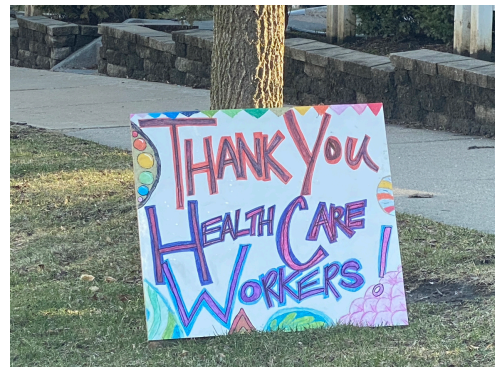
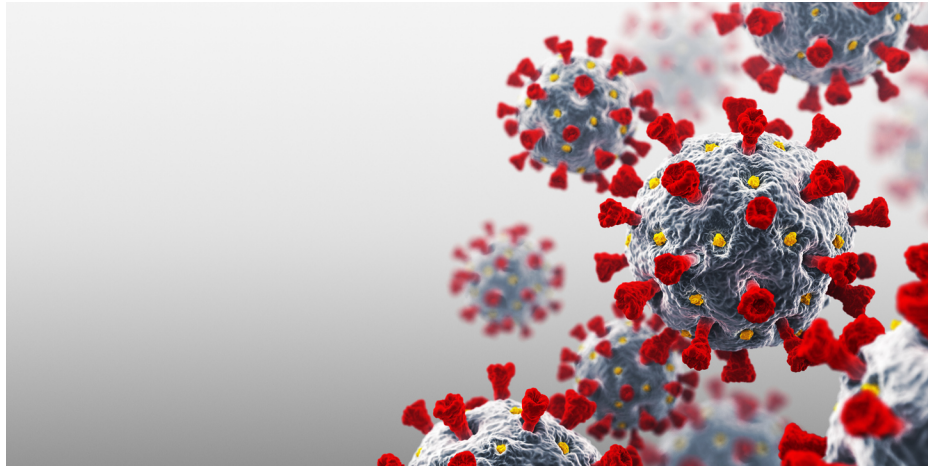
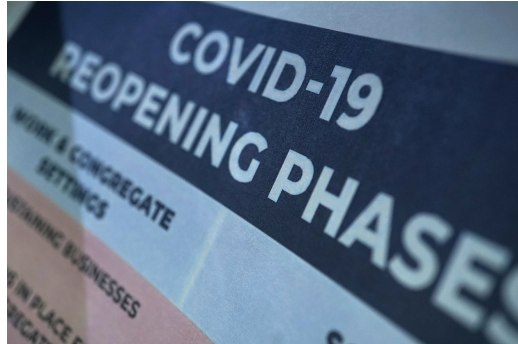




COVID-19 Report

Issue # 111

Tuesday, July 21, 2020

First, the bad news:

- Over the past week, the United States posted the highest rate of new infections per capita, among the 30 countries with the most total cases. The average daily change in cases in the United States, however, has slowed and is now 10th among these countries
- Most states (41 of 50) experienced an increase in the new infection rate per capita during the past week. Among the hardest-hit states, only Arizona has seen this rate decline during the past week
- Using a methodology we developed to reflect infection rates, case growth, test-positive rates and hospitalizations, most of the country (71%) resides in a state classified as "high" or "moderately high" concern

Now, for the more encouraging developments, essentially signals that we may be stabilizing, if not the beginning of turning a corner:

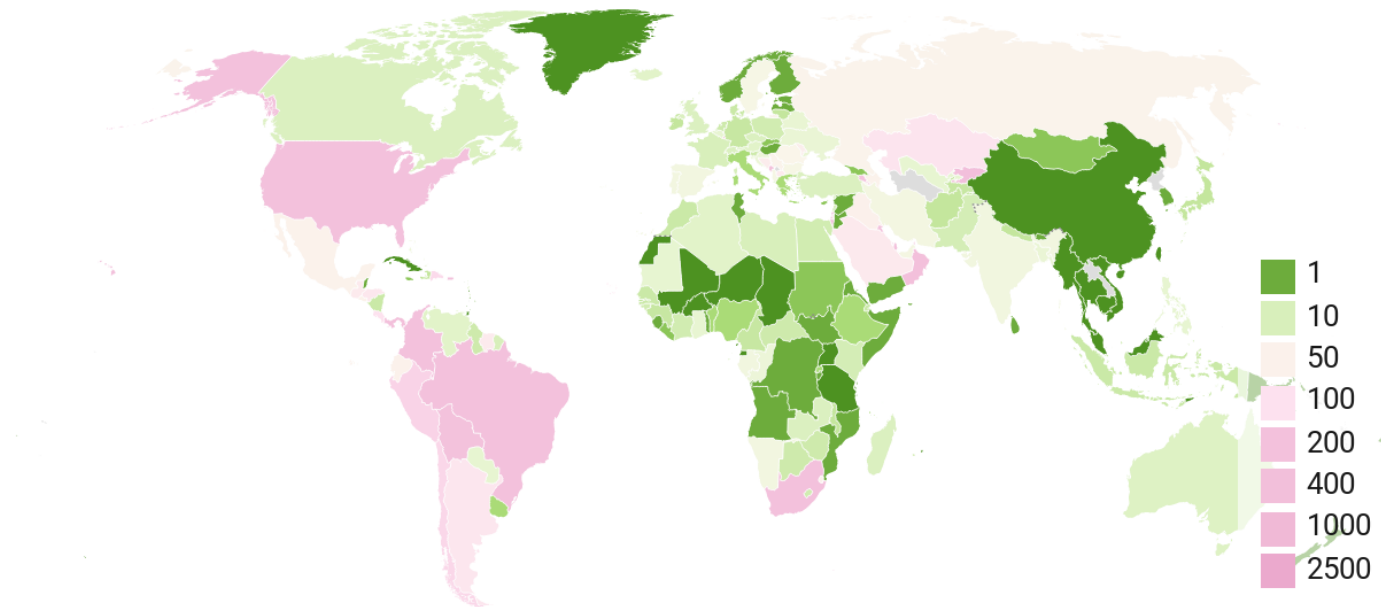
- New daily infections per capita, which had increased by 3x since early June, have been essentially level for the past 5 days
- Test-positive rates, which had increased by more than 2x since early June, have trended back down over the past 8 days
 - Only 7 states experienced their highest new infection rate on Tuesday; 20 states have come off a peak in the last 4 days
 - Notably, hard-hit states:
 - Arizona is 13 days past its peak,
 - California is 8 days past peak and
 - Florida is 3 days past peak

- Hospitalizations, which have not increased at the same rate as new cases, are showing signs of flattening
- Deaths with the virus, which had been increasing since late June, have leveled off or declined during the past week
- Five states (Arizona, California, Florida, Georgia and Texas) have borne the brunt of the case surge since early June. In these states:
 - Case growth, on a % basis, peaked 1-4 weeks ago and has been declining since
 - New daily cases peaked in:
 - Arizona, July 14
 - California, July 17
 - Florida, July 16
 - Georgia, July 12
 - Texas, July 16
 - Test-positive rate is declining in Arizona and has stabilized in the other states
 - New infections per capita have been declining in Arizona for 10 days and seemed to have stabilized recently in the other states
 - Over the past week, the % of active cases being managed in the hospital has declined in each of these states
 - Total hospitalized COVID-9 patients, nonetheless, increased in Florida and Georgia this week
 - In Arizona, California and Texas, hospitalizations have stabilized

Infection rates are highest in the United States, South Africa and South America

New Infections / 1 Million Population

Trailing 7-Day Moving Average, As of July 20



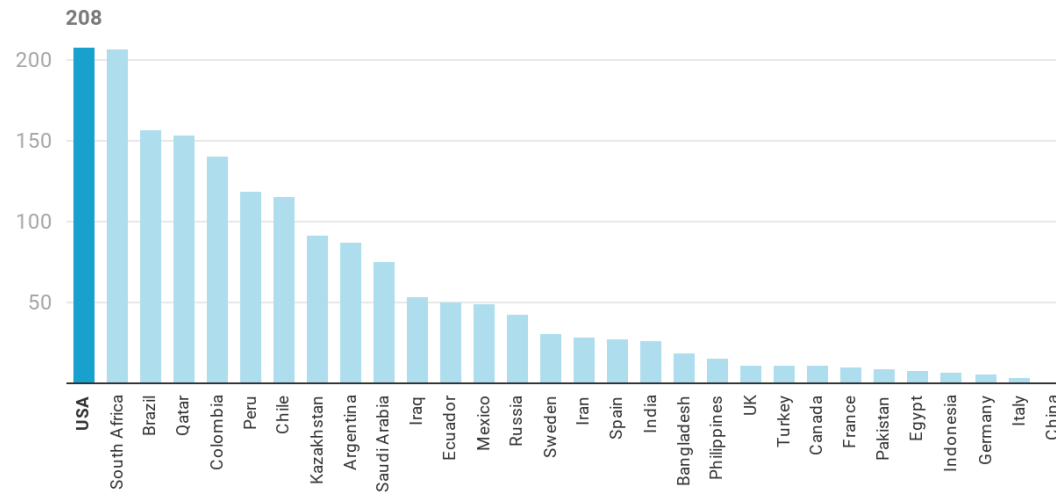
Health Industry Advisor LLC analysis

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

Among hard-hit countries, United States has the highest infection rate in the world over the past 7 days; on deaths per capita, U.S. ranks 7th

