

# CDC COVID-19 Response Update Report

## Monday, August 23, 2021

INTERNAL – NOT FOR FURTHER DISTRIBUTION

### Table of Contents

<b>Summary Report</b> .....	<b>4</b>
Cases and Deaths by Jurisdiction .....	4
Compilation of US Case Counts .....	5
Trends and Vaccination.....	6
Daily change in COVID-19 Cases, United States.....	6
New Admissions of Patients with Confirmed COVID-19, United States .....	6
Daily Change in COVID-19 Deaths, United States .....	7
Daily SARS-CoV-2 NAAT Percent Test Positivity and Test Volume, United States.....	7
SARS-CoV-2 Variants Circulating in the United States.....	8
Regional Trends in COVID-19 Cases, Hospitalization, Deaths, and SARS-CoV-2 Percent Test Positivity, United States	8
COVID-19 Vaccine Distribution and Administration Reported to the CDC.....	9
Map: Percentage of People Fully Vaccinated with any COVID-19 Vaccine by State or Territory, United States.....	10
Percent of People Receiving COVID-19 Vaccine by Race/Ethnicity and Date Administered, United States .....	11
Percent of People Receiving COVID-19 Vaccine Sex and Date Administered, United State Vaccine.....	11
Percent of People Receiving COVID-19 Vaccine by Age Group and Date Administered, United States .....	12
<b>Domestic Overview</b> .....	<b>13</b>
COVID-19 Cases.....	13
Daily Change in COVID-19 Cases, United States .....	13
COVID-19 Cases by HHS Region, United States .....	13
New Cases per 100,000 Population in the Past 7 Days and 7-Day Percent Change.....	14
Geofacet: COVID-19 Case Incidence (7-Day Cumulative) and Trend (Week-to-Week Percent Change) .....	14
Map: COVID-19 Case Incidence in the Last 7 Days and Comparison to the Previous 7 Days by County.....	15
Demographic Distribution of COVID-19 Cases.....	15
COVID-19 Weekly Cases per 100,000 Population by Sex, United States.....	16
COVID-19 Weekly Cases per 100,000 Population by Age Group, United States .....	16
COVID-19 Weekly Cases per 100,000 Population by Age Group and HHS Region, United States .....	17
COVID-19 Weekly Cases per 100,000 Population by Race/Ethnicity, United States .....	17
COVID-19 Weekly Cases per 100,000 by Race/Ethnicity and HHS Regions, United States .....	18
Proportion of COVID-19 Weekly Cases by Age Group and Race/Ethnicity, United States .....	18
Proportion of COVID-19 Weekly Cases in 18-24 Age Group by Race/Ethnicity and HHS Region, United States .....	19
COVID-19 Weekly Cases per 100,00 Population by Urbanicity, United States.....	19
COVID-19 Weekly Cases per 100,000 Population by Urbanicity and HHS Regions, United States .....	20
COVID-19 Weekly Cases per 100,000 Population by Race/Ethnicity and Urbanicity, United States .....	20
COVID-19 Weekly Cases per 100,000 Population by Race/Ethnicity, Urbanicity, and HHS Regions, United States ....	21
Map: Cumulative COVID-19 Cases per 100,000 Population by County.....	21
COVID-19 Hospital Data .....	22
New Admissions of Patients with Confirmed COVID-19, United States .....	22
Prevalent Hospitalization of Patients with Confirmed COVID-19, United States .....	22
Rates of New Admissions of Patients with Confirmed COVID-19 by State.....	23
Geofacet: Cumulative 7-Day Admission of Patients with Confirmed COVID-19 per 100 Beds and Percent Change ...	23

Geofacet: Average 7-Day Admission of Patients with Confirmed COVID-19 per 100,000 Population and Percent Change ..... 24

Map: New Admissions of Patients with Confirmed COVID-19 per 100 Beds and Percent Change from Previous Week ..... 24

Map: COVID-19 Hospital Admissions in the Last 7 Days and Comparison to the Previous 7 Days by Hospital Service Area (HSA) ..... 25

Map: COVID-19 Hospital Inpatient Utilization in the Last 7 Days and Comparison to the Previous 7 Days by Hospital Service Area (HSA) ..... 25

New Admissions of Patients with Confirmed COVID-19 per 100,000 Population by Age Group, United States ..... 26

New Admissions of Patients with Confirmed COVID-19 per 100,000 Population by Age Group and HHS Region, United States..... 26

COVID-NET: Laboratory Confirmed COVID-19-Associated Hospitalizations by Race/Ethnicity..... 27

Map: Inpatient Bed Occupancy by State ..... 27

Map: ICU Bed Occupancy by State..... 28

Outpatient/Emergency Department Visits ..... 28

    Weekly Percentage of Emergency Department (ED) Visits of Patients Diagnosed with COVID-19 ..... 28

