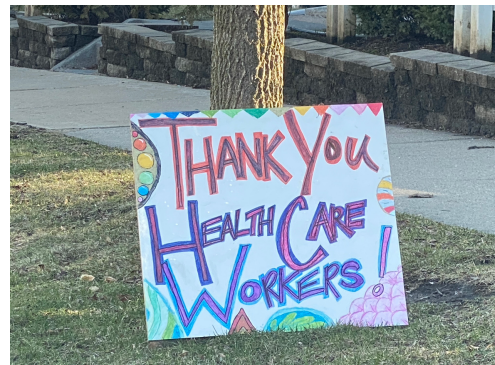
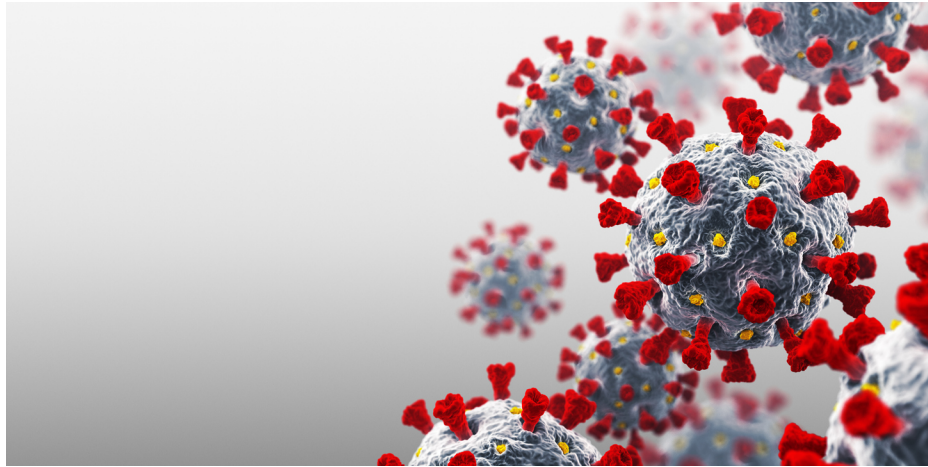
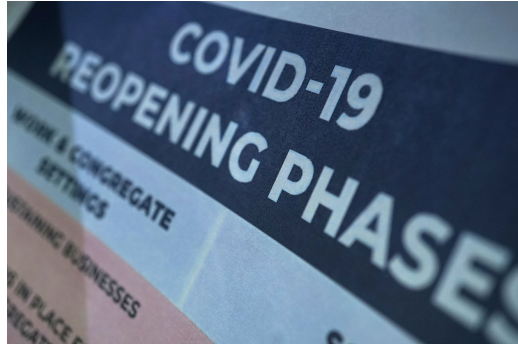




COVID-19 Report

Issue # 116

Sunday, July 26, 2020

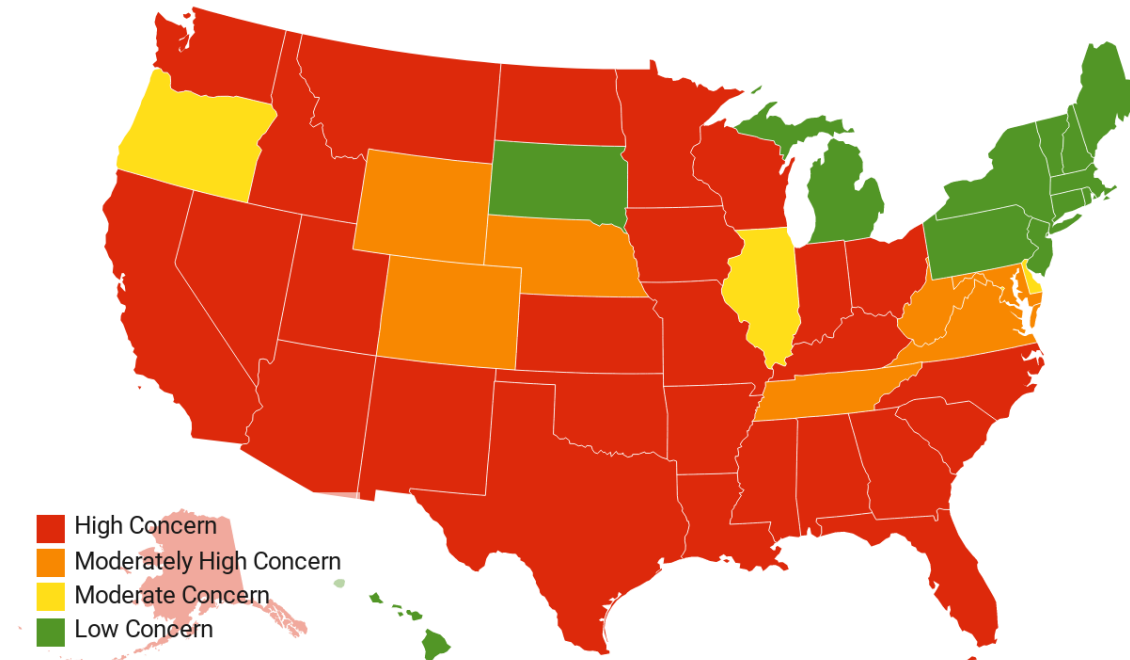
- **The virus is still too prevalent in the U.S.:**
 - We developed a model incorporating new infection rates, daily changes in case volume, test-positive rates and hospitalizations to "score" how each state is doing at a given point in time. Using this model, we find that 75% of the U.S. population resides in a state deemed of "high" or "moderately high" concern
 - For the past week, the United States had the 6th highest rate of new infections per capita, trailing only French Guiana, Oman, Bahrain, Panama and Brazil
- **The virus is not spreading as quickly as it did from the beginning of June to early July:**
 - The new daily infection rate has now been stable for 10 days, following a 3x increase from June 1 to July 16; 9 of the 11 states with the highest infection rates experienced a decline in this rate during the past week
 - The test-positive rate, which had increased by 2x from June 12-July 14, has declined by 8% since; 31 states experienced a decline in the test-positive rate during the past 2 weeks
- **The severity of cases also seems to have stabilized:**
 - The number of hospitalized COVID-19 patients has declined each of the past two days; this census has been fairly level for the past nine days, following a 16-day period during which it grew by an average of 3.4% per day
 - The % of these patients on ventilators or in the ICU is now fairly stable
 - The % of ER visits for coronavirus-like illness declined again on Wednesday (the most recently available data), continuing a 16-day trend
- **Fewer deaths with the coronavirus were reported yesterday than each of the past 5 days**
 - Still, they remain higher than experienced on all except a handful of days from June 1 - July 19
 - However, these were less than 1/2 the number reported most days in April
 - The death rate dropped to 3.46%, placing the U.S. 67th in the world on this metric. The U.S. ranks 21st in deaths per capita
- **The states recently hard-hit by the virus - Arizona, California, Florida and Texas are showing signs of improvement:**
 - The test-positive rate has declined during the past two weeks in Arizona, California and Texas; it remained stable in California, and below 10%
 - The rate of case growth declined in each of these four states during the past week
 - The rate of new infections per capita declined during the past week in Arizona, Florida and Texas; it increased, however, in California
 - The % of active cases being managed in the hospital is declining in each of these four states; total COVID-19 hospital census is declining in Arizona and has recently stabilized in California, Florida and Texas

State-By-State

Situation remains concerning: $\frac{3}{4}$ of the country's population resides in a state we consider of "High" or "Moderately High" concern

Scorecard

As of July 25



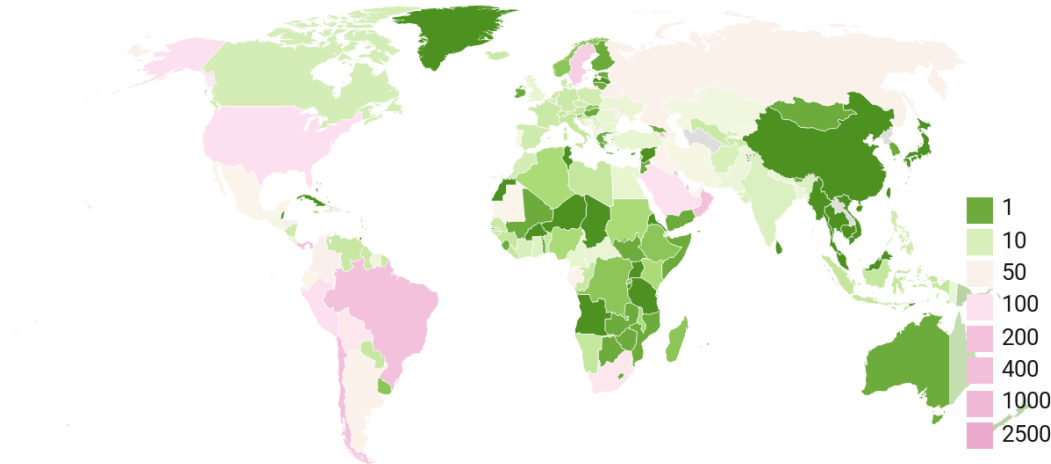
Scoring based on new infection, test-positive, hospitalization and case growth rates

Map: Health Industry Advisor LLC • Created with Datawrapper

New Infection Rates over the past month have intensified in the United States, South Africa and in South American countries