New Daily Infections / 1 Million Population

Trailing 7-Day Moving Average, As of July 20

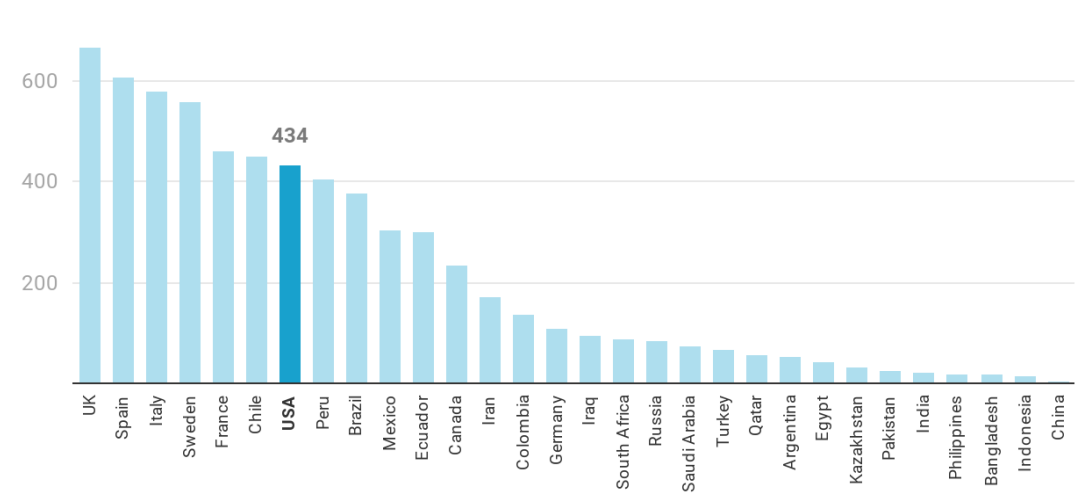


Health Industry Advisor LLC analysis

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

Deaths / 1 Million Population

As of July 20

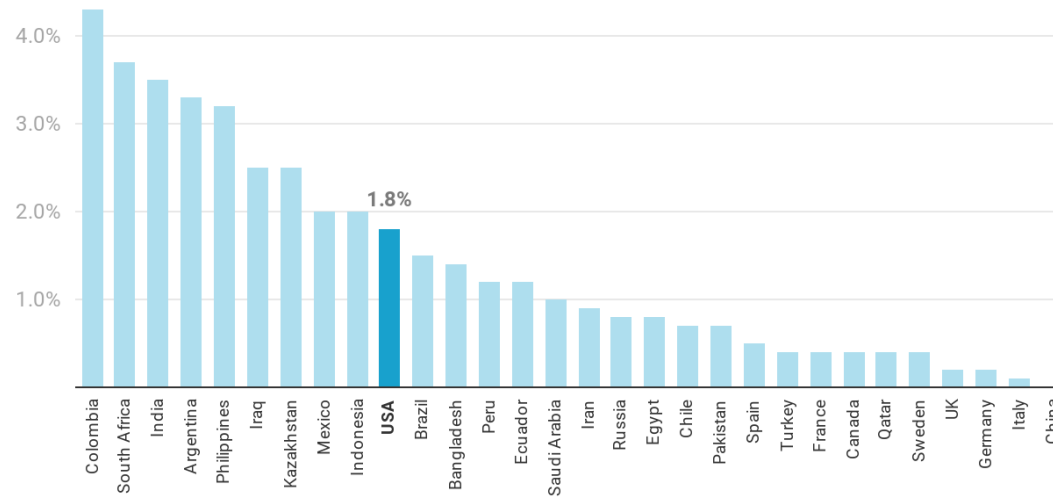


Health Industry Advisor LLC analysis

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

Daily Change (%) in Total Cases

30 Countries With Most Total Cases, Trailing 5-Day Moving Average, As of July 20

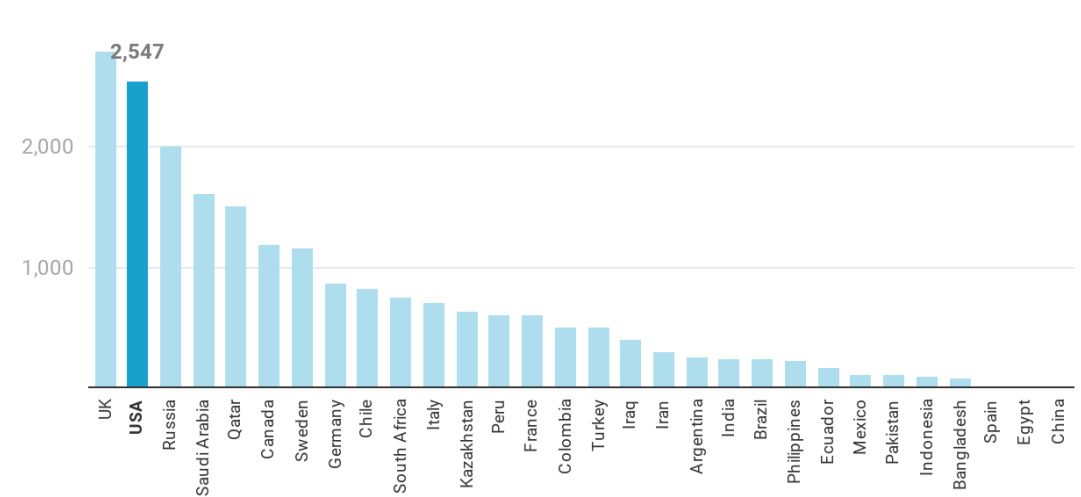


Health Industry Advisor LLC analysis

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 20

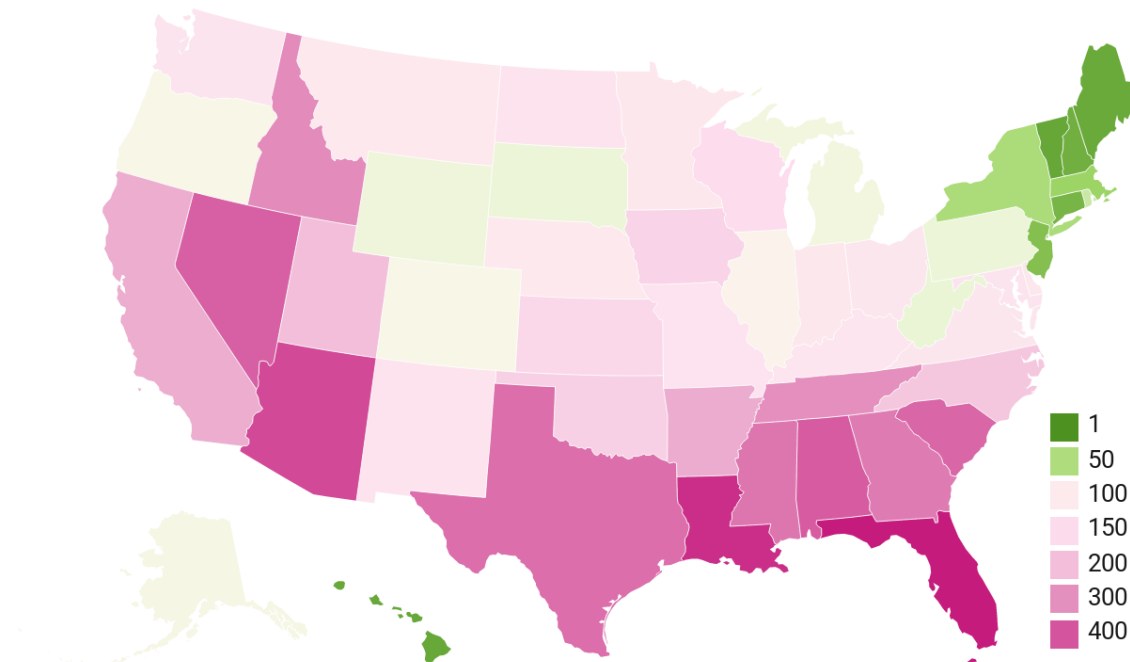


Health Industry Advisor LLC analysis

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

New Infections Per 1 Million Population

Trailing 7-Day Moving Average, As of July 20



Health Industry Advisor LLC analysis

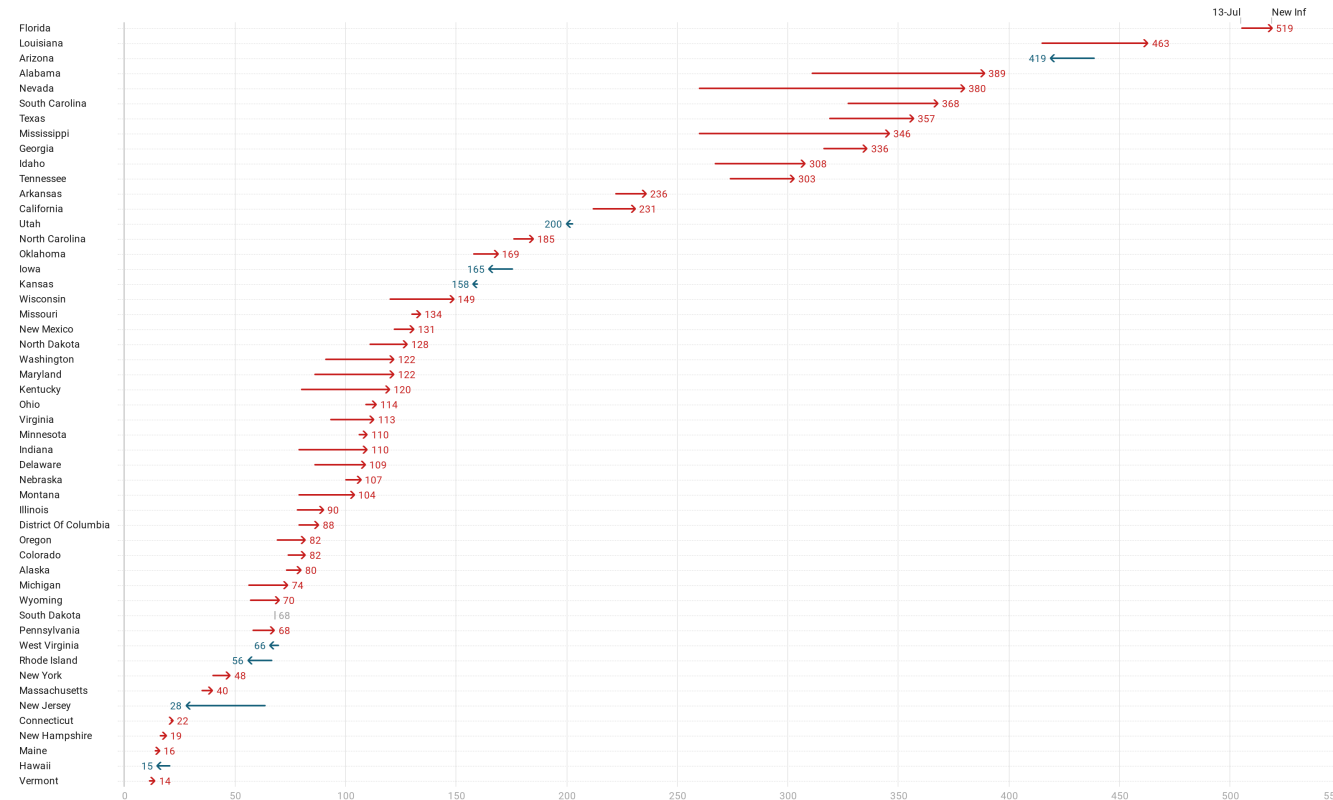
Map: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

State-By-State

Infection rate has increased in 41 of 50 states during the past week; Arizona has seen a decline

New Daily Infections / 1 Million Population

Trailing 7-Day Moving Average, July 13 v July 20



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

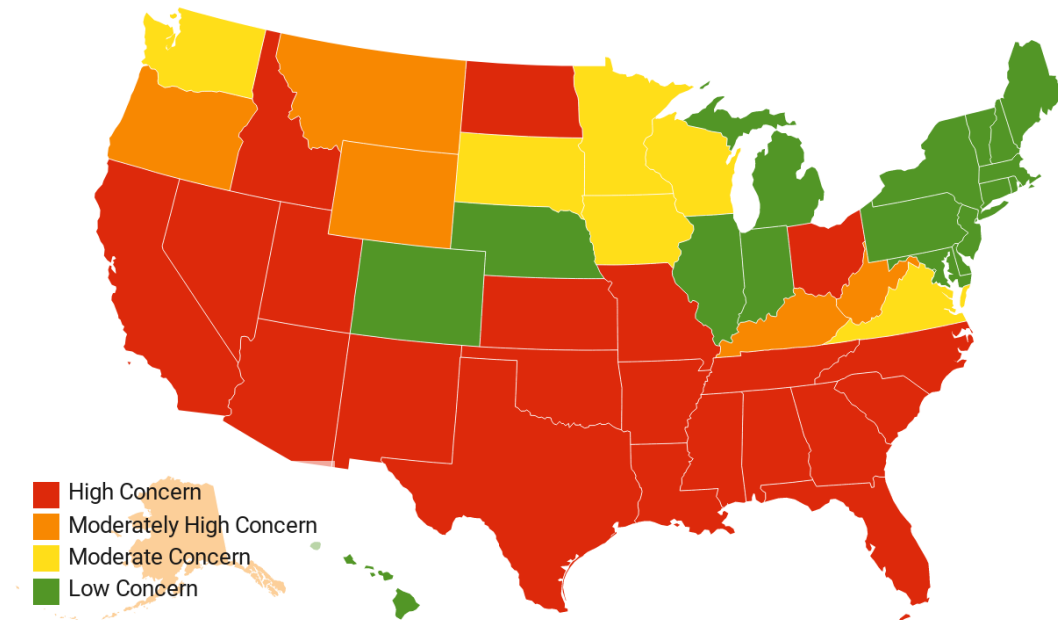


State-By-State

Situation still deteriorating: More than 70% of the country's population resides in a state we consider of "High" or "Moderately High" concern

