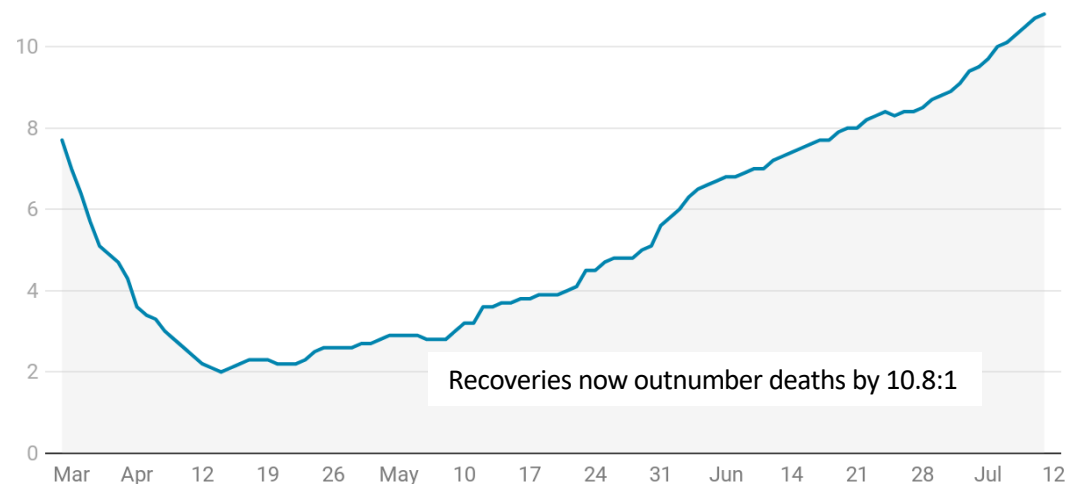


Health Industry Advisor LLC analysis

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

## Recoveries: Deaths - United States

As of July 11



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 11

| 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          | 3,355,646   | (1)  | 10,136                  | (3)   | 137,403 | (1)   | 4.1%       | (15)  | 415.0                           | (7)   | 2.0%                                  | (9)   | 2,076                                 | (2)   | 181.0                                               | (3)   |
| Brazil       | 1,840,812   | (2)  | 8,658                   | (5)   | 71,492  | (2)   | 3.9%       | (17)  | 336.3                           | (10)  | 2.5%                                  | (7)   | 834                                   | (12)  | 176.3                                               | (4)   |
| India        | 850,358     | (3)  | 616                     | (28)  | 22,687  | (8)   | 2.7%       | (20)  | 16.4                            | (27)  | 3.4%                                  | (5)   | 157                                   | (22)  | 18.1                                                | (17)  |
| Russia       | 720,547     | (4)  | 4,937                   | (11)  | 11,205  | (11)  | 1.6%       | (25)  | 76.8                            | (17)  | 0.9%                                  | (17)  | 1,604                                 | (5)   | 38.5                                                | (14)  |
| Peru         | 322,710     | (5)  | 9,784                   | (4)   | 11,682  | (10)  | 3.6%       | (18)  | 354.2                           | (9)   | 1.1%                                  | (15)  | 614                                   | (16)  | 102.3                                               | (6)   |
| Chile        | 312,029     | (6)  | 16,319                  | (2)   | 6,881   | (15)  | 2.2%       | (22)  | 359.9                           | (8)   | 0.9%                                  | (18)  | 818                                   | (13)  | 150.8                                               | (5)   |
| Spain        | 300,988     | (7)  | 6,438                   | (9)   | 28,403  | (7)   | 9.4%       | (6)   | 607.5                           | (3)   | 0.1%                                  | (28)  | 873                                   | (10)  | 10.3                                                | (21)  |
| Mexico       | 289,174     | (8)  | 2,242                   | (22)  | 34,191  | (5)   | 11.8%      | (5)   | 265.1                           | (12)  | 2.4%                                  | (8)   | 89                                    | (25)  | 41.0                                                | (13)  |
| UK           | 288,953     | (9)  | 4,256                   | (13)  | 44,798  | (3)   | 15.5%      | (3)   | 659.8                           | (2)   | 0.2%                                  | (25)  | 3,031                                 | (1)   | 8.5                                                 | (23)  |
| South Africa | 264,184     | (10) | 4,453                   | (12)  | 3,971   | (22)  | 1.5%       | (26)  | 66.9                            | (19)  | 5.1%                                  | (1)   | 761                                   | (14)  | 183.5                                               | (2)   |
| Iran         | 255,117     | (11) | 3,036                   | (16)  | 12,635  | (9)   | 5.0%       | (11)  | 150.4                           | (14)  | 1.0%                                  | (16)  | 258                                   | (20)  | 25.0                                                | (15)  |
| Pakistan     | 246,351     | (12) | 1,115                   | (25)  | 5,123   | (18)  | 2.1%       | (23)  | 23.2                            | (26)  | 1.2%                                  | (14)  | 90                                    | (24)  | 11.6                                                | (20)  |
| Italy        | 242,827     | (13) | 4,016                   | (14)  | 34,945  | (4)   | 14.4%      | (4)   | 578.0                           | (4)   | 0.1%                                  | (29)  | 709                                   | (15)  | 3.3                                                 | (29)  |
| Saudi Arabia | 229,480     | (14) | 6,589                   | (8)   | 2,181   | (27)  | 1.0%       | (28)  | 62.6                            | (21)  | 1.4%                                  | (12)  | 1,649                                 | (3)   | 96.6                                                | (7)   |
| Turkey       | 211,981     | (15) | 2,513                   | (20)  | 5,344   | (17)  | 2.5%       | (21)  | 63.3                            | (20)  | 0.5%                                  | (21)  | 585                                   | (17)  | 12.5                                                | (19)  |