New Infections / 1 Million Population

Trailing 7-Day Moving Average, As of June 25

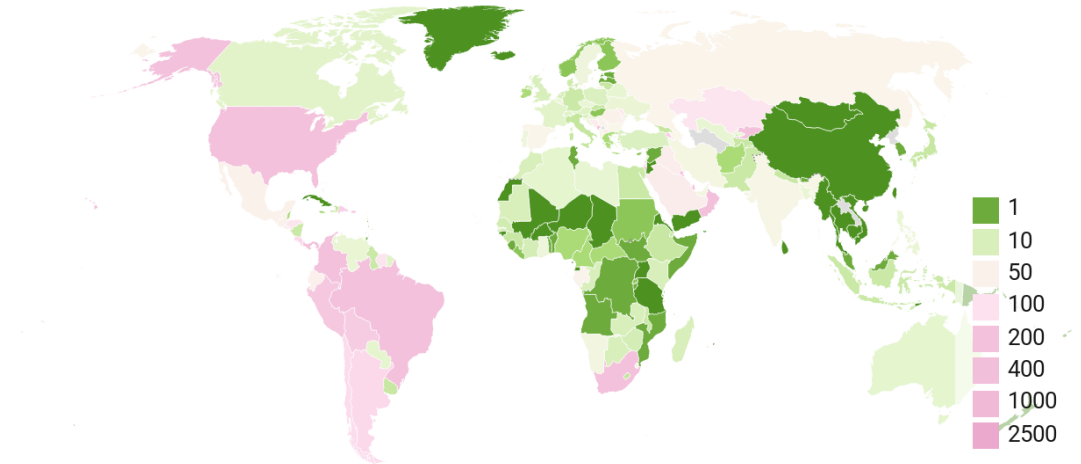


Health Industry Advisor LLC analysis

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

New Infections / 1 Million Population

Trailing 7-Day Moving Average, As of July 25

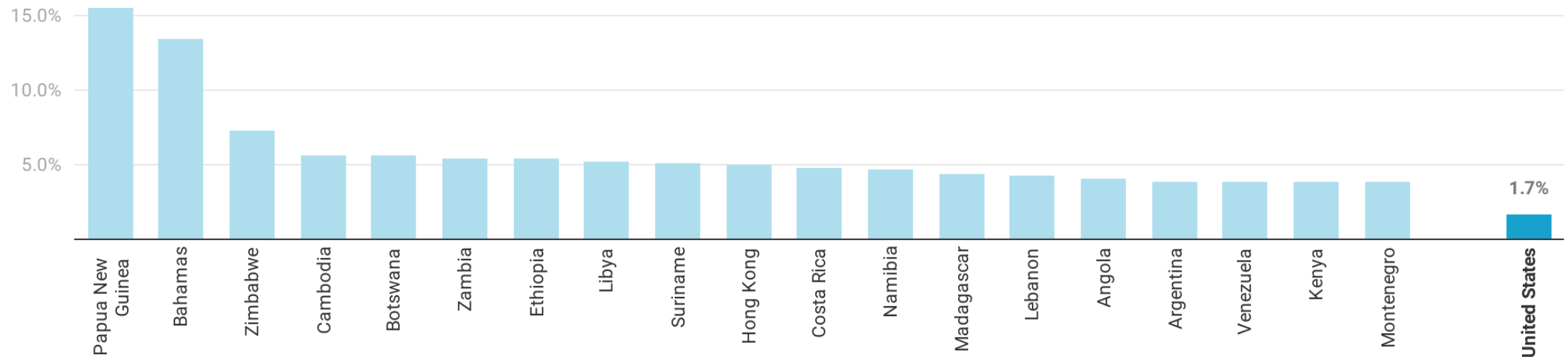


Health Industry Advisor LLC analysis

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

Daily Case Growth %

Trailing 5-Day Moving Average, As of July 25



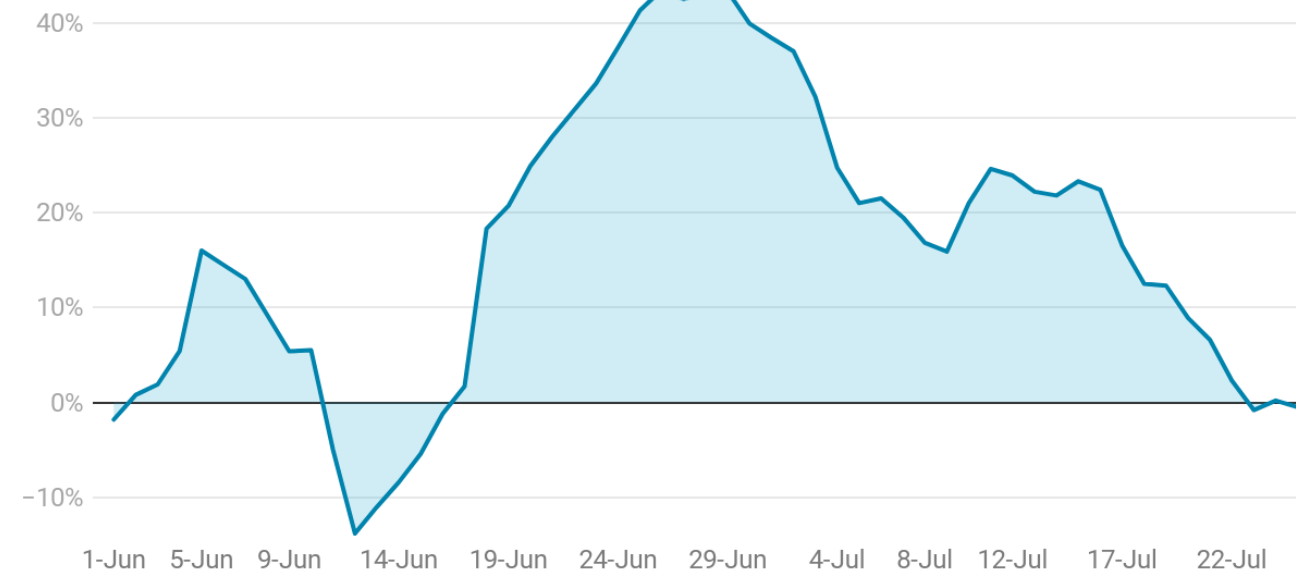
Health Industry Advisor LLC analysis

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

Leading Indicator: After weeks of slower growth, new cases have now stabilized on a week-over-week basis

Week-Over-Week Change In New Cases

United States, As of July 25



Health Industry Advisor LLC analysis

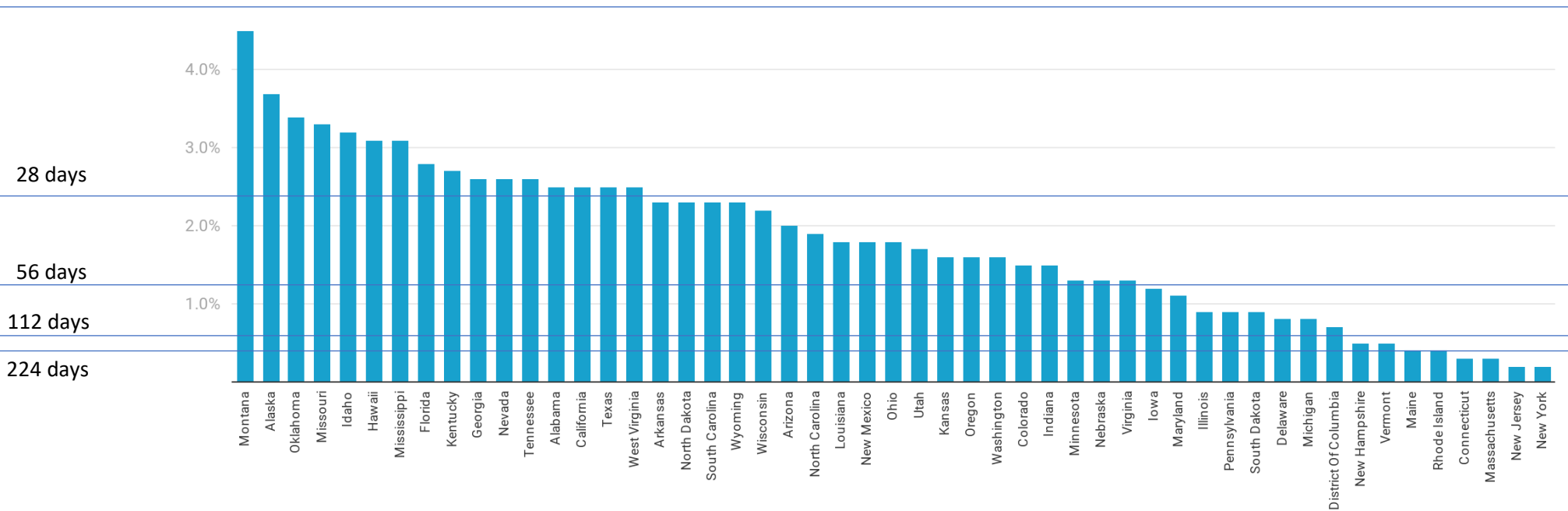
Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

At current rates, cases are doubling every 16 days in Montana; every 381 days in New Jersey; 40-41 for the United States overall

Growth Rate in Total Cases

Trailing 5-Day Moving Average, As of July 25

14 days to double



Health Industry Advisor LLC analysis

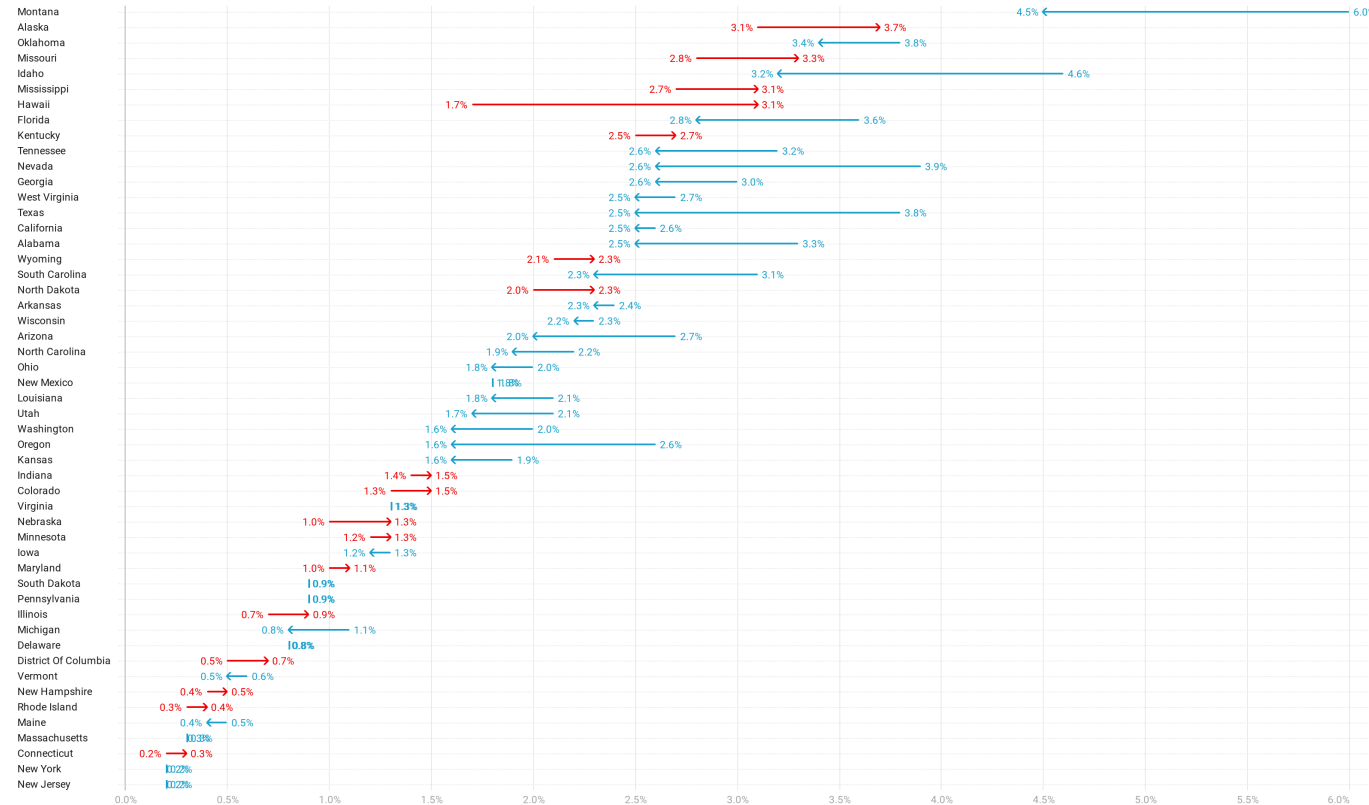
Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