Scorecard

As of July 13

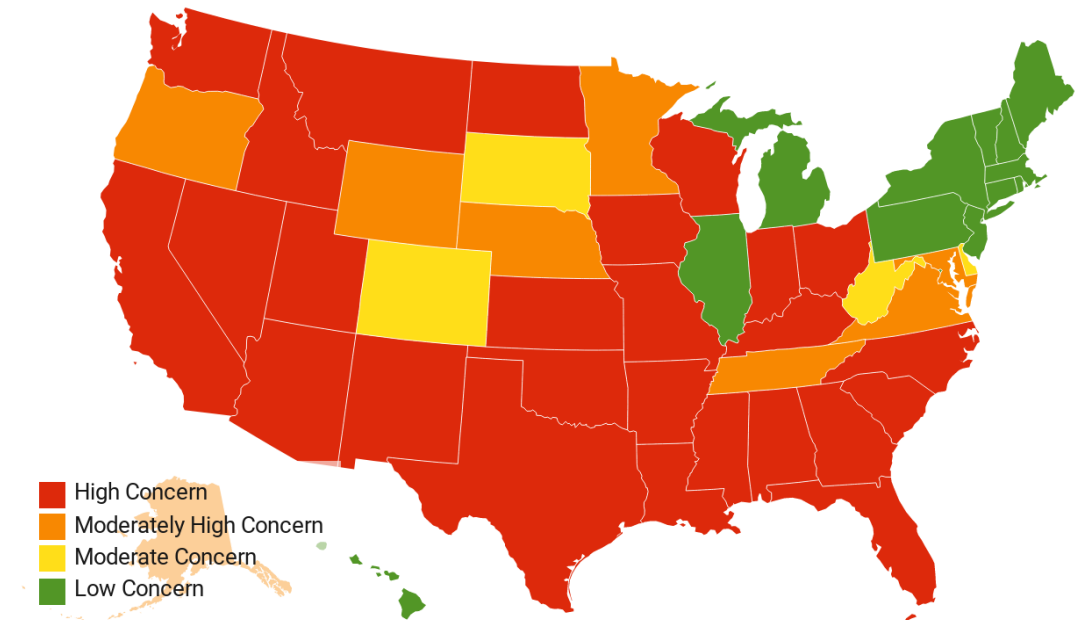


Scoring based on new infection, test-positive, hospitalization and case growth rates

Map: Health Industry Advisor LLC • Created with Datawrapper

Scorecard

As of July 20



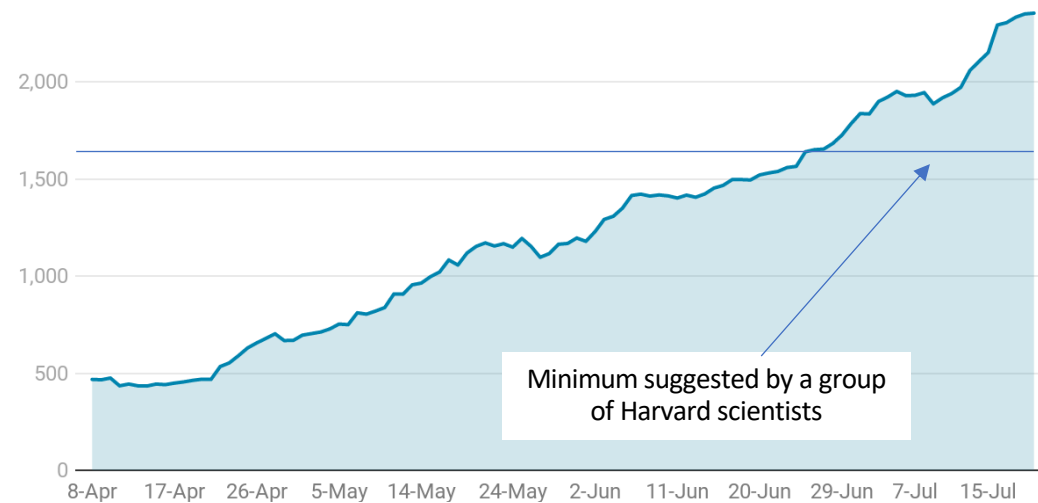
Scoring based on new infection, test-positive, hospitalization and case growth rates

Map: Health Industry Advisor LLC • Created with Datawrapper

Testing continues to ramp-up; test-positive rate is stabilizing or slightly declining