    COVID-19 and Influenza Discharge Diagnosis as Percentage of Emergency Room Visits ..... 29

    National COVID-19 Activity Indicators ..... 29

    Geofacet: Emergency Department Visits for COVID-19 Discharge Diagnosis by State ..... 30

COVID-19 Deaths..... 30

    Daily Change in COVID-19 Deaths, United States..... 30

    COVID-19 Deaths by HHS Region, United States ..... 31

    Map: COVID-19 Mortality Rate in the Last 7 Days and Comparison to the Previous 7 Days by County ..... 31

    Demographic Distribution of COVID-19 Deaths ..... 32

    COVID-19 Weekly Deaths per 100,000 Population by Sex, United States..... 32

    COVID-19 Weekly Deaths per 100,000 Population by Age Group, United States ..... 33

    COVID-19 Weekly Deaths per 100,000 Population by Age Group and HHS Regions, United States..... 33

    COVID-19 Weekly Deaths per 100,000 Population by Race/Ethnicity, United States..... 34

    COVID-19 Weekly Deaths per 100,000 Population by Race/Ethnicity and HHS Region, United States ..... 34

    COVID-19 Weekly Deaths per 100,000 Population by Race/Ethnicity by Age Group, United States..... 35

    COVID-19 Weekly Proportion of Deaths by Age Group and Race/Ethnicity, United States..... 35

    COVID-19 Weekly Deaths per 100,000 Population by Urbanicity, United States ..... 36

    COVID-19 Weekly Deaths per 100,000 Population by Urbanicity and HHS Region, United States..... 36

    COVID-19 Weekly Deaths per 100,000 Population by Race/Ethnicity and Urbanicity, United States ..... 37

    COVID-19 Weekly Deaths per 100,000 Population by Race/Ethnicity per Urbanicity and HHS Region, United States37

    Map: Cumulative COVID-19 Deaths per 100,000 Population by County..... 38

COVID-19 Testing ..... 38

    Daily SARS-CoV-2 NAAT Percent Test Positivity and Test Volume, United States..... 38

    Daily SARS-CoV-2 NAAT Percent Test Positivity and Test Results Reported by HHS Region, United States ..... 39

    SARS-CoV-2 NAAT Test Volume per 100,000 Population, Percent Test Positivity, and Comparison to Previous Week by Jurisdiction ..... 39

    Percentage of Positive SARS-CoV-2 Tests in the Past 7 Days and 7-Day Difference ..... 40

    Geofacet: 30-Day Histograms of SARS-CoV-2 NAAT Percent Positivity 7-Day Moving Averages..... 40

    Map: Viral (RT-PCR) Lab Test Positivity in the Last 7 Days and Comparison to the Previous 7 Days by County ..... 41

    SARS-CoV-2 Laboratory Test Results Comparison of Percent Test Positivity: NAAT and Antigen Testing..... 41

    Viral (NAAT) Lab Test Positivity by Age Group, Test Volume by Age Group, and Total Test Volume ..... 42

    Trends in Viral (RT-PCR) Lab Test Positivity by Age Group and Region ..... 42

    COVID-19 Cases, Deaths, and Laboratory Testing Overview by Jurisdiction, United States ..... 43

Cases and Deaths in Skilled Nursing Facilities (SNFs)..... 43

    COVID-19 Cases Among Staff in SNFs ..... 43

    COVID-19 Cases Among Residents in SNFs ..... 44

Geofacet: Change in Incidence Rates of Confirmed COVID-19 Cases Among Residents in SNFs..... 44

COVID-19 Deaths Among Staff in SNFs ..... 45

COVID-19 Deaths Among Residents in SNFs..... 45

Geofacet: Change in Incidence Rates of Confirmed COVID-19 Deaths Among Residents in SNFs..... 46

Map: COVID-19 Cases Among Residents in SNFs, Percent of SNFs with ≥1 Confirmed Cases, Last 4 Weeks ..... 46

Excess Deaths ..... 47

    Pneumonia, Influenza, and COVID-19 (PIC) Mortality ..... 47

    Weekly Number of Deaths – Comparing Excess Deaths Including and Excluding COVID-19 ..... 48

    Number of Estimated Excess Deaths Associated with COVID-19 by Month, United States..... 48

COVID-19 National Forecasts ..... 49

    New COVID-19 Cases per 100,000 Population ..... 49

    Estimated New COVID-19 Cases ..... 49

    New COVID-19 Hospitalizations per 100,000 Population ..... 50

    New and Cumulative COVID-19 Deaths per 100,000 Population ..... 50

    Estimated New COVID-19 Deaths ..... 51

**Special Populations ..... 51**

    COVID-19 Cases and Deaths in US Healthcare Workers ..... 51

    Multisystem Inflammatory Syndrome in Children (MIS-C) in the United States ..... 52