United States

Leading Indicator: Over the past week, the rate of case growth has declined in most states, including Arizona, California, Florida and Texas

Change in Cases (%)

July 18 v July 25



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

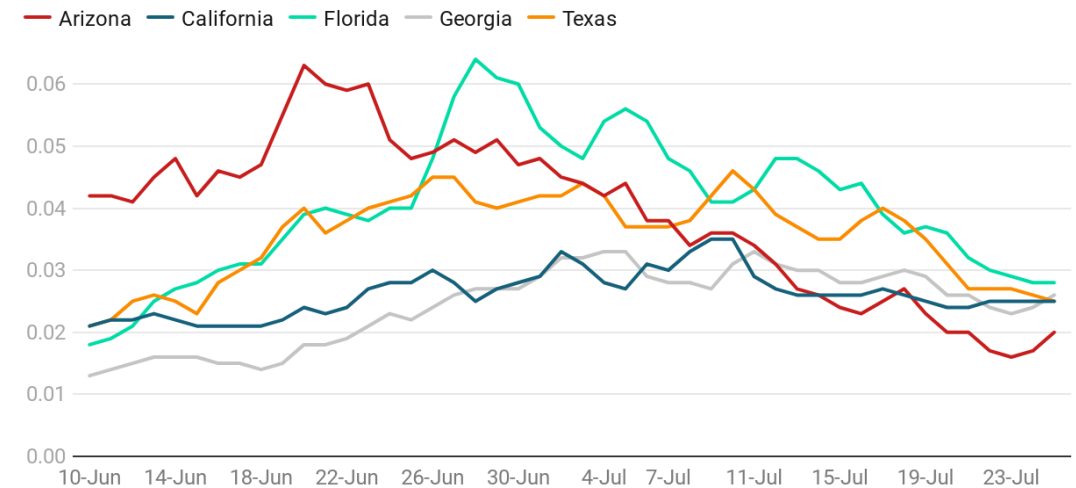
Sustained declines in the rate of case growth in hard-hit states - a leading indicator - is encouraging

Comment:

- The high transmission rate of this virus results in long periods of exponential case growth
- One key to observing this is in the rate of daily case growth on a % of total cases
- A decreasing rate often occurs prior to observing a decline in new daily cases – thus, it can serve as a “leading indicator”
- “Containment” cannot occur until after this rate of daily case growth begins to slow

Daily Change % in Total Cases

Trailing 7-Day Moving Average



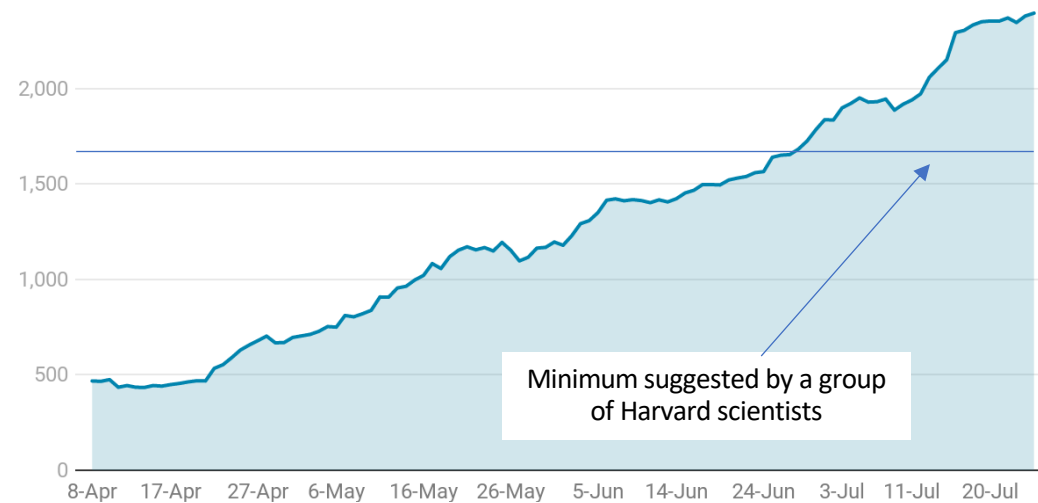
Health Industry Advisor LLC analysis

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

Testing volume continues to grow week-over-week; test-positive rate declining slightly

Daily Tests Per 1 Million - United States

Trailing 7-Day Moving Average, As of July 25

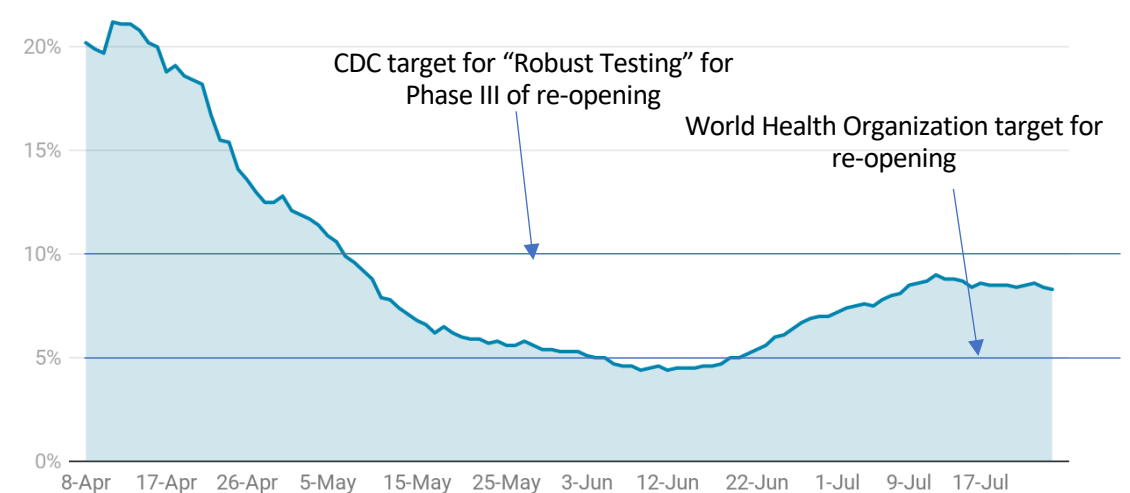


Health Industry Advisor LLC analysis

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 25



Health Industry Advisor LLC analysis

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

State-By-State

Nineteen states saw test-positive rates increase over the past 2 weeks; six of these states exceeded the 10% guideline level (CDC – Phase 3 re-opening)

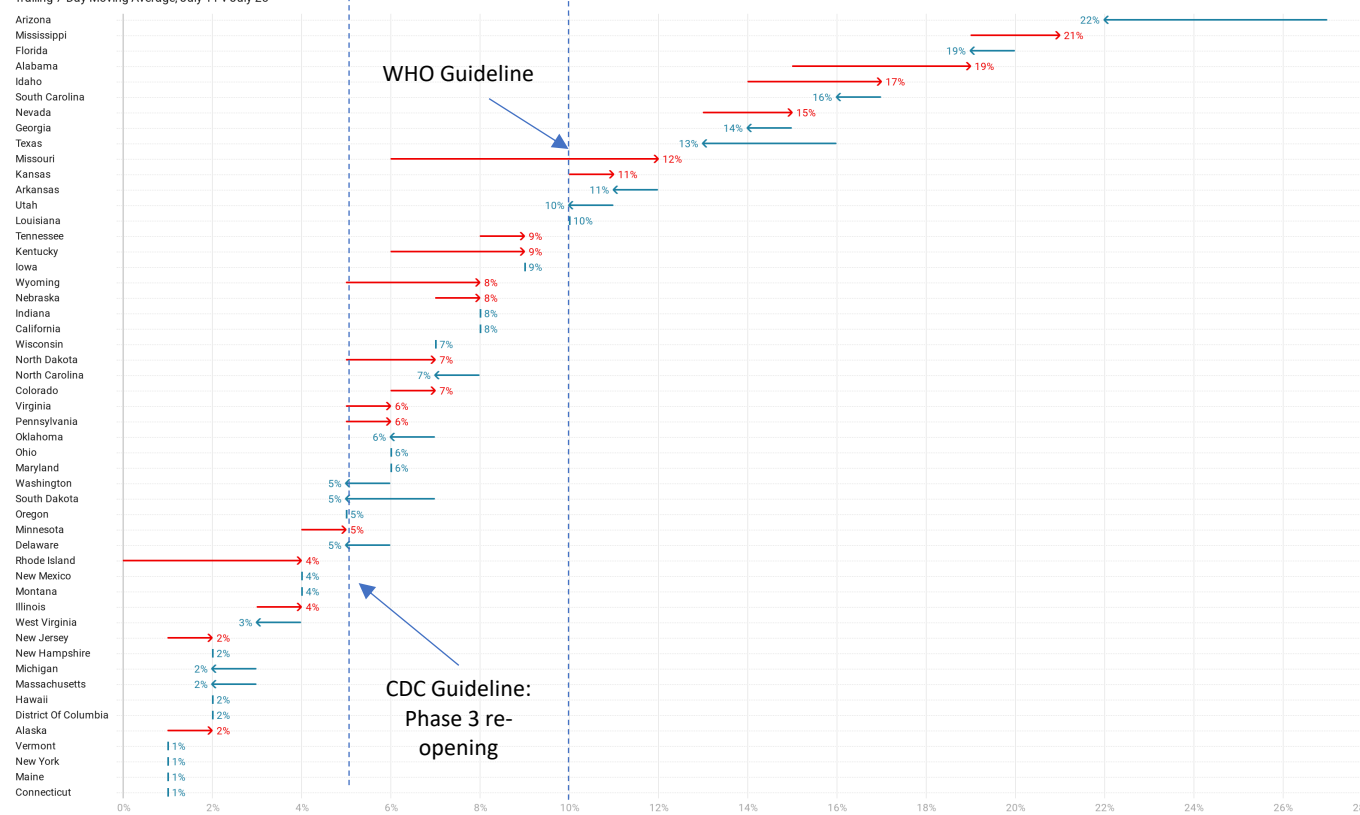
States with increasing test-positive rates, >10%:

- Alabama
- Idaho
- Kansas
- Mississippi
- Missouri
- Nevada

Arizona, Florida & Texas' rates are declining; California's is stable and below 10%