Daily Tests Per 1 Million - United States

Trailing 7-Day Moving Average, As of July 20

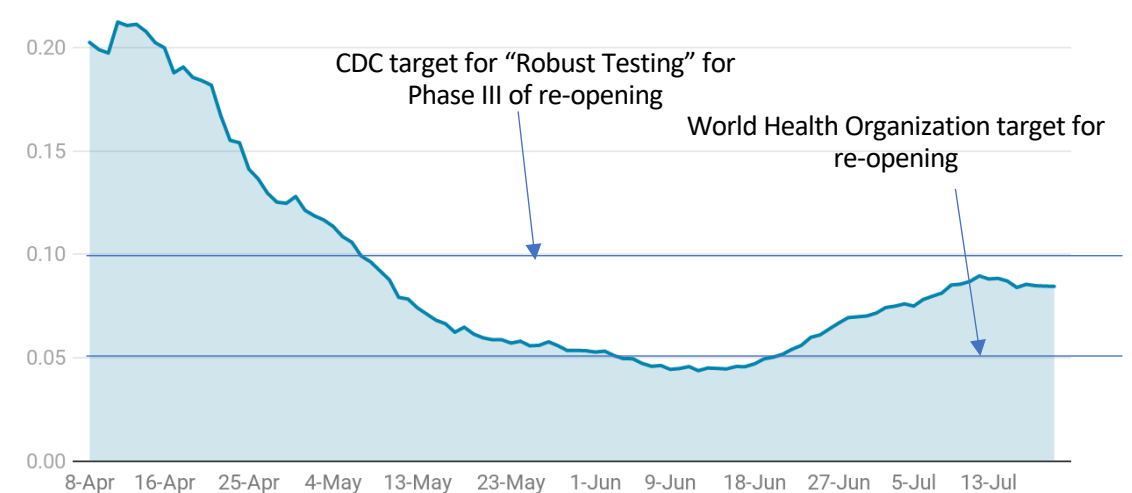


Health Industry Advisor LLC analysis

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 20

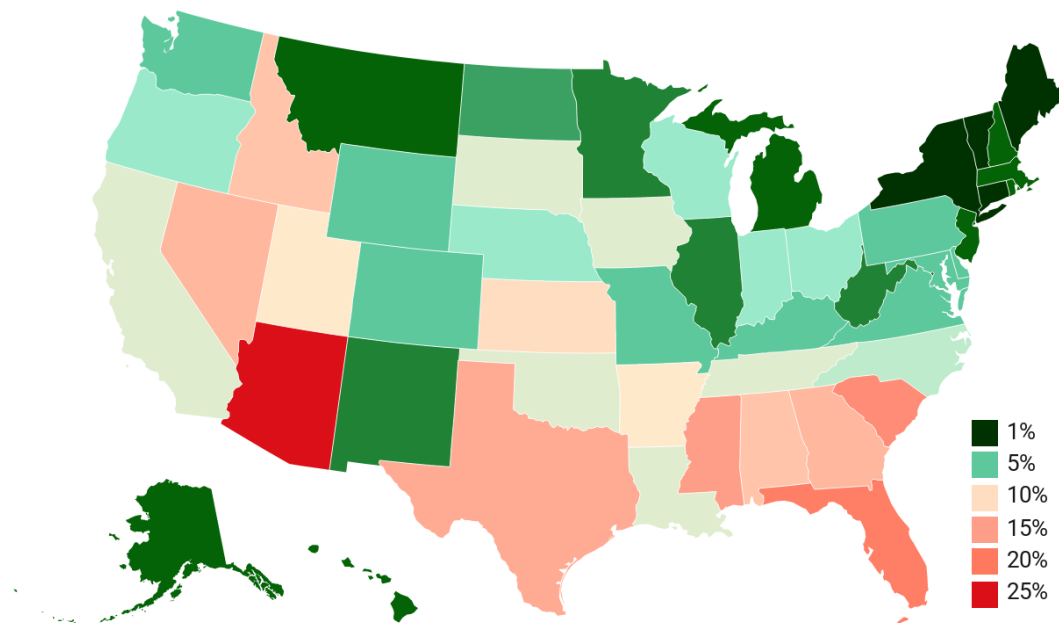


Health Industry Advisor LLC analysis

Chart: 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 6

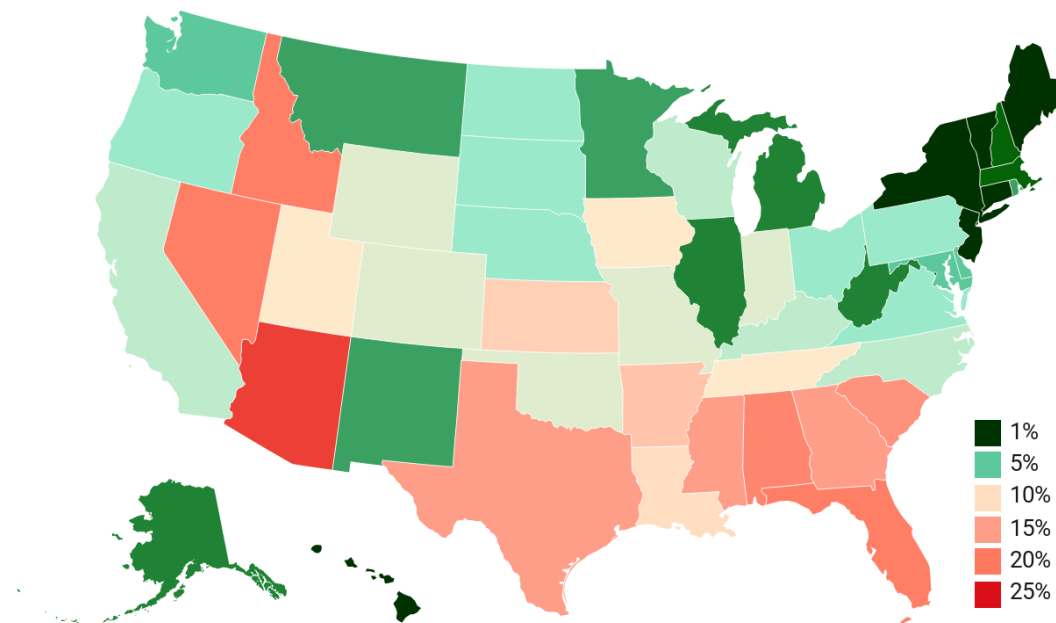


Health Industry Advisor LLC analysis

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 20



Health Industry Advisor LLC analysis

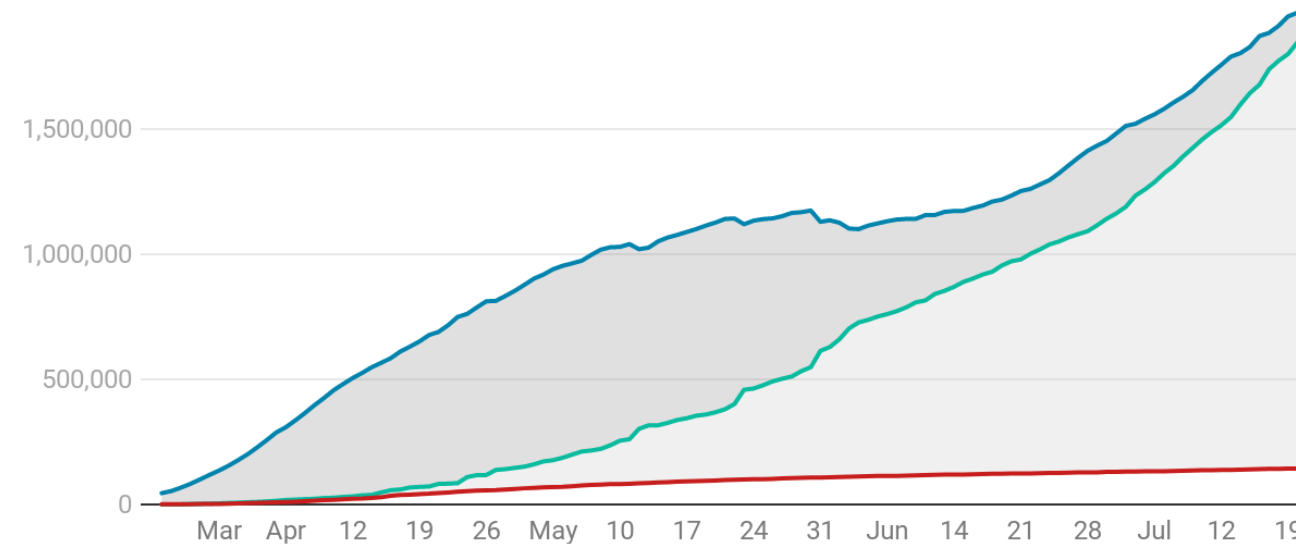
Map: Health Industry Advisor LLC • Source: The Atlantic's Covid Tracking Project • Created with Datawrapper

Recoveries nearly equaling active cases; Deaths represent a far smaller share of outcomes

Active Cases v. Recoveries & Deaths

As of July 20

— Active Cases — Recoveries — Deaths



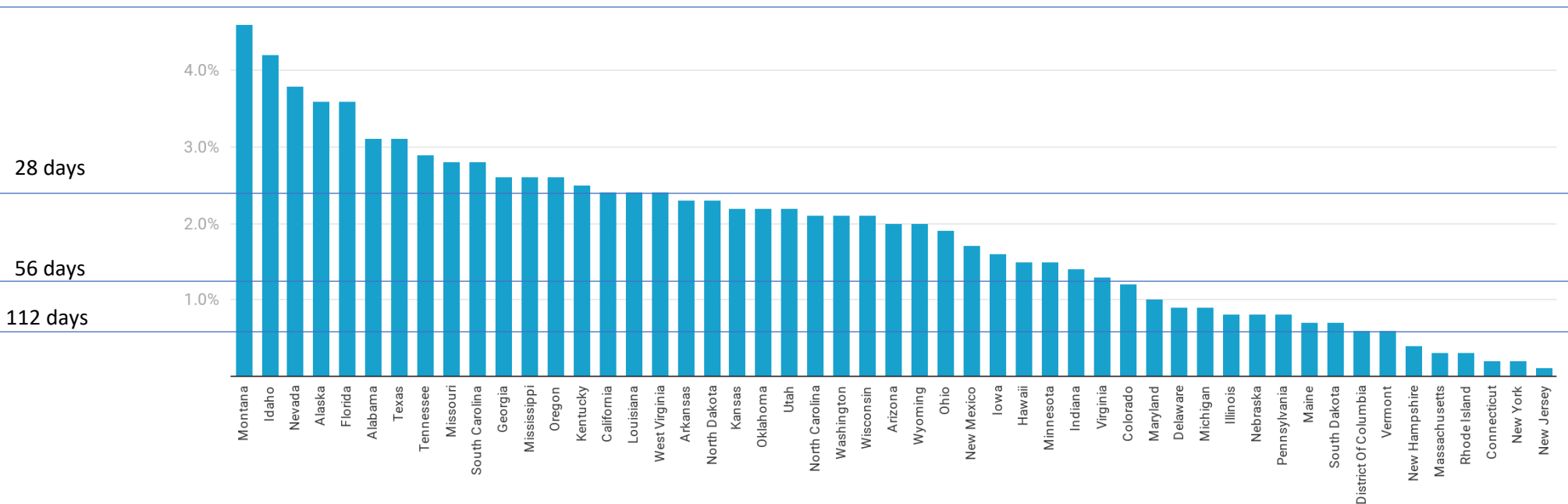
Health Industry Advisor LLC analysis

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

Growth Rate in Total Cases

Trailing 5-Day Moving Average, As of July 20

14 days to double



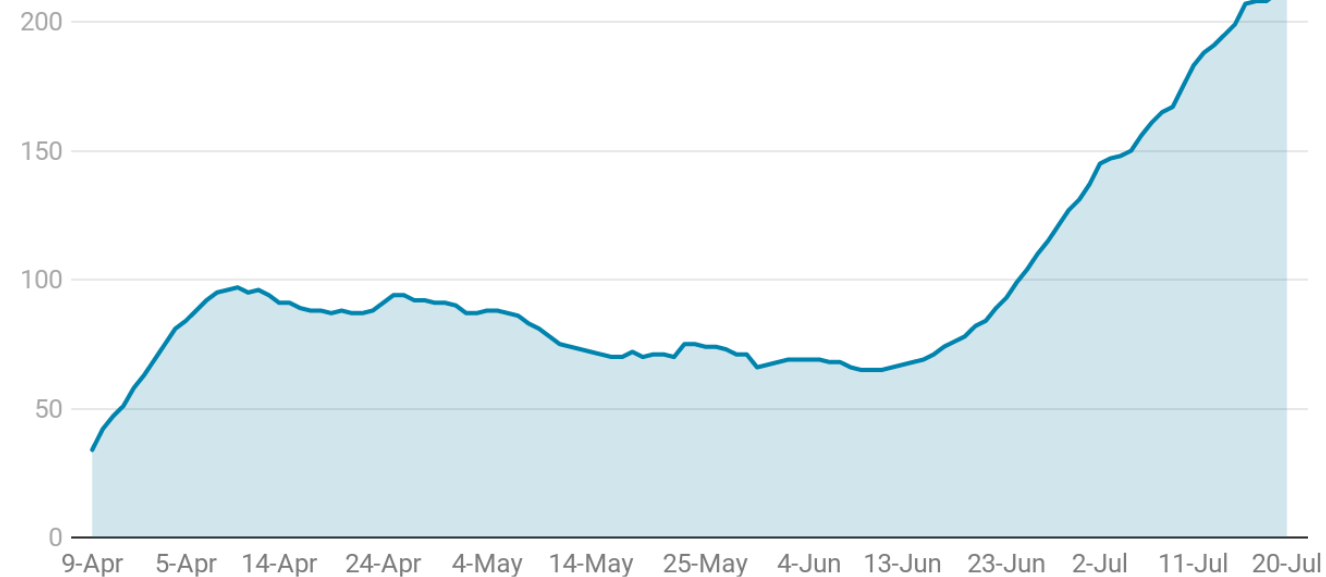
Health Industry Advisor LLC analysis

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

The new daily infection rate seems to be stabilizing, after 5 weeks of accelerated growth

New Infections Per 1 Million Population - United States

Trailing 7-Day Moving Average, As of July 20



Health Industry Advisor LLC analysis

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

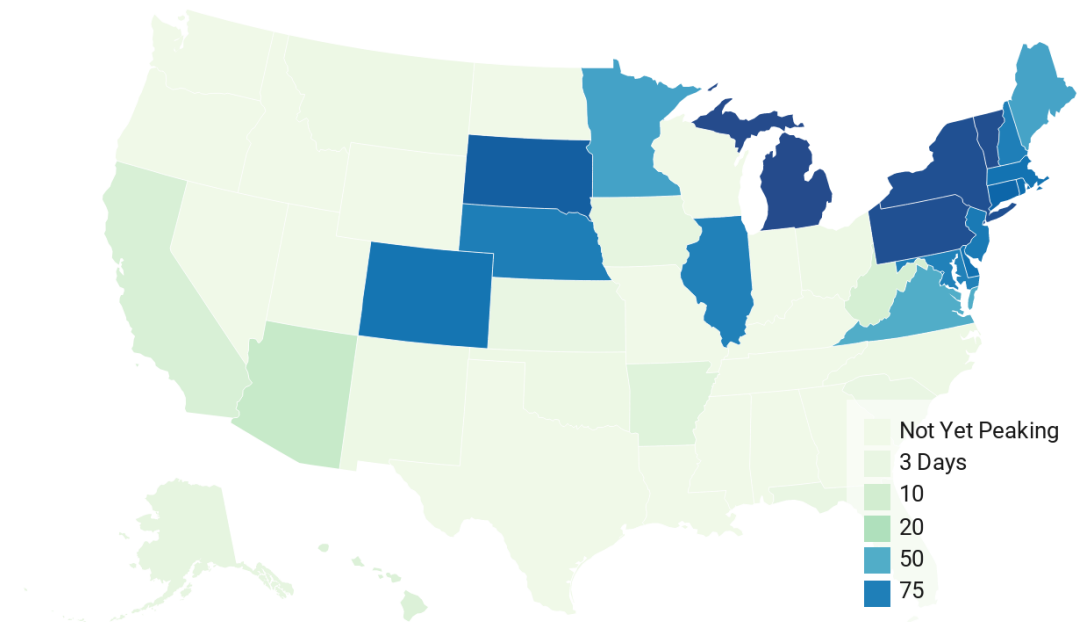
New Infections – Are we turning a corner? Several states moving past their peak

Are we turning a corner?