| Germany      | 199,812     | (16) | 2,385                   | (21)  | 9,134   | (13)  | 4.6%       | (14)  | 109.0                           | (15)  | 0.2%                                  | (26)  | 856                                   | (11)  | 4.1                                                 | (28)  |
| Bangladesh   | 181,129     | (17) | 1,100                   | (26)  | 2,305   | (26)  | 1.3%       | (27)  | 14.0                            | (28)  | 1.8%                                  | (10)  | 72                                    | (26)  | 16.2                                                | (18)  |
| France       | 170,752     | (18) | 2,616                   | (19)  | 30,004  | (6)   | 17.6%      | (1)   | 459.6                           | (6)   | 0.3%                                  | (23)  | (0)                                   | (30)  | 8.3                                                 | (24)  |
| Colombia     | 145,362     | (19) | 2,856                   | (17)  | 5,119   | (19)  | 3.5%       | (19)  | 100.6                           | (16)  | 3.9%                                  | (3)   | 466                                   | (18)  | 89.7                                                | (8)   |
| Canada       | 107,347     | (20) | 2,844                   | (18)  | 8,773   | (14)  | 8.2%       | (7)   | 232.4                           | (13)  | 0.3%                                  | (24)  | 1,014                                 | (7)   | 7.7                                                 | (26)  |
| Qatar        | 103,128     | (21) | 36,729                  | (1)   | 146     | (30)  | 0.1%       | (30)  | 52.0                            | (22)  | 0.5%                                  | (19)  | 1,644                                 | (4)   | 200.7                                               | (1)   |
| Argentina    | 97,509      | (22) | 2,157                   | (23)  | 1,810   | (28)  | 1.9%       | (24)  | 40.0                            | (24)  | 3.9%                                  | (2)   | 207                                   | (21)  | 69.9                                                | (9)   |
| China        | 83,587      | (23) | 58                      | (30)  | 4,634   | (21)  | 5.5%       | (10)  | 3.2                             | (30)  | 0.0%                                  | (30)  | -                                     | (28)  | 0.0                                                 | (30)  |
| Egypt        | 81,158      | (24) | 793                     | (27)  | 3,769   | (23)  | 4.6%       | (13)  | 36.8                            | (25)  | 1.3%                                  | (13)  | -                                     | (28)  | 9.9                                                 | (22)  |
| Iraq         | 75,194      | (25) | 1,869                   | (24)  | 3,055   | (25)  | 4.1%       | (16)  | 75.9                            | (18)  | 3.8%                                  | (4)   | 291                                   | (19)  | 59.8                                                | (10)  |
| Sweden       | 74,898      | (26) | 7,415                   | (6)   | 5,526   | (16)  | 7.4%       | (9)   | 547.1                           | (5)   | 0.5%                                  | (20)  | 1,143                                 | (6)   | 49.2                                                | (11)  |
| Indonesia    | 74,018      | (27) | 271                     | (29)  | 3,535   | (24)  | 4.8%       | (12)  | 12.9                            | (29)  | 2.6%                                  | (6)   | 64                                    | (27)  | 5.4                                                 | (27)  |
| Ecuador      | 67,209      | (28) | 3,808                   | (15)  | 5,031   | (20)  | 7.5%       | (8)   | 285.0                           | (11)  | 1.5%                                  | (11)  | 155                                   | (23)  | 45.9                                                | (12)  |
| Belarus      | 64,767      | (29) | 6,854                   | (7)   | 459     | (29)  | 0.7%       | (29)  | 48.6                            | (23)  | 0.3%                                  | (22)  | 965                                   | (8)   | 22.6                                                | (16)  |
| Belgium      | 62,469      | (30) | 5,389                   | (10)  | 9,782   | (12)  | 15.7%      | (2)   | 843.9                           | (1)   | 0.1%                                  | (27)  | 951                                   | (9)   | 7.8                                                 | (25)  |