        Map: Reported MIS-C Case Ranges by Jurisdiction ..... 52

        Daily MIS-C Cases and COVID-19 Cases Reported to CDC (7-Day Moving Average) ..... 52

        Characteristics of Reported MIS-C Patients..... 53

    COVID-19 Among Pregnant Women in the US ..... 53

    Cases and Deaths in US Correctional and Detention Facilities ..... 54

    COVID-19 Related School Closures ..... 54

        COVID-19 Related K-12 School Closures by Week of Closure Announcements, United States ..... 55

**International Summary ..... 55**

    WHO COVID-19 Global Cases and Deaths..... 55

    Weekly COVID-19 International Situation Update..... 56

    Global Vaccinations Summary ..... 59

    COVID-19 Variants of Concern ..... 60

**CDC Response by the Numbers and Deployment Summary ..... 61**

    COVID-19 Response by the Numbers ..... 61

    Current CDC COVID-19 Domestic Deployments by State ..... 61

    Health Department and High-Risk Settings Deployments ..... 62

**CDC Website Updates – COVID-19 Response..... 62**

**Appendix: Reporting Frequencies by Jurisdiction ..... 63**

Summary Report

Cases and Deaths by Jurisdiction

Note: Aggregate case and death data will be updated Monday through Saturday.

The CDC numbers have been reviewed and approved by states and are suitable for use in all official communications.<sup>1</sup>

Data Through: Aug 22, 2021 Last Updated: Aug 23, 2021, 10:30

Number of jurisdictions reporting (not including Navajo Nation): 21 of 60

COVID-19 Cases and Deaths by Jurisdiction <sup>2</sup>														
Area <sup>3</sup>	Cases						Deaths							
	Total	Last 24 Hrs <sup>4</sup>	7-Day Avg	Incidence per 100K <sup>5</sup>			Total	Last 24 Hrs <sup>4</sup>	7-Day Avg	Incidence per 100K <sup>5</sup>			Latest 30-Day CFR <sup>6</sup>	Deaths per Pop
				Total	Last 24 Hrs	7-Day Avg				Total	Last 24 Hrs	7-Day Avg		
AK <sup>7</sup>	79,479	-	353	10,865	-	48	406	-	2	55	-	0.2	0.3%	1 in 1,802
AL	665,653	4,039	4,041	13,576	82	82	12,000	22	29	245	0.4	0.6	0.4%	1 in 409
AR	435,256	1,229	2,207	14,423	41	73	6,674	29	30	221	1.0	1.0	1.0%	1 in 452
AZ	986,082	3,307	2,946	13,547	45	40	18,600	3	19	256	0.0	0.3	0.6%	1 in 391
CA <sup>8</sup>	4,291,284	961	8,105	10,861	2	21	64,674	4	24	164	0.0	0.1	0.3%	1 in 611
CO <sup>7,9</sup>	598,940	-	877	10,401	-	15	7,067	-	4	123	-	0.1	0.7%	1 in 815
CT <sup>7</sup>	365,856	-	424	10,262	-	12	8,337	-	4	234	-	0.1	0.4%	1 in 428
DE	116,771	310	326	11,992	32	34	1,854	-	2	190	-	0.2	0.4%	1 in 525
FL <sup>8</sup>	3,082,733	14,621	21,297	14,353	68	99	42,716	1	38	199	0.0	0.2	0.6%	1 in 503
GA <sup>7</sup>	1,307,084	-	5,934	12,311	-	56	22,199	-	28	209	-	0.3	0.4%	1 in 478
HI	54,038	885	690	3,817	63	49	561	1	2	40	0.1	0.1	0.2%	1 in 2,524
IA <sup>7</sup>	395,167	-	682	12,525	-	22	6,226	-	2	197	-	0.1	0.3%	1 in 507
ID <sup>7</sup>	212,939	-	569	11,916	-	32	2,283	-	5	128	-	0.3	0.7%	1 in 783
IL <sup>7</sup>	1,482,369	-	2,657	11,698	-	21	26,223	-	16	207	-	0.1	0.5%	1 in 483
IN <sup>7</sup>	817,149	-	2,281	12,138	-	34	14,228	-	7	211	-	0.1	0.5%	1 in 473
KS <sup>7</sup>	356,065	-	929	12,222	-	32	5,494	-	15	189	-	0.5	0.9%	1 in 530
KY <sup>7,10</sup>	534,430	-	2,191	11,962	-	49	7,517	-	4	168	-	0.1	0.2%	1 in 594
LA <sup>7</sup>	649,915	-	3,747	13,980	-	81	11,918	-	51	256	-	1.1	0.7%	1 in 390
MA <sup>7</sup>	743,735	-	1,027	10,790	-	15	18,175	-	4	264	-	0.1	0.5%	1 in 379
MD	486,968	495	1,002	8,055	8	17	9,943	3	7	164	0.0	0.1	0.6%	1 in 608
ME <sup>7</sup>	73,659	-	127	5,480	-	9	924	-	3	69	-	0.2	0.7%	1 in 1,455
MI <sup>7,11</sup>	1,040,673	-	1,350	10,420	-	14	21,393	-	10	214	-	0.1	0.6%	1 in 467
MN <sup>7,12</sup>	633,556	-	1,105	11,234	-	20	7,853	-	4	139	-	0.1	0.5%	1 in 718
MO	739,469	1,444	2,439	12,049	24	40	10,206	1	25	166	0.0	0.4	0.8%	1 in 601
MS <sup>7,13</sup>	406,249	-	2,466	13,650	-	83	7,991	-	7	269	-	0.2	0.4%	1 in 372
MT <sup>7</sup>	122,318	-	307	11,445	-	29	1,755	-	3	164	-	0.3	0.8%	1 in 609
NC <sup>7</sup>	1,144,894	-	3,926	10,916	-	37	14,059	-	28	134	-	0.3	0.4%	1 in 746
ND	114,806	59	211	15,065	8	28	1,551	-	1	204	-	0.1	0.4%	1 in 491
NE <sup>7</sup>	237,492	-	409	12,277	-	21	2,302	-	1	119	-	0.1	0.2%	1 in 840
NH <sup>7</sup>	104,571	-	185	7,691	-	14	1,397	-	0	103	-	0.0	0.3%	1 in 973
NJ	1,074,306	1,450	1,910	12,095	16	22	26,752	2	8	301	0.0	0.1	0.4%	1 in 332
NM <sup>7</sup>	223,796	-	578	10,673	-	28	4,472	-	2	213	-	0.1	0.3%	1 in 469
NV <sup>7</sup>	378,700	-	842	12,295	-	27	6,280	-	14	204	-	0.5	1.6%	1 in 490
NYC	1,018,844	1,636	1,959	12,131	19	23	33,741	11	10	402	0.1	0.1	0.5%	1 in 249