- Only 7 states experienced their highest new infection rate yesterday
- Twenty states have come down from a peak during the past 4 days
- Among recently hard-hit states:
 - Arizona's infection rate peaked 13 days ago
 - California: 8 days ago
 - Florida: 3 days ago

Days Since Peak New Infections Per Capita

Trailing 7-Day Moving Average, As of July 20



Health Industry Advisor LLC analysis

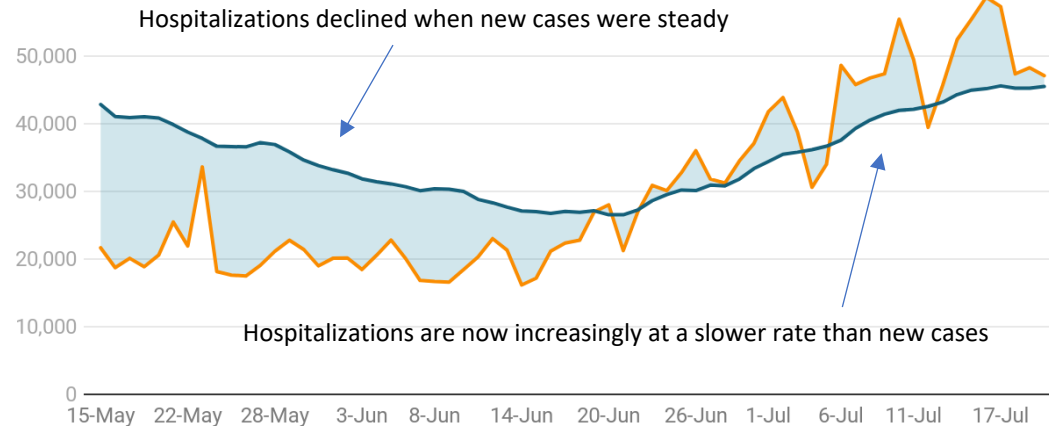
Map: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

Hospitalizations not keeping pace with new cases; case severity appears to be stabilizing or slightly increasing

Hospitalizations v. New Cases

As of July 20

— Hospitalizations — New Cases



Health Industry Advisor LLC analysis

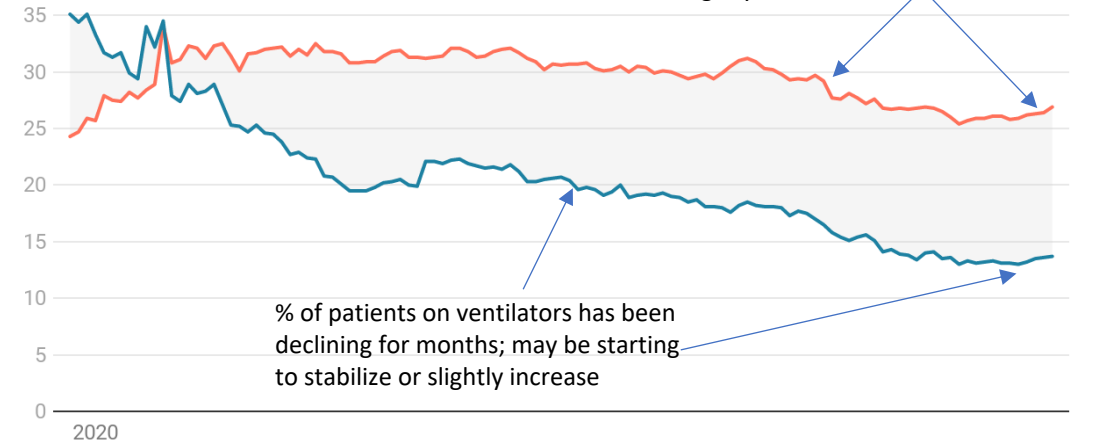
Chart: Health Industry Advisor LLC • Source: The Atlantic's Covid Tracking Project • Created with Datawrapper

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 20

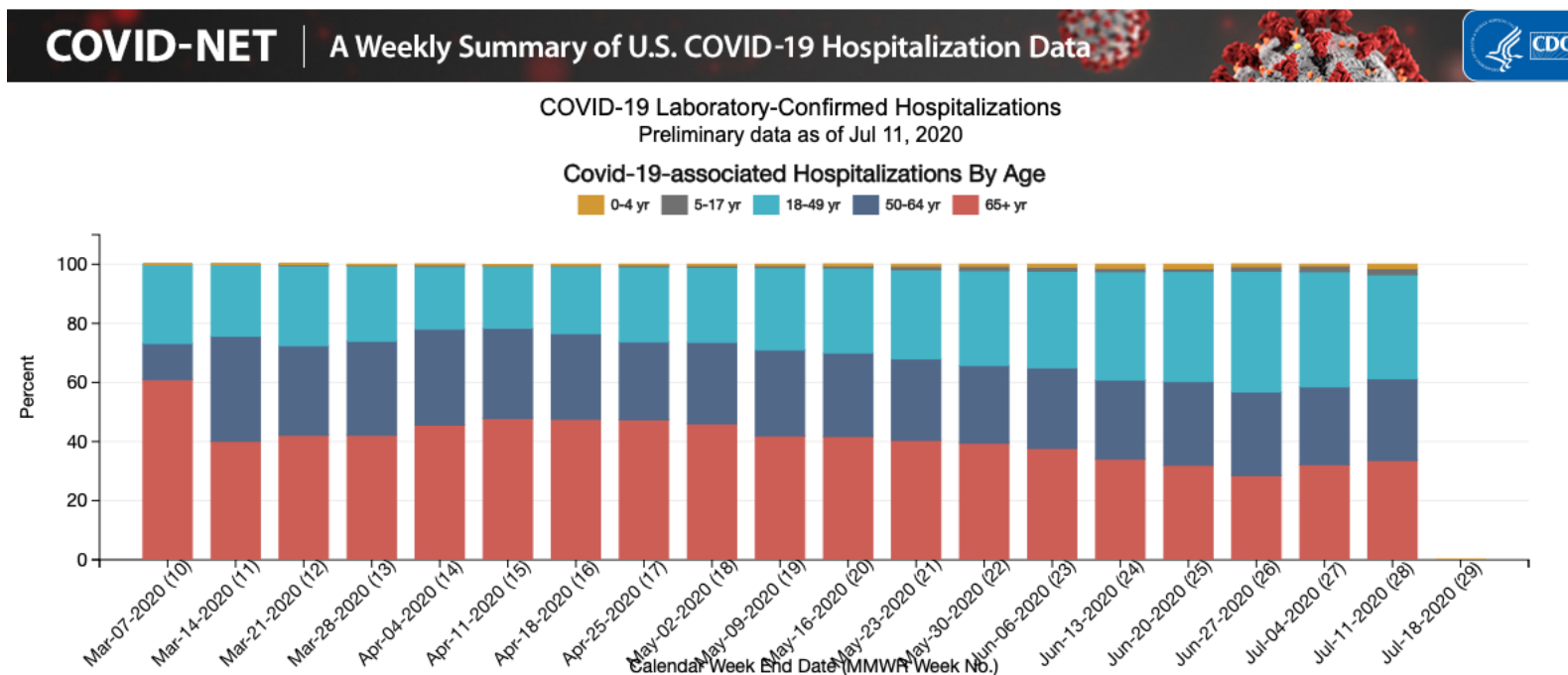
— % vent — % icu



Health Industry Advisor LLC analysis

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

Hospitalized patients are trending younger – a key to keeping the death rate low as cases rise



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.

About the Data

The Coronavirus Disease 2019 (COVID-19)-Associated Hospitalization Surveillance Network (COVID-NET) conducts population-based surveillance for laboratory-confirmed COVID-19-associated hospitalizations in children (persons younger than 18 years) and adults. The current network covers nearly 100 counties in the 10 Emerging Infections Program (EIP) states (CA, CO, CT, GA, MD, MN, NM, NY, OR, and TN) and four additional states through the Influenza Hospitalization Surveillance Project (IA, MI, OH, and UT). The network represents approximately 10% of US population (~32 million people)

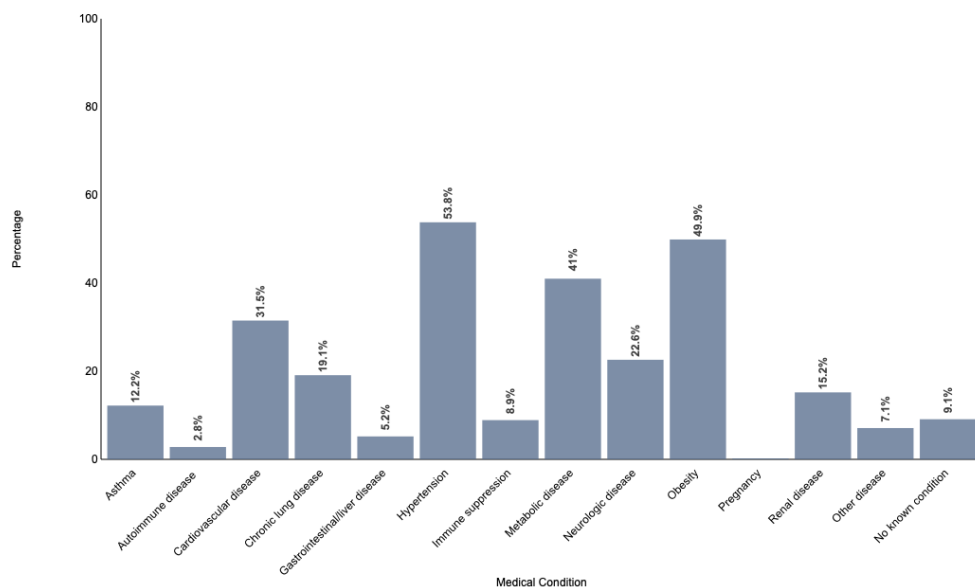
Most adults hospitalized with COVID-19 had a known underlying health condition, with hypertension and obesity most prevalent; Pediatric patients exhibited fewer known underlying conditions

COVID-NET | A Weekly Summary of U.S. COVID-19 Hospitalization Data

COVID-19 Laboratory-Confirmed Hospitalizations
Preliminary data as of Jul 11, 2020

Selected Underlying Medical Conditions

Adult

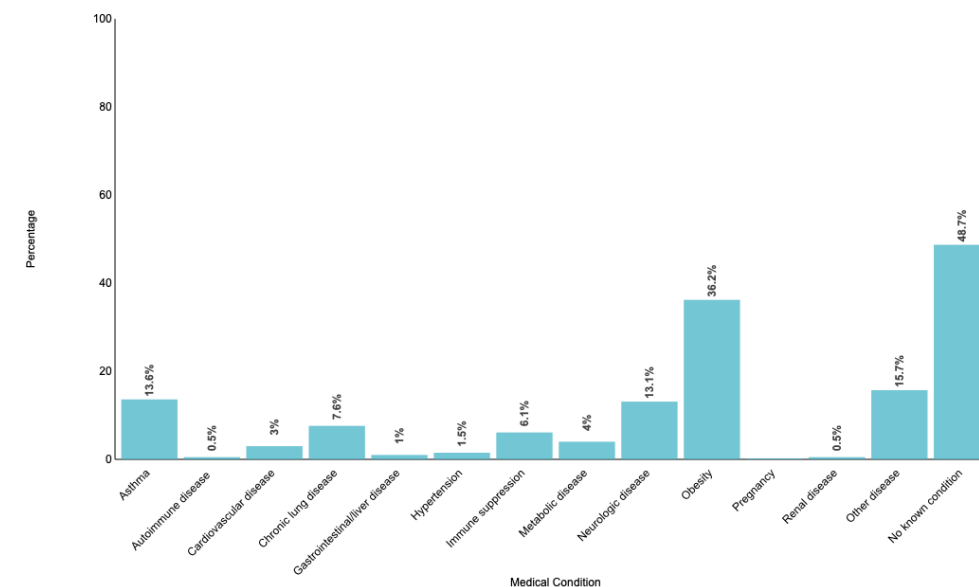


COVID-NET | A Weekly Summary of U.S. COVID-19 Hospitalization Data

COVID-19 Laboratory-Confirmed Hospitalizations
Preliminary data as of Jul 11, 2020