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

As of July 11

| 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              | 51,947      | (19) | 10,594.5                | (18)  | 1,114  | (24)  | 2.1%       | (32)  | 227.2                           | (24)  | 3.0%                                  | (16)  | 1,746                               | (26)  | 251.8                                          | (7)   |
| Alaska               | 1,385       | (49) | 1,893.3                 | (49)  | 17     | (51)  | 1.2%       | (46)  | 23.2                            | (50)  | 3.5%                                  | (7)   | 4,031                               | (2)   | 50.8                                           | (41)  |
| Arizona              | 119,930     | (7)  | 16,476.8                | (4)   | 2,151  | (16)  | 1.8%       | (37)  | 295.5                           | (16)  | 3.4%                                  | (8)   | 1,854                               | (21)  | 491.3                                          | (1)   |
| Arkansas             | 27,864      | (30) | 9,233.1                 | (19)  | 319    | (37)  | 1.1%       | (48)  | 105.7                           | (40)  | 2.8%                                  | (18)  | 1,456                               | (32)  | 197.9                                          | (13)  |
| California           | 319,985     | (2)  | 8,098.4                 | (26)  | 7,026  | (5)   | 2.2%       | (30)  | 177.8                           | (30)  | 2.9%                                  | (17)  | 2,613                               | (7)   | 216.4                                          | (12)  |
| Colorado             | 36,591      | (24) | 6,354.0                 | (34)  | 1,725  | (18)  | 4.7%       | (13)  | 299.5                           | (15)  | 1.3%                                  | (33)  | 995                                 | (46)  | 64.0                                           | (35)  |
| Connecticut          | 47,287      | (21) | 13,263.2                | (8)   | 4,348  | (8)   | 9.2%       | (1)   | 1,219.5                         | (3)   | 0.1%                                  | (51)  | 2,346                               | (11)  | 22.8                                           | (47)  |
| Delaware             | 12,743      | (38) | 13,086.3                | (9)   | 517    | (34)  | 4.1%       | (17)  | 530.9                           | (12)  | 0.7%                                  | (41)  | 1,969                               | (16)  | 106.9                                          | (21)  |
| District Of Columbia | 10,801      | (40) | 15,304.3                | (7)   | 568    | (32)  | 5.3%       | (10)  | 804.8                           | (6)   | 0.5%                                  | (44)  | 3,946                               | (3)   | 62.3                                           | (36)  |
| Florida              | 254,511     | (4)  | 11,850.0                | (13)  | 4,197  | (9)   | 1.6%       | (40)  | 195.4                           | (25)  | 4.3%                                  | (4)   | 2,187                               | (12)  | 436.0                                          | (2)   |
| Georgia              | 114,401     | (8)  | 10,774.8                | (16)  | 2,996  | (14)  | 2.6%       | (26)  | 282.2                           | (18)  | 3.3%                                  | (10)  | 1,864                               | (19)  | 278.8                                          | (6)   |
| Hawaii               | 1,200       | (51) | 847.5                   | (51)  | 19     | (50)  | 1.6%       | (41)  | 13.4                            | (51)  | 3.1%                                  | (14)  | 884                                 | (50)  | 18.5                                           | (48)  |