Test-Positive Rates

Trailing 7-Day Moving Average, July 11 v July 25

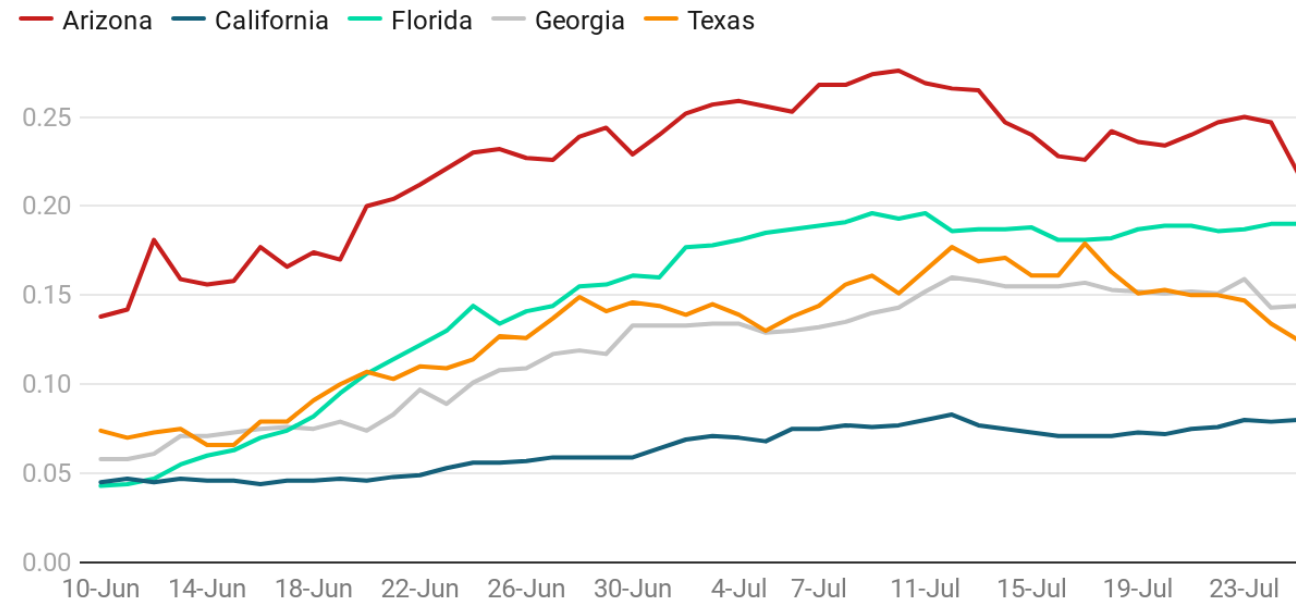


Health Industry Advisor LLC analysis
Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

Test-positive rates in hard-hit states are stabilizing or declining – a necessary but, insufficient condition for achieving containment

Test Positive Rate

Trailing 7-Day Moving Average, As of July 25



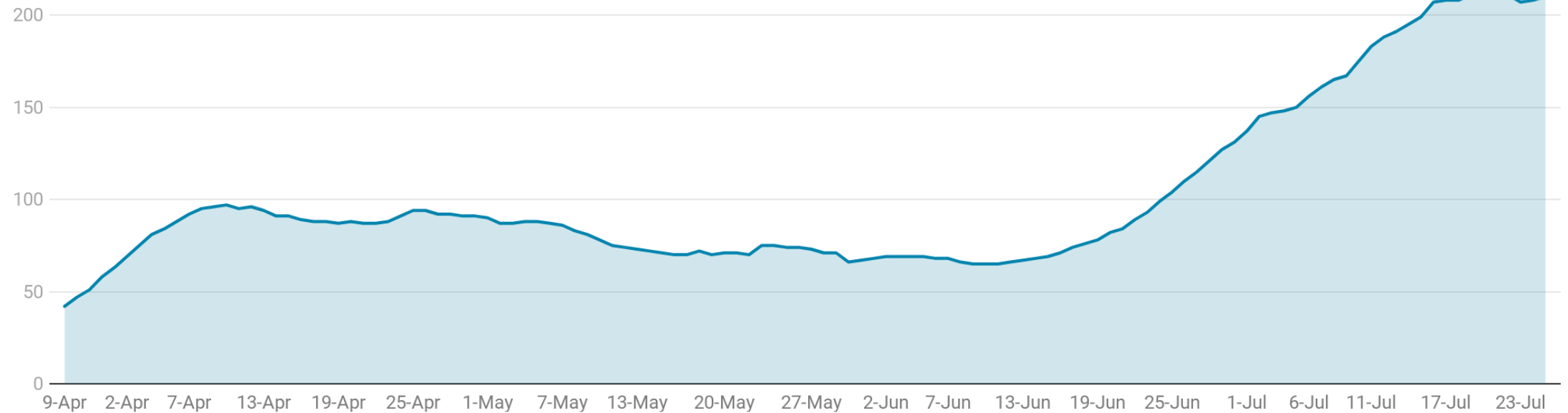
Health Industry Advisor LLC analysis

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

The new daily infection rate has stabilized over the past 10 days, after 5 weeks of accelerated growth

New Infections Per 1 Million Population - United States

Trailing 7-Day Moving Average, As of July 25



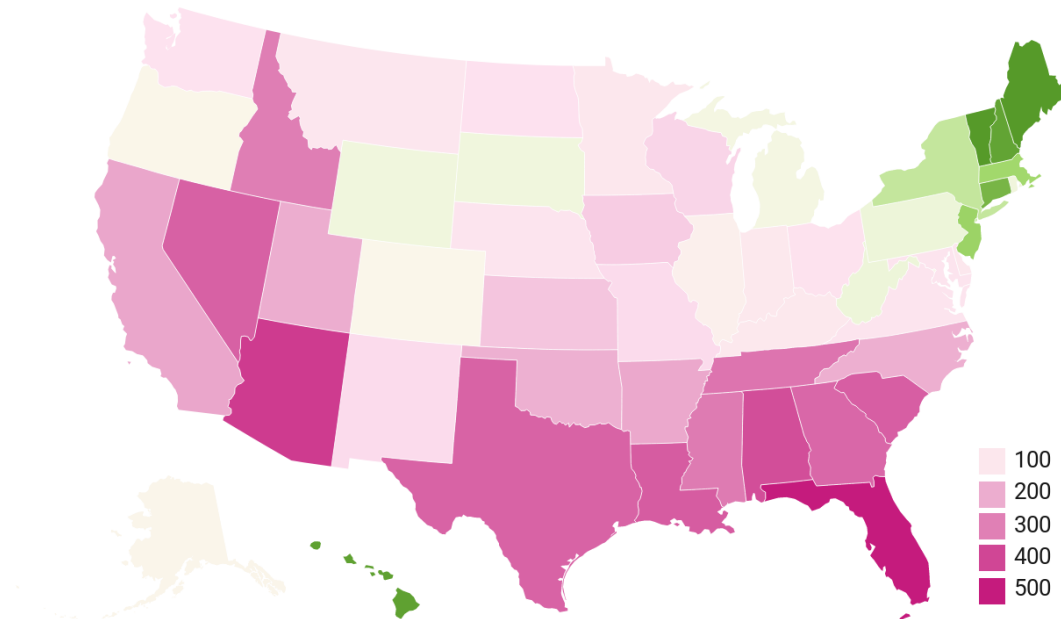
Health Industry Advisor LLC analysis

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

The new daily infection rates have been somewhat stable by state for the past week; Still highest in the South and West

New Daily Infections Per 1 Million Population

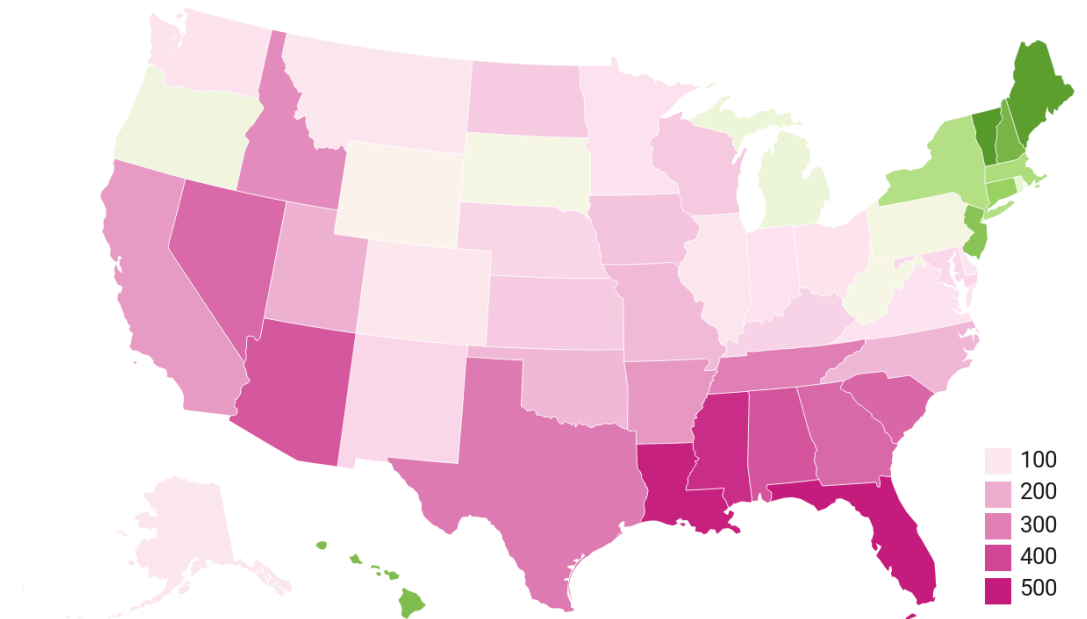
Trailing 7-Day Moving Average, As of July 18