Selected Underlying Medical Conditions

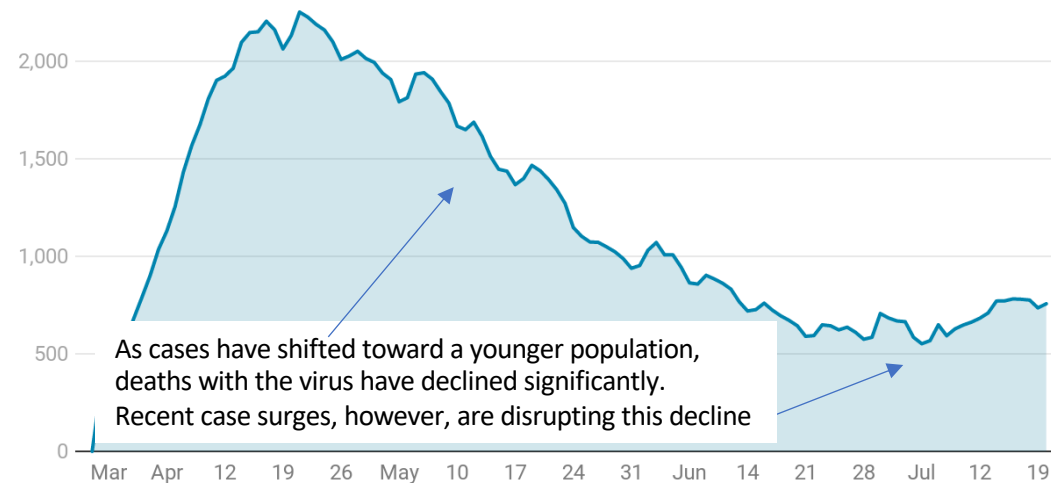
Pediatric



Deaths are declining again; Recoveries outnumber deaths by nearly 13:1

Deaths Recorded With Coronavirus in the U.S.

Trailing 7-Day Moving Average, As of July 20

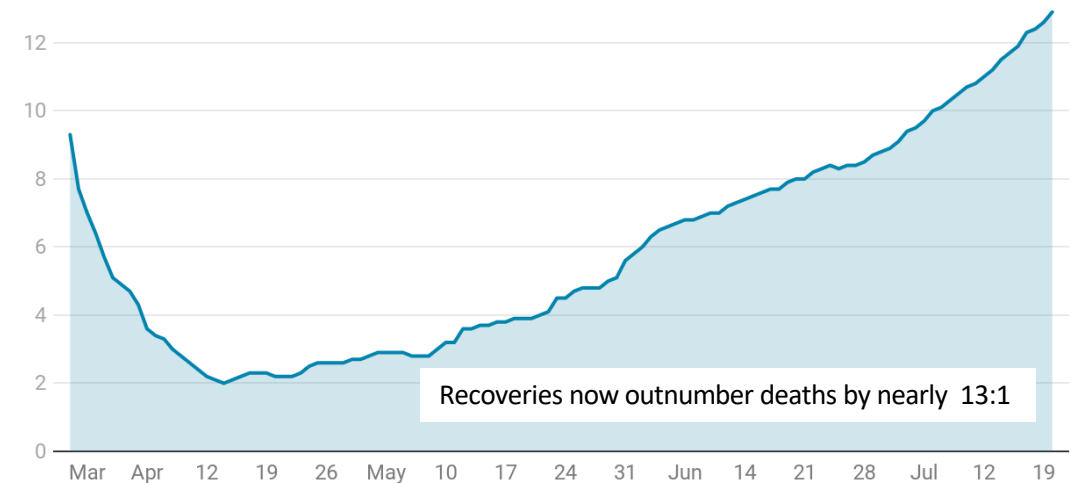


Health Industry Advisor LLC analysis

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

Recoveries: Deaths - United States

As of July 20



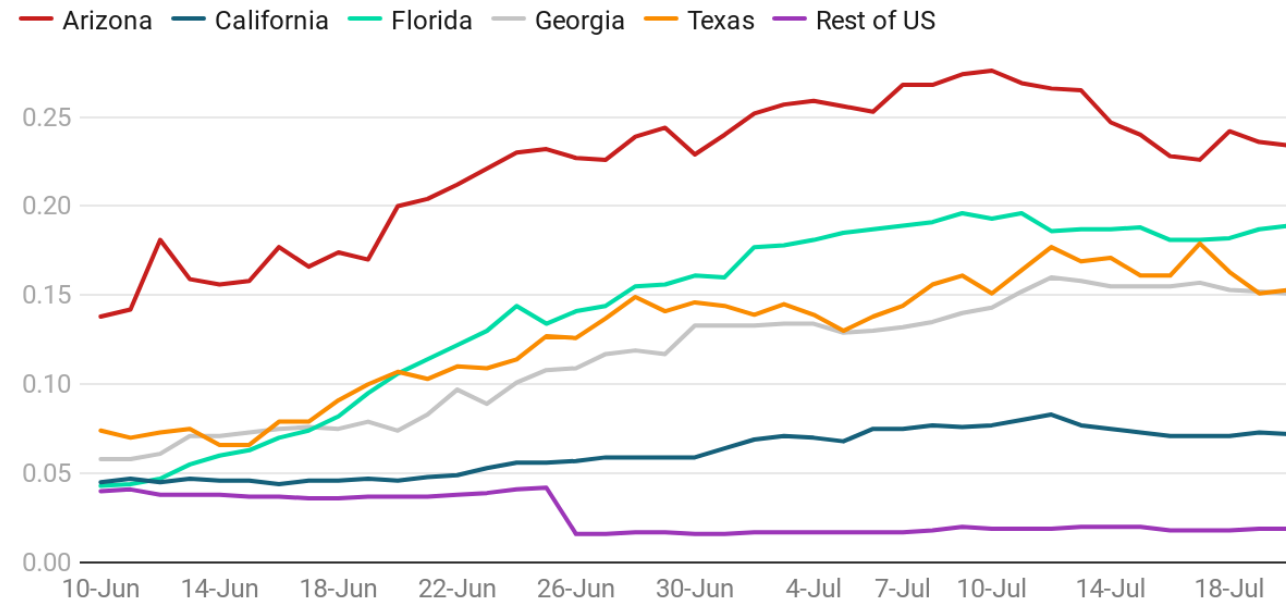
Health Industry Advisor LLC analysis

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 20

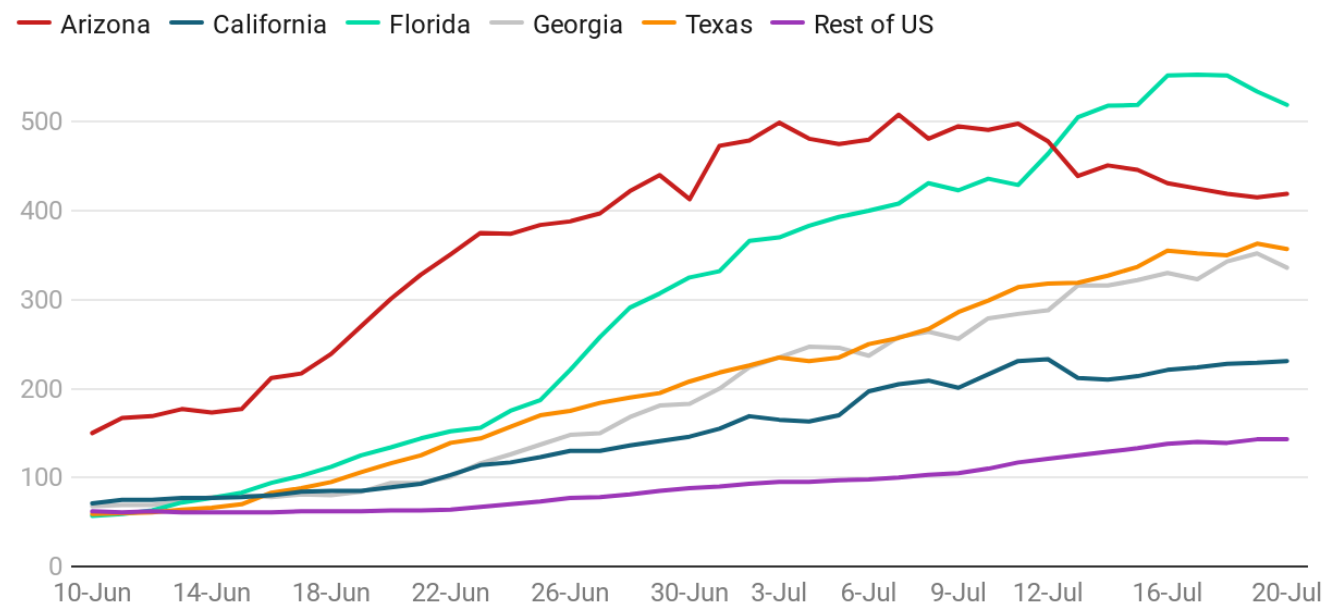


Health Industry Advisor LLC analysis

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, As of July 20



Health Industry Advisor LLC analysis

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

Arizona, California, Florida, Georgia and Texas

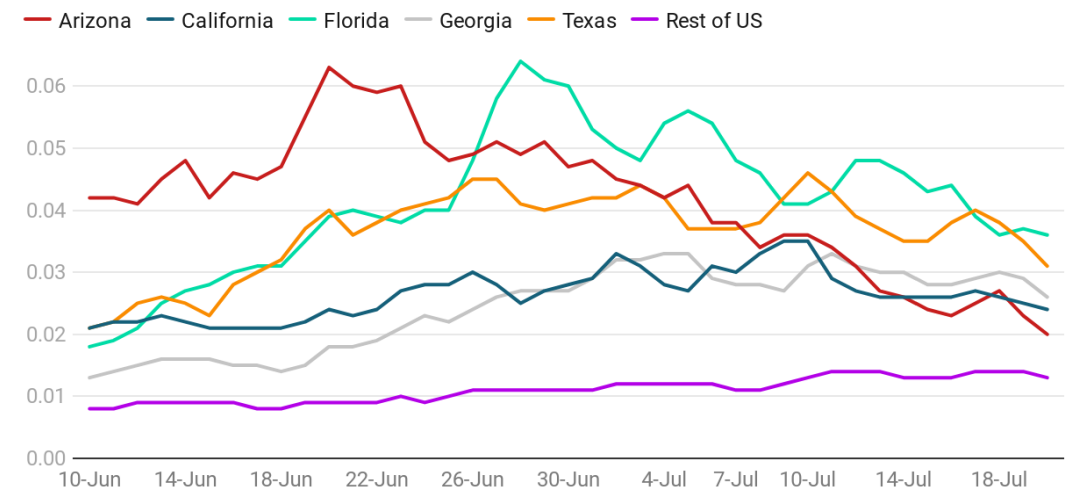
Case growth has been declining in Arizona and Florida for 3-4 weeks and, now, in California and Texas for the past 7-10 days