| Idaho                | 10,505      | (41) | 5,862.0                 | (36)  | 102    | (44)  | 1.0%       | (50)  | 56.9                            | (45)  | 5.5%                                  | (2)   | 1,697                               | (28)  | 233.9                                          | (10)  |
| Illinois             | 154,094     | (6)  | 12,160.4                | (10)  | 7,369  | (4)   | 4.8%       | (11)  | 581.5                           | (9)   | 0.7%                                  | (42)  | 2,363                               | (10)  | 67.9                                           | (34)  |
| Indiana              | 51,079      | (20) | 7,587.2                 | (30)  | 2,756  | (15)  | 5.4%       | (9)   | 409.4                           | (14)  | 1.1%                                  | (34)  | 973                                 | (47)  | 71.8                                           | (30)  |
| Iowa                 | 34,658      | (27) | 10,984.9                | (14)  | 748    | (28)  | 2.2%       | (31)  | 237.1                           | (22)  | 1.8%                                  | (30)  | 1,782                               | (23)  | 169.2                                          | (15)  |
| Kansas               | 18,890      | (35) | 6,484.0                 | (33)  | 294    | (38)  | 1.6%       | (42)  | 100.9                           | (41)  | 2.2%                                  | (24)  | 1,286                               | (38)  | 133.3                                          | (18)  |
| Kentucky             | 19,121      | (34) | 4,279.9                 | (43)  | 622    | (30)  | 3.3%       | (23)  | 139.2                           | (34)  | 2.2%                                  | (23)  | 1,351                               | (34)  | 73.4                                           | (29)  |
| Louisiana            | 76,803      | (12) | 16,521.1                | (3)   | 3,408  | (10)  | 4.4%       | (15)  | 733.1                           | (7)   | 3.0%                                  | (15)  | 4,312                               | (1)   | 348.7                                          | (3)   |
| Maine                | 3,520       | (46) | 2,618.6                 | (46)  | 112    | (42)  | 3.2%       | (24)  | 83.3                            | (43)  | 0.6%                                  | (43)  | 1,327                               | (35)  | 13.4                                           | (50)  |
| Maryland             | 72,467      | (14) | 11,986.6                | (11)  | 3,310  | (11)  | 4.6%       | (14)  | 547.5                           | (10)  | 0.7%                                  | (40)  | 1,322                               | (36)  | 69.7                                           | (31)  |
| Massachusetts        | 111,398     | (9)  | 16,029.6                | (6)   | 8,310  | (3)   | 7.5%       | (5)   | 1,195.8                         | (4)   | 0.2%                                  | (49)  | 1,245                               | (41)  | 30.5                                           | (45)  |
| Michigan             | 76,370      | (13) | 7,647.1                 | (29)  | 6,313  | (7)   | 8.3%       | (3)   | 632.1                           | (8)   | 0.8%                                  | (39)  | 2,059                               | (14)  | 50.2                                           | (42)  |
| Minnesota            | 41,571      | (22) | 7,371.2                 | (31)  | 1,537  | (19)  | 3.7%       | (19)  | 272.5                           | (19)  | 1.5%                                  | (31)  | 2,455                               | (9)   | 79.6                                           | (27)  |
| Mississippi          | 35,419      | (26) | 11,900.9                | (12)  | 1,230  | (22)  | 3.5%       | (22)  | 413.3                           | (13)  | 2.5%                                  | (20)  | 1,173                               | (43)  | 237.0                                          | (9)   |