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

New Daily Infections Per 1 Million Population

Trailing 7-Day Moving Average, As of July 25



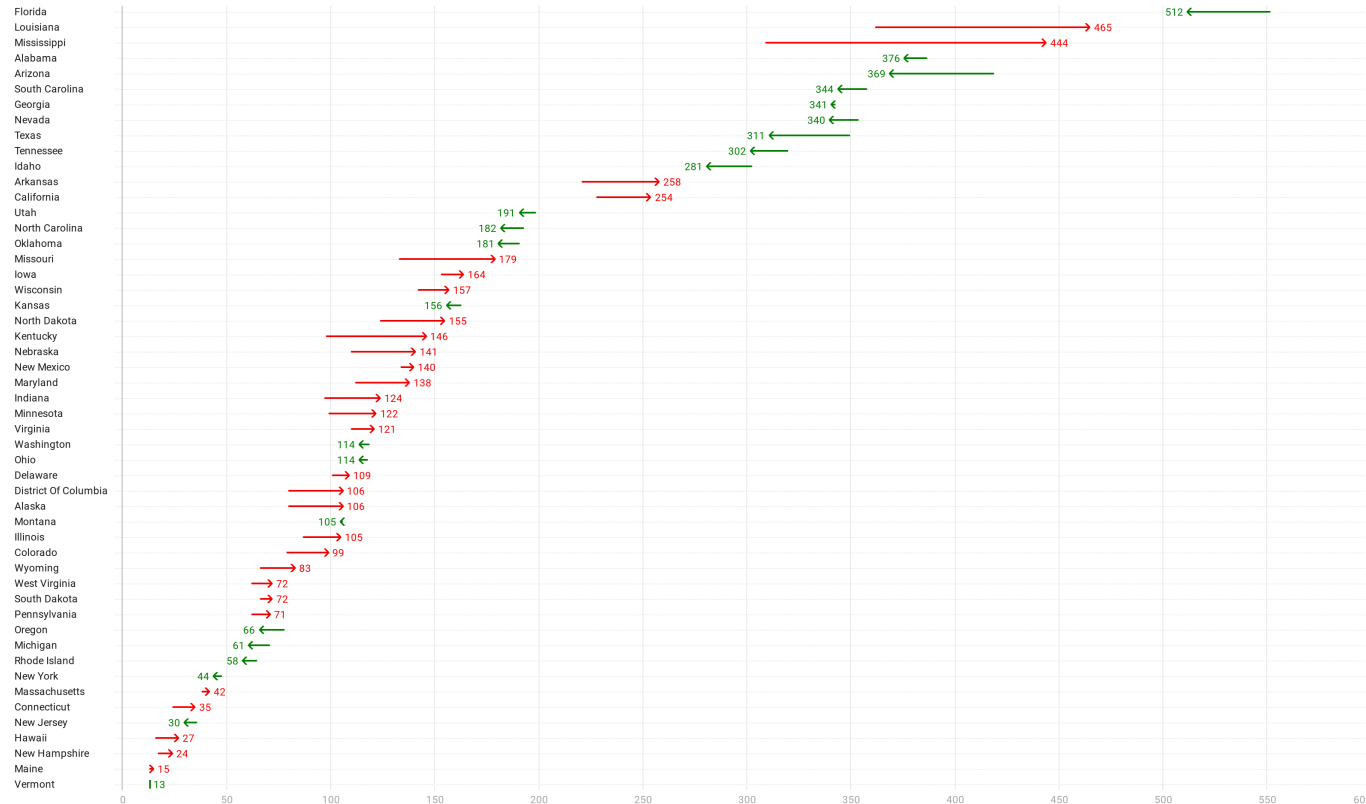
Map: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

State-By-State

Infection rate increased in 28 of 50 states during the past week; 9 of 11 states currently hardest-hit saw a decline, however, including Arizona, Florida and Texas; California's rate increased

New Daily Infections / 1 Million Population

Trailing 7-Day Moving Average, July 18 v July 25



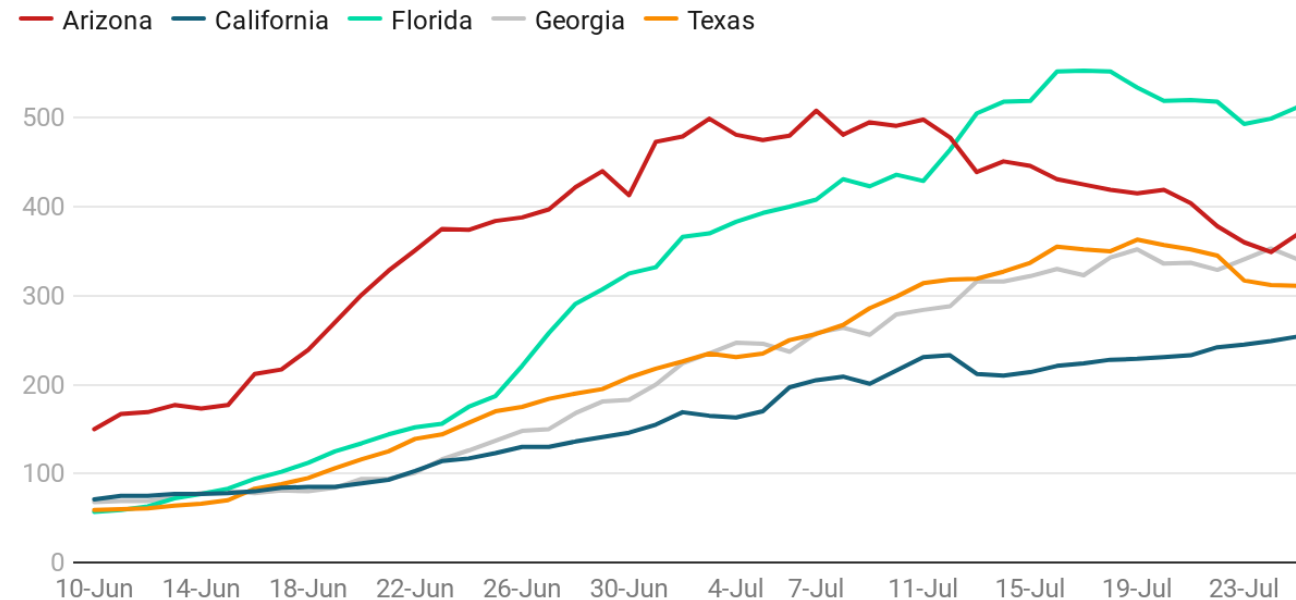
Health Industry Advisor LLC analysis
Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

Arizona, California, Florida, Georgia and Texas

Infection rates declining in Arizona, Florida and Texas; Stabilizing in Georgia; Still increasing in California?

New Daily Infections / 1 Million Population

Trailing 7-Day Moving Average, As of July 25



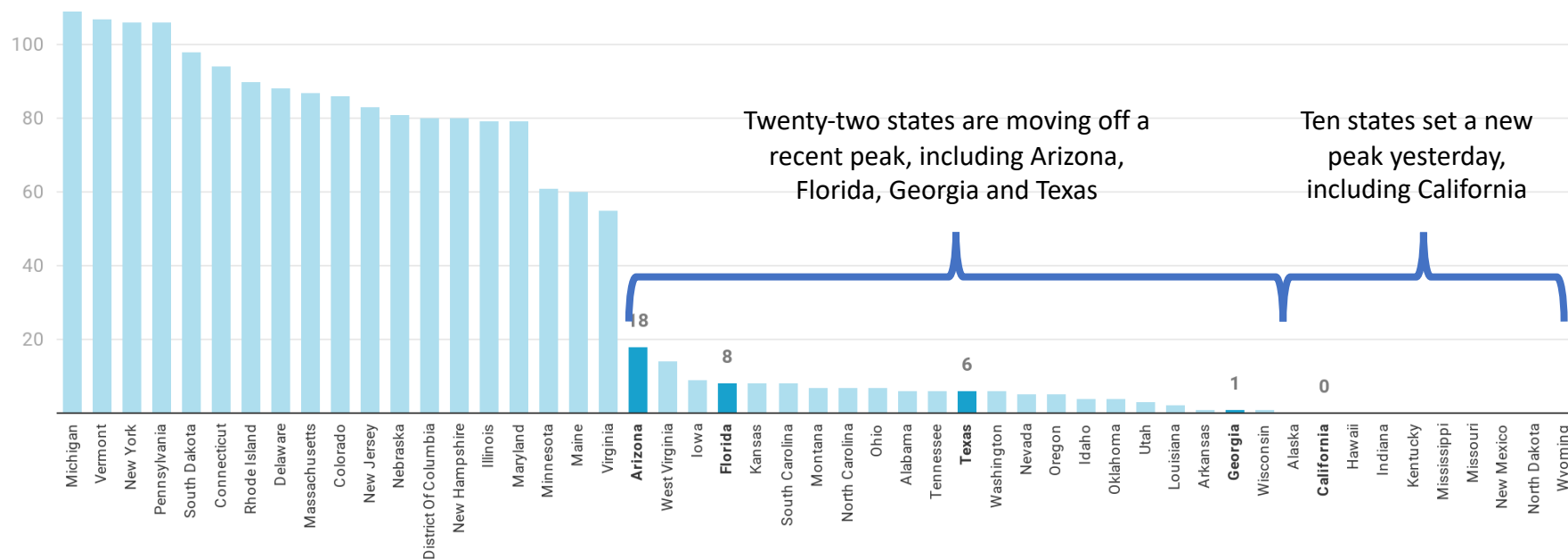
Health Industry Advisor LLC analysis

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

Hard-hit Arizona, Florida, Georgia and Texas move further past their peak new infection rate; California and nine other states, however, set new highs yesterday