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



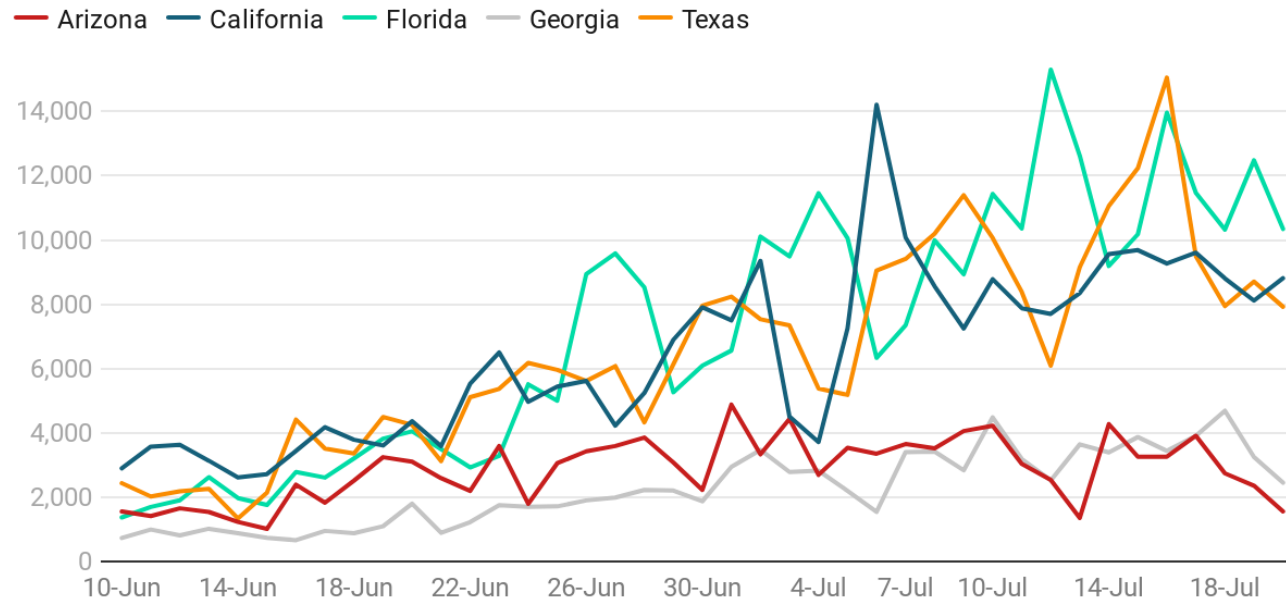
Health Industry Advisor LLC analysis

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

New cases coming down from recent peaks in the past week

New Daily Cases

June 10 - July 20



Peak new daily cases

- Arizona: July 14
- California: July 17
- Florida: July 16
- Georgia: July 12
- Texas: July 16

Health Industry Advisor LLC analysis

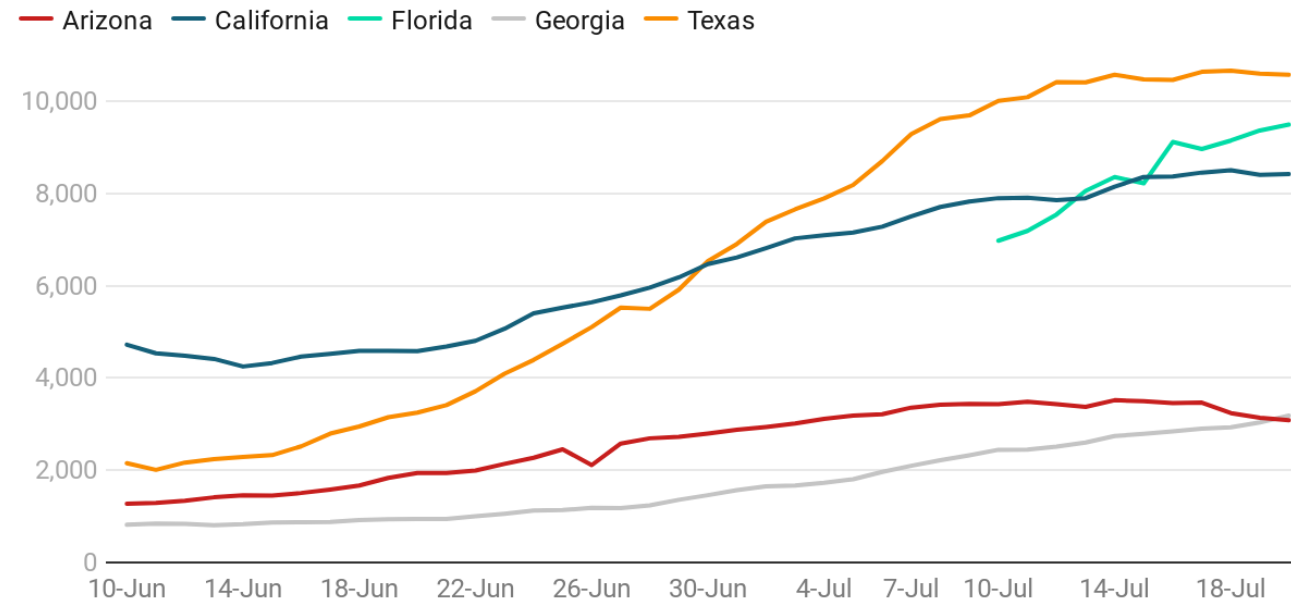
Chart: Health Industry Advisor LLC • Source: worldometers.info • Created with Datawrapper

Arizona, California, Florida, Georgia and Texas

Hospitalizations: Still rising in Florida; Stabilizing in California and Texas; Declining in Arizona

Hospitalized COVID-19 Patients

As of July 20



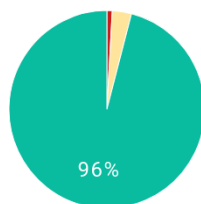
Health Industry Advisor LLC analysis,

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

Status of Active Cases

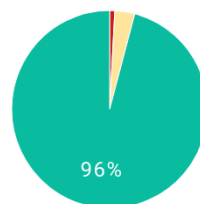
As of July 13

■ ICU
■ Hospital: Non-ICU
■ Non-Hospital



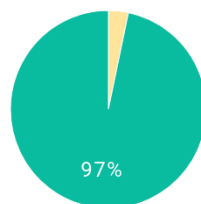
Arizona

Total:
106,325



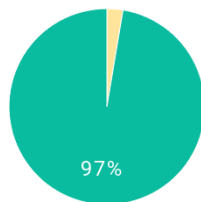
California

Total:
239,829



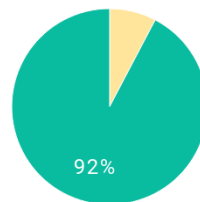
Florida

Total:
244,868



Georgia

Total:
98,358



Texas

Total:
134,953

Florida, Georgia and Texas do not report ICU patients separately from hospitalized patients

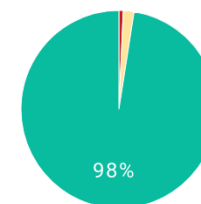
Health Industry Advisor LLC analysis

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

Status of Active Cases

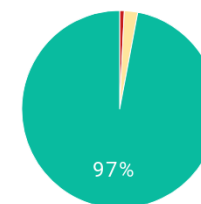
As of July 20

■ ICU
■ Hospital: Non-ICU
■ Non-Hospital



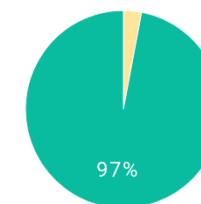
Arizona

Total:
123,881



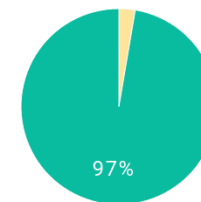
California

Total:
282,682



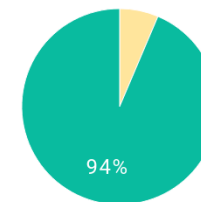
Florida

Total:
316,879



Georgia

Total:
118,624



Texas

Total:
165,083

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 20

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	3,961,429	(1)	11,964	(3)	143,834	(1)	3.6%	(17)	434.4	(7)	1.8%	(10)	2,547	(2)	207.9	(1)
Brazil	2,121,645	(2)	9,978	(5)	80,251	(2)	3.8%	(15)	377.4	(9)	1.5%	(11)	227	(21)	157.0	(3)
India	1,154,917	(3)	836	(27)	28,099	(8)	2.4%	(22)	20.4	(26)	3.5%	(3)	232	(20)	25.6	(18)
Russia	777,486	(4)	5,328	(10)	12,427	(11)	1.6%	(25)	85.2	(18)	0.8%	(18)	2,008	(3)	42.9	(14)
South Africa	373,628	(5)	6,296	(9)	5,173	(20)	1.4%	(26)	87.2	(17)	3.7%	(2)	747	(10)	206.6	(2)
Peru	357,681	(6)	10,840	(4)	13,384	(10)	3.7%	(16)	405.6	(8)	1.2%	(14)	607	(13)	119.3	(6)
Mexico	344,224	(7)	2,668	(20)	39,184	(4)	11.4%	(4)	303.7	(10)	2.0%	(8)	103	(24)	49.3	(13)
Chile	333,029	(8)	17,413	(2)	8,633	(14)	2.6%	(20)	451.4	(6)	0.7%	(19)	821	(9)	114.8	(7)
Spain	311,916	(9)	6,671	(8)	28,422	(7)	9.1%	(5)	607.9	(2)	0.5%	(21)	(0)	(30)	27.1	(17)
UK	295,372	(10)	4,350	(11)	45,312	(3)	15.3%	(2)	667.3	(1)	0.2%	(27)	2,796	(1)	11.0	(23)
Iran	276,202	(11)	3,286	(16)	14,405	(9)	5.2%	(10)	171.4	(13)	0.9%	(16)	300	(18)	28.1	(16)
Pakistan	265,083	(12)	1,199	(25)	5,599	(17)	2.1%	(23)	25.3	(25)	0.7%	(20)	100	(25)	8.7	(25)
Saudi Arabia	253,349	(13)	7,272	(7)	2,523	(26)	1.0%	(28)	72.4	(19)	1.0%	(15)	1,603	(4)	74.8	(10)
Italy	244,624	(14)	4,046	(13)	35,058	(5)	14.3%	(3)	579.9	(3)	0.1%	(29)	708	(11)	3.3	(29)
Turkey	220,572	(15)	2,614	(21)	5,508	(18)	2.5%	(21)	65.3	(20)	0.4%	(22)	498	(16)	11.1	(22)
Bangladesh	207,453	(16)	1,259	(24)	2,668	(25)	1.3%	(27)	16.2	(28)	1.4%	(12)	74	(27)	17.8	(19)
Colombia	204,005	(17)	4,007	(14)	6,929	(15)	3.4%	(18)	136.1	(14)	4.3%	(1)	504	(15)	139.5	(5)
Germany	203,487	(18)	2,428	(22)	9,173	(12)	4.5%	(13)	109.5	(15)	0.2%	(28)	866	(8)	5.2	(28)
France	176,754	(19)	2,708	(19)	30,177	(6)	17.1%	(1)	462.3	(5)	0.4%	(25)	602	(14)	9.6	(24)
Argentina	130,774	(20)	2,892	(18)	2,373	(27)	1.8%	(24)	52.5	(22)	3.3%	(4)	246	(19)	86.9	(9)
Canada	111,124	(21)	2,943	(17)	8,858	(13)	8.0%	(6)	234.6	(12)	0.4%	(23)	1,193	(6)	11.2	(21)
Qatar	107,037	(22)	38,121	(1)	159	(30)	0.1%	(30)	56.6	(21)	0.4%	(26)	1,512	(5)	153.7	(4)
Iraq	94,693	(23)	2,352	(23)	3,869	(24)	4.1%	(14)	96.1	(16)	2.5%	(7)	395	(17)	53.1	(11)
Egypt	88,402	(24)	863	(26)	4,352	(22)	4.9%	(11)	42.5	(23)	0.8%	(17)	-	(28)	7.5	(26)
Indonesia	88,214	(25)	322	(29)	4,239	(23)	4.8%	(12)	15.5	(29)	2.0%	(9)	84	(26)	5.9	(27)
China	83,682	(26)	58	(30)	4,634	(21)	5.5%	(9)	3.2	(30)	0.0%	(30)	-	(28)	0.0	(30)
Sweden	78,048	(27)	7,725	(6)	5,639	(16)	7.2%	(7)	558.2	(4)	0.4%	(24)	1,156	(7)	31.4	(15)
Ecuador	74,620	(28)	4,226	(12)	5,318	(19)	7.1%	(8)	301.2	(11)	1.2%	(13)	168	(23)	49.8	(12)
Kazakhstan	71,838	(29)	3,824	(15)	585	(29)	0.8%	(29)	31.1	(24)	2.5%	(6)	635	(12)	90.8	(8)
Philippines	68,898	(30)	628	(28)	1,835	(28)	2.7%	(19)	16.7	(27)	3.2%	(5)	220	(22)	15.5	(20)