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

As of July 11

| 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       | 28,745      | (29) | 4,683.6                 | (41)  | 1,117   | (23)  | 3.9%       | (18)  | 182.0                           | (29)  | 3.3%                                  | (11)  | 1,450                               | (33)  | 96.3                                           | (22)  |
| Montana        | 1,677       | (48) | 1,569.1                 | (50)  | 29      | (48)  | 1.7%       | (39)  | 27.1                            | (49)  | 6.1%                                  | (1)   | 1,926                               | (17)  | 62.2                                           | (37)  |
| Nebraska       | 20,998      | (32) | 10,855.0                | (15)  | 285     | (39)  | 1.4%       | (44)  | 147.3                           | (31)  | 0.9%                                  | (37)  | 1,201                               | (42)  | 82.5                                           | (25)  |
| Nevada         | 26,838      | (31) | 8,713.2                 | (23)  | 592     | (31)  | 2.2%       | (29)  | 192.2                           | (26)  | 3.2%                                  | (12)  | 1,855                               | (20)  | 240.7                                          | (8)   |
| New Hampshire  | 6,024       | (43) | 4,430.4                 | (42)  | 391     | (36)  | 6.5%       | (7)   | 287.6                           | (17)  | 0.4%                                  | (47)  | 899                                 | (49)  | 14.1                                           | (49)  |
| New Jersey     | 180,672     | (5)  | 20,340.9                | (2)   | 15,603  | (2)   | 8.6%       | (2)   | 1,756.7                         | (1)   | 0.4%                                  | (48)  | 2,457                               | (8)   | 28.4                                           | (46)  |
| New Mexico     | 14,773      | (37) | 7,045.4                 | (32)  | 543     | (33)  | 3.7%       | (20)  | 259.0                           | (21)  | 1.8%                                  | (29)  | 2,739                               | (5)   | 120.8                                          | (19)  |
| New York       | 426,807     | (1)  | 21,939.8                | (1)   | 32,393  | (1)   | 7.6%       | (4)   | 1,665.1                         | (2)   | 0.2%                                  | (50)  | 3,234                               | (4)   | 38.5                                           | (44)  |
| North Carolina | 83,820      | (11) | 7,991.9                 | (27)  | 1,523   | (20)  | 1.8%       | (36)  | 145.2                           | (32)  | 2.3%                                  | (22)  | 2,149                               | (13)  | 149.0                                          | (16)  |
| North Dakota   | 4,243       | (44) | 5,567.8                 | (37)  | 87      | (46)  | 2.1%       | (34)  | 114.2                           | (36)  | 2.0%                                  | (27)  | 1,673                               | (29)  | 81.0                                           | (26)  |
| Ohio           | 64,230      | (16) | 5,494.9                 | (38)  | 3,041   | (13)  | 4.7%       | (12)  | 260.2                           | (20)  | 2.1%                                  | (26)  | 1,646                               | (30)  | 87.0                                           | (24)  |
| Oklahoma       | 19,779      | (33) | 4,998.5                 | (40)  | 421     | (35)  | 2.1%       | (33)  | 106.4                           | (39)  | 3.9%                                  | (5)   | 1,999                               | (15)  | 145.4                                          | (17)  |
| Oregon         | 11,851      | (39) | 2,809.8                 | (45)  | 232     | (40)  | 2.0%       | (35)  | 55.0                            | (46)  | 2.7%                                  | (19)  | 1,259                               | (40)  | 61.6                                           | (38)  |