Days Since Peak New Infection Rate

Trailing 7-Day Moving Average, As of July 25



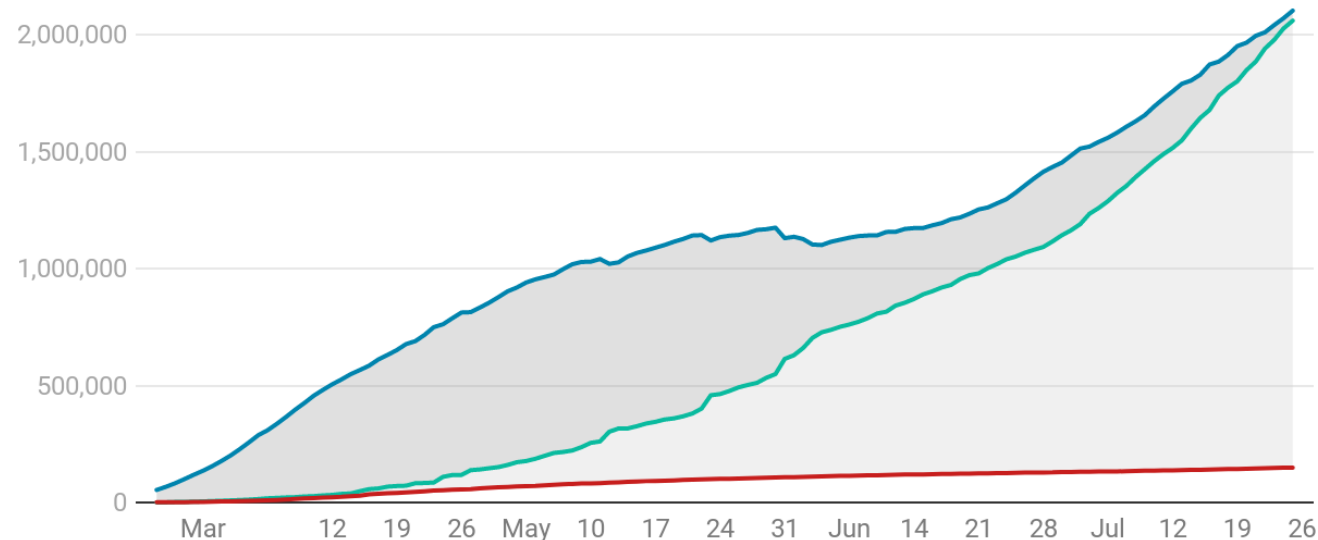
Health Industry Advisor LLC analysis

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

Active Cases v. Recoveries & Deaths

As of July 25

— Active Cases — Recoveries — Deaths



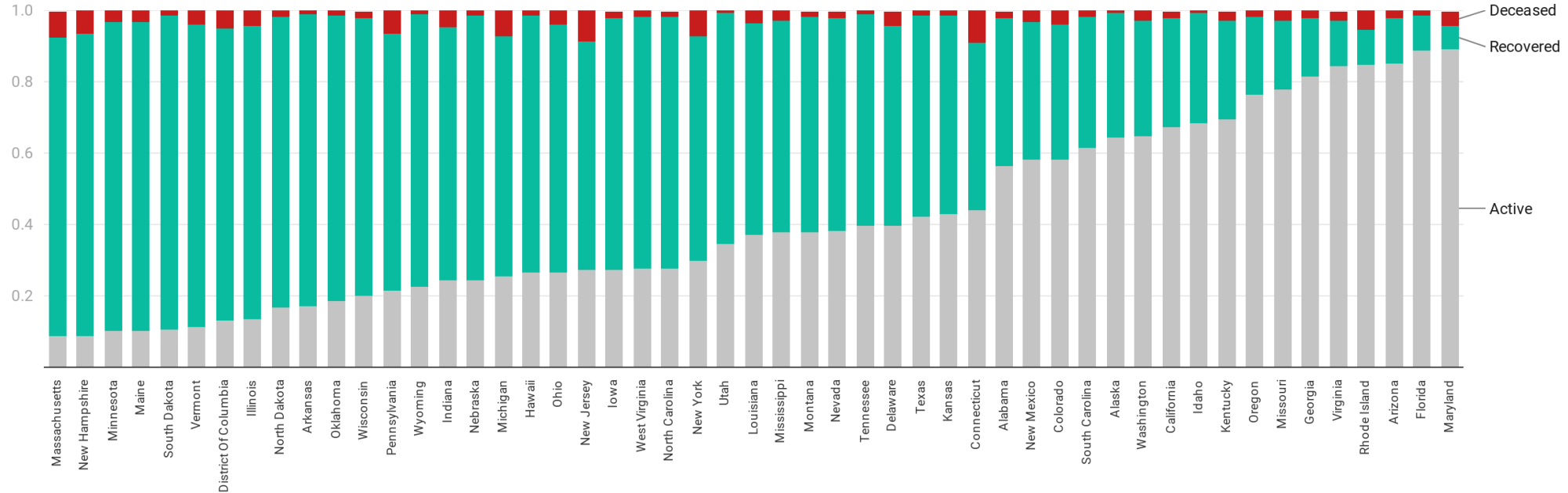
Health Industry Advisor LLC analysis

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

To-date, ½ of all cases are still listed as active; just under ½ are considered recovered. A few states may be slow in reporting recoveries

Case Outcomes

As of July 25

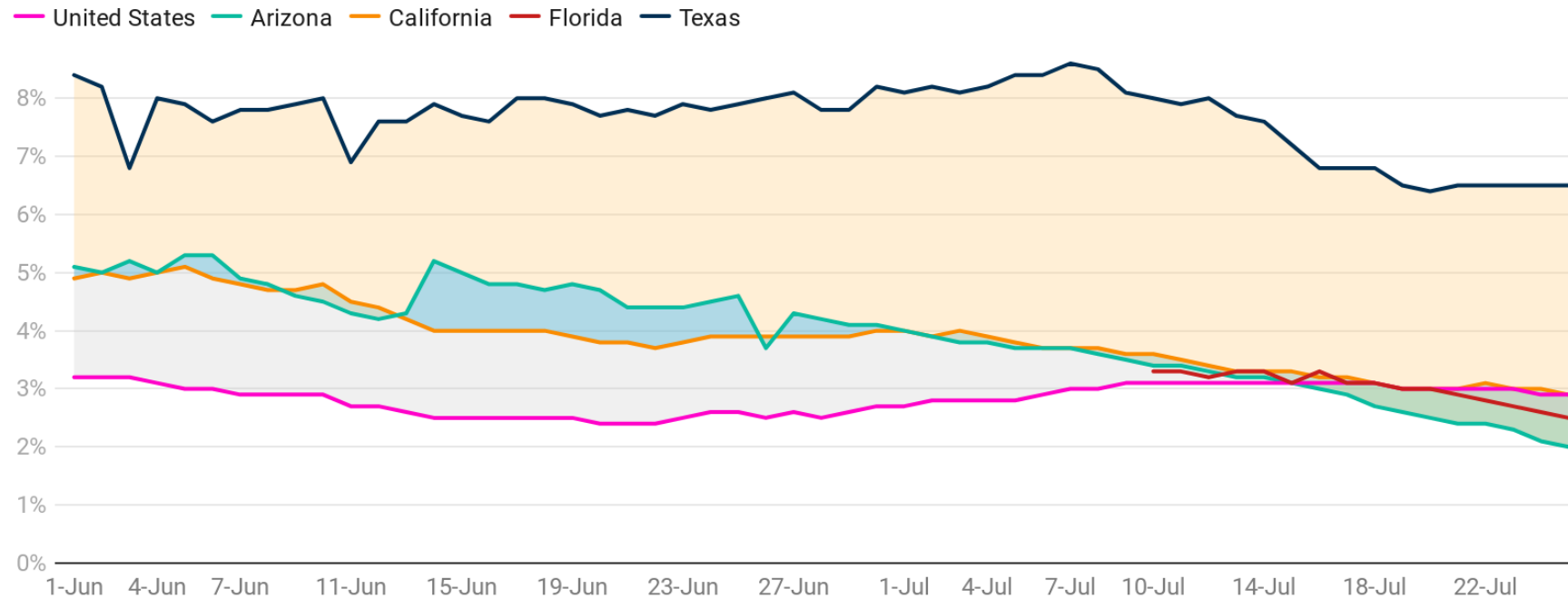


Health Industry Advisor LLC analysis

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

The % of active cases being managed in the hospital is declining in each of the hard-hit states; stabilizing for the U.S. overall

% of Active Cases in the Hospital



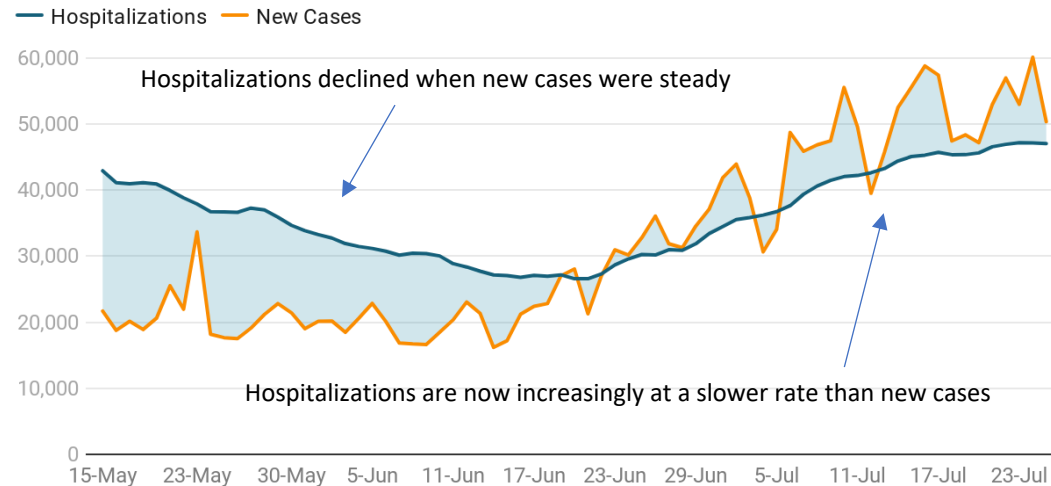
Health Industry Advisor LLC analysis

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

Hospitalizations starting to level, not keeping pace with new cases; Patients on ventilators and in the ICU may be stabilizing