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As of July 20

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	68,891	(19)	14,050	(10)	1,291	(23)	1.9%	(32)	263	(22)	3.1%	(6)	2,161	(23)	388.8	(4)
Alaska	1,949	(49)	2,664	(48)	18	(51)	0.9%	(49)	25	(50)	3.6%	(4)	5,662	(1)	80.1	(37)
Arizona	145,183	(8)	19,946	(4)	2,784	(16)	1.9%	(31)	382	(15)	2.0%	(26)	1,788	(32)	419.2	(3)
Arkansas	33,927	(31)	11,242	(22)	363	(37)	1.1%	(47)	120	(39)	2.3%	(19)	2,044	(26)	236.1	(12)
California	399,898	(2)	10,121	(24)	7,769	(4)	1.9%	(30)	197	(28)	2.4%	(17)	3,145	(7)	230.9	(13)
Colorado	40,566	(26)	7,044	(36)	1,758	(18)	4.3%	(12)	305	(16)	1.2%	(35)	1,062	(49)	82.5	(35)
Connecticut	48,055	(22)	13,479	(14)	4,406	(9)	9.2%	(1)	1,236	(3)	0.2%	(50)	2,724	(12)	21.8	(47)
Delaware	13,624	(40)	13,991	(11)	523	(34)	3.8%	(16)	537	(12)	0.9%	(38)	2,000	(27)	109.3	(30)
District Of Columbia	11,339	(41)	16,067	(8)	579	(32)	5.1%	(9)	820	(6)	0.6%	(45)	4,356	(3)	87.6	(34)
Florida	360,394	(3)	16,780	(6)	5,075	(8)	1.4%	(42)	236	(25)	3.6%	(5)	2,744	(11)	518.5	(1)
Georgia	145,575	(7)	13,711	(13)	3,176	(14)	2.2%	(26)	299	(17)	2.6%	(11)	2,231	(21)	336.5	(9)
Hawaii	1,393	(50)	984	(51)	24	(50)	1.7%	(37)	17	(51)	1.5%	(31)	1,088	(48)	15.1	(50)
Idaho	15,266	(38)	8,519	(28)	122	(42)	0.8%	(50)	68	(45)	4.2%	(2)	1,655	(39)	308.0	(10)
Illinois	163,923	(6)	12,936	(16)	7,494	(5)	4.6%	(11)	591	(9)	0.8%	(41)	3,001	(8)	90.1	(33)
Indiana	57,206	(20)	8,497	(29)	2,825	(15)	4.9%	(10)	420	(14)	1.4%	(33)	1,385	(44)	109.7	(29)
Iowa	39,251	(27)	12,441	(17)	797	(29)	2.0%	(27)	253	(23)	1.6%	(30)	1,894	(31)	165.0	(17)
Kansas	23,472	(33)	8,057	(34)	310	(39)	1.3%	(44)	106	(41)	2.2%	(22)	1,489	(42)	158.4	(18)
Kentucky	23,414	(34)	5,241	(42)	671	(30)	2.9%	(24)	150	(33)	2.5%	(14)	1,671	(37)	120.3	(25)
Louisiana	94,892	(12)	20,412	(3)	3,576	(11)	3.8%	(17)	769	(7)	2.4%	(16)	4,594	(2)	462.9	(2)
Maine	3,711	(46)	2,761	(47)	117	(44)	3.2%	(21)	87	(43)	0.7%	(43)	1,622	(41)	16.3	(49)
Maryland	78,685	(15)	13,015	(15)	3,382	(12)	4.3%	(13)	559	(10)	1.0%	(36)	2,300	(17)	121.9	(23)
Massachusetts	113,789	(9)	16,374	(7)	8,433	(3)	7.4%	(5)	1,213	(4)	0.3%	(48)	1,750	(35)	40.3	(45)
Michigan	82,395	(13)	8,250	(32)	6,373	(7)	7.7%	(3)	638	(8)	0.9%	(37)	2,766	(10)	74.3	(38)
Minnesota	47,107	(23)	8,353	(30)	1,585	(20)	3.4%	(18)	281	(19)	1.5%	(32)	2,493	(15)	109.8	(28)
Mississippi	43,889	(24)	14,747	(9)	1,358	(22)	3.1%	(22)	456	(13)	2.6%	(12)	2,235	(20)	346.0	(8)

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As of July 20

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	35,821	(29)	5,836	(41)	1,167	(24)	3.3%	(20)	190	(30)	2.8%	(10)	1,772	(34)	134.4	(20)
Montana	2,621	(47)	2,452	(49)	39	(48)	1.5%	(40)	36	(49)	4.6%	(1)	2,720	(13)	104.0	(32)
Nebraska	22,847	(35)	11,811	(20)	313	(38)	1.4%	(43)	162	(31)	0.8%	(40)	1,716	(36)	106.9	(31)
Nevada	36,713	(28)	11,919	(19)	648	(31)	1.8%	(35)	210	(27)	3.8%	(3)	1,959	(29)	380.2	(5)
New Hampshire	6,249	(43)	4,596	(43)	398	(36)	6.4%	(7)	293	(18)	0.4%	(46)	894	(51)	19.0	(48)
New Jersey	183,114	(5)	20,616	(2)	15,804	(2)	8.6%	(2)	1,779	(1)	0.1%	(51)	1,648	(40)	28.1	(46)
New Mexico	17,215	(37)	8,210	(33)	578	(33)	3.4%	(19)	276	(20)	1.7%	(29)	3,465	(4)	131.1	(21)
New York	434,871	(1)	22,354	(1)	32,584	(1)	7.5%	(4)	1,675	(2)	0.2%	(49)	3,231	(6)	48.2	(44)
North Carolina	101,294	(11)	9,658	(25)	1,680	(19)	1.7%	(38)	160	(32)	2.1%	(25)	2,771	(9)	184.8	(15)
North Dakota	5,126	(45)	6,726	(37)	93	(46)	1.8%	(33)	122	(38)	2.3%	(18)	2,531	(14)	128.2	(22)
Ohio	76,196	(17)	6,519	(38)	3,192	(13)	4.2%	(14)	273	(21)	1.9%	(28)	1,921	(30)	113.7	(26)
Oklahoma	25,433	(32)	6,427	(40)	452	(35)	1.8%	(34)	114	(40)	2.2%	(21)	1,997	(28)	169.2	(16)
Oregon	14,847	(39)	3,520	(45)	262	(40)	1.8%	(36)	62	(46)	2.6%	(13)	1,332	(45)	81.6	(36)
Pennsylvania	106,498	(10)	8,319	(31)	7,088	(6)	6.7%	(6)	554	(11)	0.8%	(39)	1,210	(46)	68.3	(40)
Rhode Island	17,904	(36)	16,901	(5)	995	(26)	5.6%	(8)	939	(5)	0.3%	(47)	1,400	(43)	56.2	(43)
South Carolina	71,445	(18)	13,876	(12)	1,164	(25)	1.6%	(39)	226	(26)	2.8%	(9)	2,253	(19)	368.4	(6)
South Dakota	7,943	(42)	8,979	(27)	118	(43)	1.5%	(41)	133	(36)	0.7%	(42)	1,175	(47)	67.7	(41)
Tennessee	79,754	(14)	11,672	(21)	847	(27)	1.1%	(48)	124	(37)	2.9%	(8)	3,370	(5)	302.7	(11)
Texas	347,135	(4)	11,972	(18)	4,181	(10)	1.2%	(45)	144	(35)	3.1%	(7)	2,190	(22)	356.8	(7)
Utah	34,526	(30)	10,769	(23)	247	(41)	0.7%	(51)	77	(44)	2.2%	(20)	2,276	(18)	200.3	(14)
Vermont	1,360	(51)	2,180	(50)	56	(47)	4.1%	(15)	90	(42)	0.6%	(44)	1,668	(38)	13.5	(51)
Virginia	78,375	(16)	9,182	(26)	2,031	(17)	2.6%	(25)	238	(24)	1.3%	(34)	1,782	(33)	112.7	(27)
Washington	49,225	(21)	6,464	(39)	1,464	(21)	3.0%	(23)	192	(29)	2.1%	(24)	2,314	(16)	121.6	(24)
West Virginia	5,142	(44)	2,877	(46)	100	(45)	1.9%	(29)	56	(47)	2.4%	(15)	2,139	(24)	66.3	(42)
Wisconsin	43,018	(25)	7,388	(35)	846	(28)	2.0%	(28)	145	(34)	2.1%	(23)	2,061	(25)	149.1	(19)
Wyoming	2,187	(48)	3,779	(44)	24	(50)	1.1%	(46)	41	(48)	2.0%	(27)	1,031	(50)	69.9	(39)
United States	3,961,429		11,968		143,834		3.6%		434		1.8%		2,354		207.9	

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>