| Pennsylvania   | 99,229      | (10) | 7,751.1                 | (28)  | 6,953   | (6)   | 7.0%       | (6)   | 543.1                           | (11)  | 0.8%                                  | (38)  | 1,088                               | (45)  | 57.5                                           | (39)  |
| Rhode Island   | 17,312      | (36) | 16,341.9                | (5)   | 976     | (25)  | 5.6%       | (8)   | 921.3                           | (5)   | 0.4%                                  | (46)  | (11,368)                            | (51)  | 43.3                                           | (43)  |
| South Carolina | 54,699      | (18) | 10,623.8                | (17)  | 951     | (26)  | 1.7%       | (38)  | 184.7                           | (28)  | 3.4%                                  | (9)   | 1,870                               | (18)  | 302.1                                          | (4)   |
| South Dakota   | 7,454       | (42) | 8,425.8                 | (24)  | 109     | (43)  | 1.5%       | (43)  | 123.2                           | (35)  | 1.0%                                  | (36)  | 933                                 | (48)  | 68.3                                           | (33)  |
| Tennessee      | 61,006      | (17) | 8,927.9                 | (22)  | 738     | (29)  | 1.2%       | (47)  | 108.0                           | (38)  | 3.2%                                  | (13)  | 2,687                               | (6)   | 226.5                                          | (11)  |
| Texas          | 259,465     | (3)  | 8,948.3                 | (21)  | 3,228   | (12)  | 1.2%       | (45)  | 111.3                           | (37)  | 4.3%                                  | (3)   | 1,763                               | (24)  | 299.0                                          | (5)   |
| Utah           | 28,855      | (28) | 9,000.4                 | (20)  | 212     | (41)  | 0.7%       | (51)  | 66.1                            | (44)  | 2.5%                                  | (21)  | 1,722                               | (27)  | 194.1                                          | (14)  |
| Vermont        | 1,283       | (50) | 2,056.1                 | (48)  | 56      | (47)  | 4.4%       | (16)  | 89.7                            | (42)  | 0.5%                                  | (45)  | 1,290                               | (37)  | 9.4                                            | (51)  |
| Virginia       | 69,782      | (15) | 8,175.5                 | (25)  | 1,962   | (17)  | 2.8%       | (25)  | 229.9                           | (23)  | 1.1%                                  | (35)  | 1,458                               | (31)  | 76.0                                           | (28)  |
| Washington     | 40,790      | (23) | 5,356.6                 | (39)  | 1,424   | (21)  | 3.5%       | (21)  | 187.0                           | (27)  | 1.5%                                  | (32)  | 1,285                               | (39)  | 89.9                                           | (23)  |
| West Virginia  | 4,146       | (45) | 2,319.9                 | (47)  | 96      | (45)  | 2.3%       | (27)  | 53.7                            | (47)  | 3.8%                                  | (6)   | 1,790                               | (22)  | 68.5                                           | (32)  |
| Wisconsin      | 35,679      | (25) | 6,127.8                 | (35)  | 821     | (27)  | 2.3%       | (28)  | 141.0                           | (33)  | 2.2%                                  | (25)  | 1,760                               | (25)  | 108.8                                          | (20)  |
| Wyoming        | 1,839       | (47) | 3,177.5                 | (44)  | 21      | (49)  | 1.1%       | (49)  | 36.3                            | (48)  | 1.9%                                  | (28)  | 1,140                               | (44)  | 51.3                                           | (40)  |
| United States  | 3,355,646   |      | 10,137.8                |       | 136,671 |       | 4.1%       |       | 415.0                           |       | 2.0%                                  |       | 1,940                               |       | 181.0                                          |       |

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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>