Hospitalizations v. New Cases

As of July 25



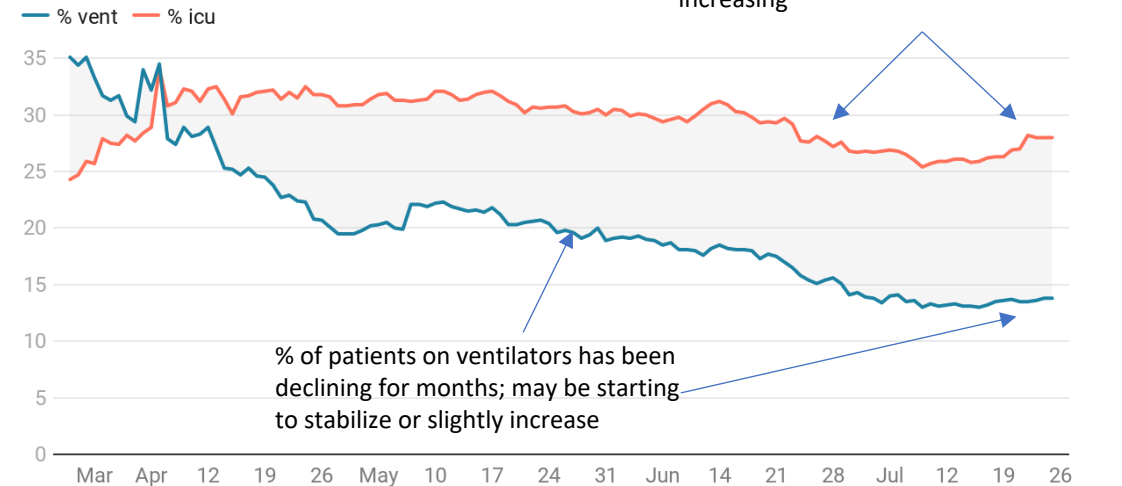
Health Industry Advisor LLC analysis

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 25



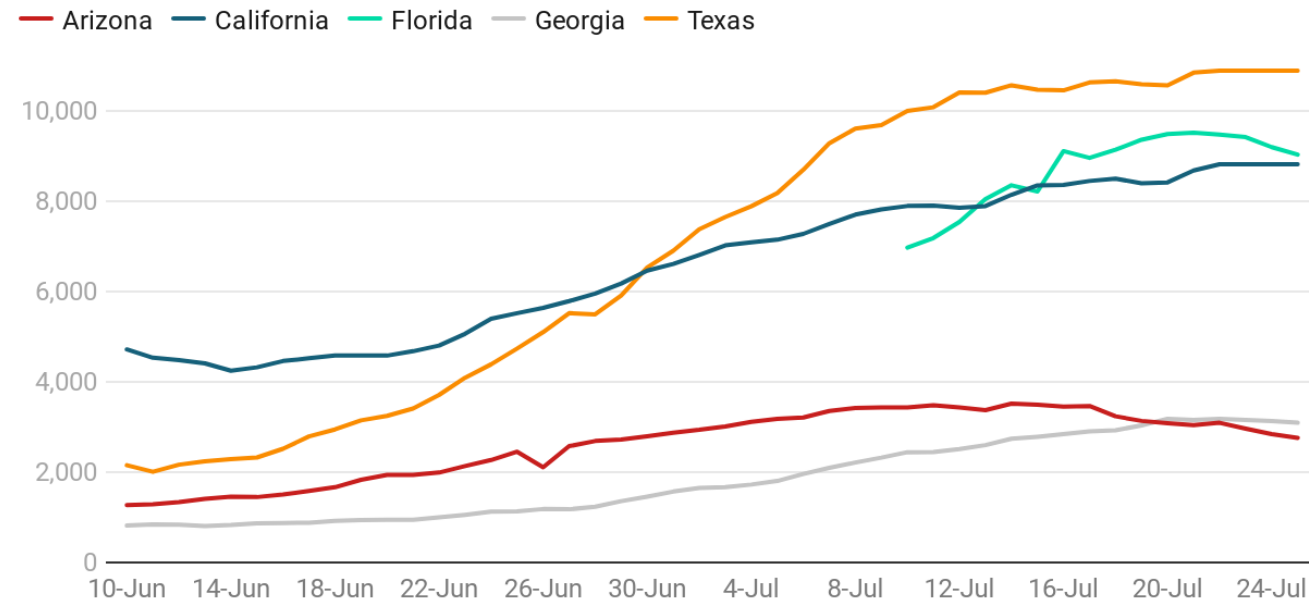
Health Industry Advisor LLC analysis

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

Hospitalizations: Declining in Arizona; Stabilizing in Georgia, Florida and Texas

Hospitalized COVID-19 Patients

As of July 25

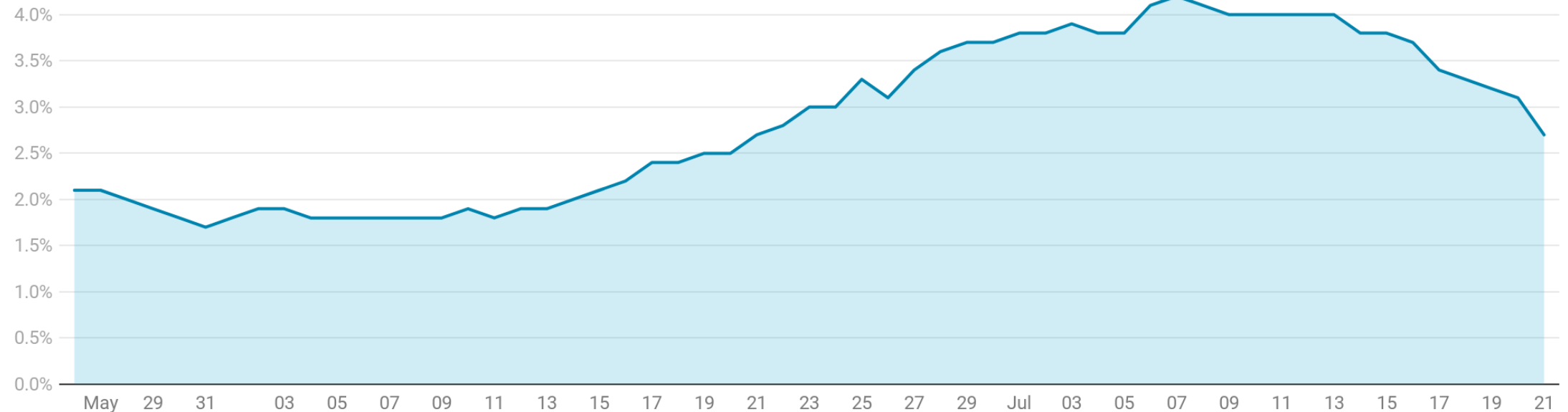


Health Industry Advisor LLC analysis,

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

% of Emergency Department Visits for COVID-Like Illness

As of July 21



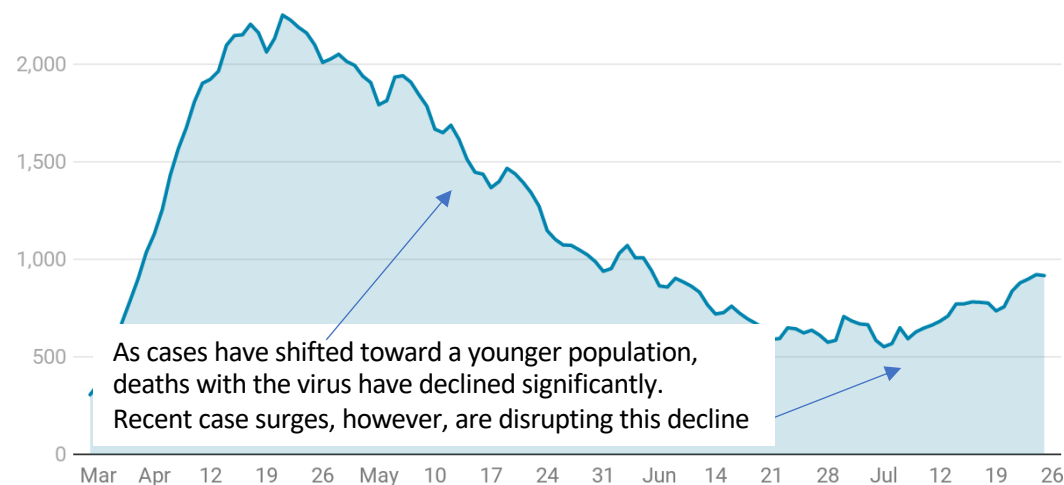
Health Industry Advisor LLC analysis

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

Deaths turning back up again; Recoveries outnumber deaths by nearly 14:1

Deaths Recorded With Coronavirus in the U.S.

Trailing 7-Day Moving Average, As of July 25

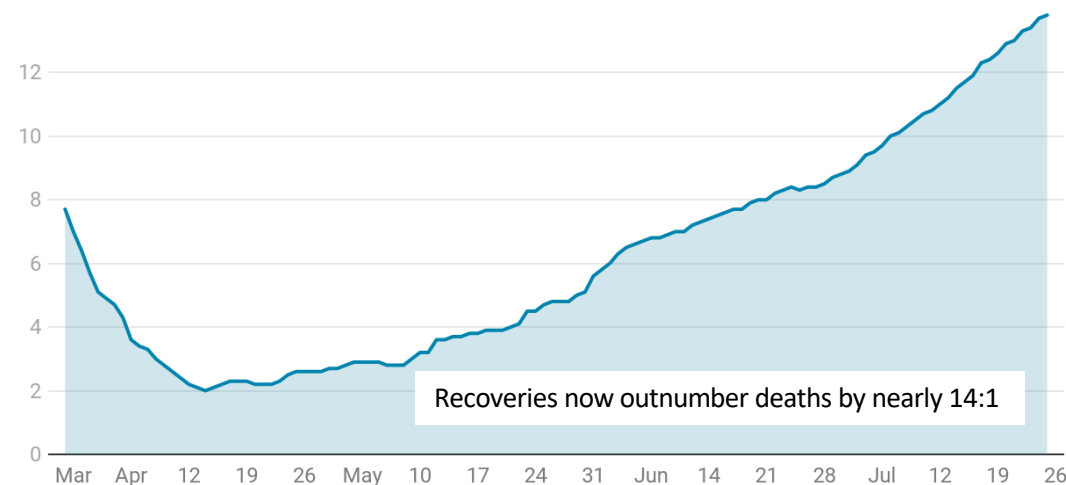


Health Industry Advisor LLC analysis

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

Recoveries: Deaths - United States

As of July 25



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 25

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.)	Rank9
USA	4,315,709	(1)	13,033	(10)	149,398	(1)	3.5%	(67)	451.2	(21)	1.7%	(67)	2,480	(18)	208.1	(6)
Brazil	2,396,434	(2)	11,269	(14)	86,496	(2)	3.6%	(62)	406.7	(23)	2.5%	(48)	(0)	(203)	215.8	(5)
India	1,385,494	(3)	1,003	(99)	32,096	(6)	2.3%	(98)	23.2	(197)	3.7%	(23)	250	(106)	31.8	(51)
Russia	806,720	(4)	5,528	(30)	13,192	(11)	1.6%	(128)	90.4	(91)	0.7%	(119)	1,893	(21)	40.4	(47)
South Africa	434,200	(5)	7,315	(20)	6,655	(17)	1.5%	(133)	112.1	(72)	3.1%	(34)	740	(49)	200.5	(7)
Peru	379,884	(6)	11,511	(13)	18,030	(9)	4.7%	(45)	546.3	(15)	1.2%	(94)	707	(53)	131.5	(15)
Mexico	378,285	(7)	2,932	(60)	42,645	(4)	11.3%	(11)	330.5	(31)	1.9%	(60)	107	(127)	52.0	(39)
Chile	343,592	(8)	17,964	(5)	9,020	(14)	2.6%	(89)	471.6	(17)	0.6%	(131)	869	(43)	110.1	(21)
Spain	319,501	(9)	6,833	(22)	28,432	(8)	8.9%	(13)	608.1	(10)	0.5%	(139)	899	(41)	37.2	(48)
UK	298,681	(10)	4,398	(40)	45,738	(3)	15.3%	(5)	673.5	(5)	0.2%	(170)	3,060	(14)	9.7	(96)
Iran	288,839	(11)	3,436	(52)	15,484	(10)	5.4%	(38)	184.2	(55)	0.9%	(108)	304	(99)	29.3	(54)
Pakistan	271,887	(12)	1,229	(93)	5,787	(19)	2.1%	(108)	26.2	(187)	0.5%	(138)	94	(130)	6.4	(106)
Saudi Arabia	264,973	(13)	7,604	(19)	2,703	(29)	1.0%	(152)	77.6	(99)	0.9%	(107)	1,326	(29)	67.9	(30)
Italy	245,864	(14)	4,067	(43)	35,102	(5)	14.3%	(7)	580.6	(11)	0.1%	(179)	751	(48)	3.9	(125)
Colombia	240,795	(15)	4,729	(38)	8,269	(16)	3.4%	(72)	162.4	(63)	3.4%	(26)	541	(73)	140.5	(13)
Turkey	225,173	(16)	2,668	(65)	5,596	(21)	2.5%	(94)	66.3	(107)	0.4%	(146)	507	(78)	10.9	(85)
Bangladesh	221,178	(17)	1,342	(89)	2,874	(28)	1.3%	(146)	17.4	(206)	1.3%	(89)	73	(137)	16.6	(70)
Germany	206,332	(18)	2,462	(68)	9,202	(13)	4.5%	(48)	109.8	(74)	0.3%	(162)	910	(40)	6.4	(107)
France	180,528	(19)	2,765	(63)	30,192	(7)	16.7%	(3)	462.5	(20)	0.4%	(144)	795	(47)	12.8	(81)
Argentina	158,334	(20)	3,501	(51)	2,893	(27)	1.8%	(117)	64.0	(109)	3.9%	(17)	291	(102)	113.1	(20)
Canada	113,556	(21)	3,007	(57)	8,885	(15)	7.8%	(17)	235.3	(42)	0.4%	(143)	1,057	(36)	13.5	(79)
Qatar	109,036	(22)	38,833	(1)	164	(77)	0.2%	(185)	58.4	(123)	0.4%	(154)	1,527	(26)	138.8	(14)
Iraq	107,573	(23)	2,671	(64)	4,284	(26)	4.0%	(55)	106.4	(78)	2.6%	(45)	417	(84)	61.5	(34)
Indonesia	97,286	(24)	355	(142)	4,714	(23)	4.8%	(43)	17.2	(208)	2.0%	(58)	83	(134)	6.5	(105)
Egypt	91,583	(25)	894	(104)	4,558	(25)	5.0%	(39)	44.5	(140)	0.7%	(120)	-	(162)	6.2	(109)
China	83,784	(26)	58	(193)	4,634	(24)	5.5%	(36)	3.2	(315)	0.0%	(187)	-	(162)	0.0	(188)
Kazakhstan	80,226	(27)	4,269	(42)	585	(53)	0.7%	(161)	31.1	(172)	2.2%	(53)	1,193	(31)	87.6	(23)
Ecuador	80,036	(28)	4,532	(39)	5,507	(22)	6.9%	(21)	311.8	(33)	1.4%	(85)	174	(117)	53.8	(38)
Sweden	78,997	(29)	7,819	(18)	5,697	(20)	7.2%	(18)	563.9	(14)	0.2%	(166)	980	(37)	24.3	(58)
Philippines	78,412	(30)	715	(112)	1,897	(33)	2.4%	(96)	17.3	(207)	2.6%	(44)	237	(111)	17.1	(68)

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

As of July 25

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	76,005	(19)	15,935	(10)	1,456	(24)	1.9%	(29)	297	(19)	2.5%	(13)	1,955	(31)	375.7	(4)
Alaska	2,249	(49)	3,196	(47)	20	(51)	0.9%	(49)	27	(50)	3.7%	(2)	7,167	(1)	106.0	(32)
Arizona	156,301	(8)	21,988	(3)	3,286	(15)	2.1%	(27)	451	(14)	2.0%	(22)	1,680	(37)	368.5	(5)
Arkansas	37,249	(30)	12,586	(22)	399	(37)	1.1%	(47)	132	(38)	2.3%	(18)	2,294	(20)	257.9	(12)
California	442,938	(1)	11,468	(24)	8,427	(4)	1.9%	(30)	213	(28)	2.5%	(15)	3,182	(9)	253.6	(13)
Colorado	42,980	(26)	7,604	(36)	1,794	(19)	4.2%	(13)	312	(17)	1.5%	(31)	1,215	(48)	99.3	(36)
Connecticut	48,776	(24)	13,681	(15)	4,413	(10)	9.0%	(1)	1,238	(3)	0.3%	(48)	3,330	(5)	35.4	(46)
Delaware	14,202	(40)	14,557	(13)	579	(34)	4.1%	(14)	595	(10)	0.8%	(41)	2,372	(18)	109.4	(31)
District Of Columbia	11,649	(41)	16,602	(8)	581	(33)	5.0%	(9)	823	(6)	0.7%	(43)	4,869	(2)	105.9	(33)
Florida	402,312	(3)	19,300	(5)	5,778	(8)	1.4%	(42)	269	(24)	2.8%	(8)	2,690	(12)	511.8	(1)
Georgia	161,401	(7)	15,558	(11)	3,495	(12)	2.2%	(26)	329	(16)	2.6%	(12)	2,369	(19)	340.6	(7)
Hawaii	1,549	(50)	1,144	(51)	26	(49)	1.7%	(38)	18	(51)	3.1%	(7)	988	(51)	26.8	(48)
Idaho	17,264	(38)	9,948	(26)	146	(42)	0.8%	(50)	81	(45)	3.2%	(5)	1,669	(38)	281.0	(11)
Illinois	169,699	(6)	13,504	(18)	7,589	(5)	4.5%	(11)	599	(9)	0.9%	(39)	2,913	(10)	105.3	(35)
Indiana	60,598	(20)	9,138	(29)	2,895	(16)	4.8%	(10)	430	(15)	1.5%	(32)	1,609	(40)	124.5	(26)
Iowa	41,283	(27)	13,208	(20)	826	(29)	2.0%	(28)	262	(25)	1.2%	(36)	1,926	(32)	164.4	(18)
Kansas	25,348	(34)	8,721	(32)	330	(38)	1.3%	(45)	113	(41)	1.6%	(29)	1,403	(45)	156.2	(20)
Kentucky	25,931	(33)	5,991	(42)	696	(31)	2.7%	(24)	156	(34)	2.7%	(9)	1,643	(39)	146.4	(22)
Louisiana	103,734	(12)	22,314	(2)	3,720	(11)	3.6%	(17)	800	(7)	1.8%	(24)	4,787	(3)	465.4	(2)
Maine	3,757	(46)	2,819	(49)	119	(44)	3.2%	(20)	89	(43)	0.4%	(46)	1,960	(29)	15.3	(50)
Maryland	81,766	(17)	13,738	(14)	3,433	(13)	4.2%	(12)	568	(11)	1.1%	(37)	2,466	(16)	138.2	(25)
Massachusetts	114,985	(9)	16,587	(9)	8,510	(3)	7.4%	(5)	1,225	(4)	0.3%	(49)	1,728	(35)	41.7	(45)
Michigan	85,072	(14)	8,573	(34)	6,400	(7)	7.5%	(3)	641	(8)	0.8%	(42)	2,268	(22)	61.3	(42)
Minnesota	49,488	(23)	8,917	(31)	1,611	(20)	3.3%	(19)	286	(21)	1.3%	(34)	2,653	(13)	122.1	(27)
Mississippi	49,663	(22)	17,169	(7)	1,480	(22)	3.0%	(22)	497	(13)	3.1%	(6)	2,141	(26)	444.1	(3)

State-By-State Statistical Summary (page 2 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
Missouri	41,103	(28)	6,871	(41)	1,228	(25)	3.0%	(21)	200	(29)	3.3%	(4)	1,602	(41)	179.5	(17)
Montana	3,039	(47)	3,050	(48)	46	(48)	1.5%	(40)	43	(49)	4.5%	(1)	2,558	(14)	105.5	(34)
Nebraska	24,174	(35)	12,611	(21)	316	(39)	1.3%	(44)	163	(33)	1.3%	(33)	1,584	(42)	141.4	(23)
Nevada	40,885	(29)	13,576	(17)	732	(30)	1.8%	(34)	238	(27)	2.6%	(10)	2,225	(24)	340.4	(8)
New Hampshire	6,375	(43)	4,718	(43)	409	(36)	6.4%	(7)	301	(18)	0.5%	(44)	1,104	(49)	23.8	(49)
New Jersey	184,394	(5)	20,804	(4)	15,859	(2)	8.6%	(2)	1,785	(1)	0.2%	(51)	1,716	(36)	29.8	(47)
New Mexico	18,475	(36)	8,960	(30)	607	(32)	3.3%	(18)	289	(20)	1.8%	(26)	3,603	(4)	139.8	(24)
New York	438,435	(2)	22,581	(1)	32,679	(1)	7.5%	(4)	1,680	(2)	0.2%	(50)	3,283	(7)	43.8	(44)
North Carolina	109,271	(11)	10,612	(25)	1,803	(18)	1.7%	(39)	172	(32)	1.9%	(23)	2,723	(11)	181.7	(15)
North Dakota	5,614	(45)	7,527	(38)	99	(46)	1.8%	(35)	130	(39)	2.3%	(19)	2,389	(17)	155.4	(21)
Ohio	81,790	(16)	7,119	(39)	3,308	(14)	4.0%	(15)	283	(23)	1.8%	(25)	1,899	(34)	114.3	(30)
Oklahoma	29,116	(32)	7,602	(37)	496	(35)	1.7%	(37)	125	(40)	3.4%	(3)	3,248	(8)	181.4	(16)
Oregon	16,104	(39)	3,818	(45)	282	(40)	1.8%	(36)	67	(46)	1.6%	(28)	1,464	(43)	66.2	(41)
Pennsylvania	110,342	(10)	8,680	(33)	7,187	(6)	6.5%	(6)	561	(12)	0.9%	(40)	1,234	(47)	70.8	(40)
Rhode Island	18,224	(37)	17,203	(6)	1,002	(26)	5.5%	(8)	946	(5)	0.4%	(47)	1,460	(44)	58.1	(43)
South Carolina	78,607	(18)	15,539	(12)	1,465	(23)	1.9%	(32)	285	(22)	2.3%	(17)	2,122	(27)	343.9	(6)
South Dakota	8,200	(42)	9,388	(28)	122	(43)	1.5%	(41)	138	(37)	0.9%	(38)	1,399	(46)	71.5	(39)
Tennessee	89,078	(13)	13,288	(19)	964	(27)	1.1%	(46)	141	(36)	2.6%	(11)	3,318	(6)	302.3	(10)
Texas	385,948	(4)	13,577	(16)	5,069	(9)	1.3%	(43)	175	(31)	2.5%	(14)	2,283	(21)	311.3	(9)
Utah	36,962	(31)	11,735	(23)	274	(41)	0.7%	(51)	85	(44)	1.7%	(27)	1,956	(30)	191.2	(14)
Vermont	1,385	(51)	2,237	(50)	56	(47)	4.0%	(16)	90	(42)	0.5%	(45)	1,916	(33)	13.3	(51)
Virginia	82,364	(15)	9,795	(27)	2,075	(17)	2.5%	(25)	243	(26)	1.3%	(35)	2,021	(28)	121.1	(28)
Washington	52,508	(21)	6,991	(40)	1,506	(21)	2.9%	(23)	198	(30)	1.6%	(30)	2,182	(25)	114.4	(29)
West Virginia	5,695	(44)	3,257	(46)	103	(45)	1.8%	(33)	58	(47)	2.5%	(16)	2,510	(15)	71.9	(38)
Wisconsin	46,917	(25)	8,222	(35)	891	(28)	1.9%	(31)	153	(35)	2.2%	(21)	2,245	(23)	156.7	(19)
Wyoming	2,405	(48)	4,226	(44)	25	(50)	1.0%	(48)	43	(48)	2.3%	(20)	1,045	(50)	83.4	(37)
United States	4,315,709		13,038		149,398		3.5%		451		1.7%		2,395		208.1	

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
- 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>