<sup>1</sup> Aggregated cases and deaths may include probable cases and/or deaths based on reporting practices that differ by jurisdiction. Jurisdictions may submit data directly to CDC which may differ from data reported on their official websites. See [About CDC COVID-19 Data](#) on the CDC Webpage. Totals for new cases and new deaths reported in the last 24 hours and the 7-day averages do not include historical cases or deaths reported retroactively. Historical cases and deaths are still reflected in the cumulative totals, nationally and by jurisdiction. See the footnotes for historical cases and deaths reported in the past week per jurisdiction, if any.

<sup>2</sup> Darker shading in columns corresponds to higher values.

<sup>3</sup> AS = American Samoa; CNMI = Commonwealth of Northern Mariana Islands; DC = District of Columbia; FSM = Federated States of Micronesia; GU = Guam; NN = Navajo Nation; PR = Puerto Rico; PW = Palau; RMI = Republic of the Marshall Islands; USVI = US Virgin Islands.

<sup>4</sup> These data represent new cases and deaths reported since the last update. Counts may have decreased from the previous report due to reclassification of cases to other case classifications (e.g., probable to confirmed) by jurisdictions.

<sup>5</sup> Population denominators based on 2019 US Census data except for where 2018 Census data was the most recent source available (NYC and territories except PR).

<sup>6</sup> Percent change in cases, deaths, and case fatality rates (CFR) were not calculated when the denominator was less than five.

<sup>7</sup> Jurisdiction did not provide an update.

<sup>8</sup> Updated time series data - assigned retroactively reported historical cases/deaths to the appropriate date.

<sup>9</sup> Colorado reported historical cases on Aug 16, 2021 (121); Aug 17, 2021 (286); Aug 18, 2021 (240); Aug 19, 2021 (466); and Aug 20, 2021 (347).

<sup>10</sup> Kentucky reported historical deaths on Aug 20, 2021 (34).

<sup>11</sup> Michigan reported historical deaths on Aug 16, 2021 (8); Aug 18, 2021 (15); and Aug 20, 2021 (13).

<sup>12</sup> Minnesota reported historical deaths on Aug 20, 2021 (1).

<sup>13</sup> Mississippi reported historical deaths on Aug 19, 2021 (29).

COVID-19 Cases and Deaths by Jurisdiction <sup>2</sup>														
Area <sup>3</sup>	Cases						Deaths							
	Total	Last 24 Hrs <sup>4</sup>	7-Day Avg	Incidence per 100K <sup>5</sup>			Total	Last 24 Hrs <sup>4</sup>	7-Day Avg	Incidence per 100K <sup>5</sup>			Latest 30-Day CFR <sup>6</sup>	Deaths per Pop
				Total	Last 24 Hrs	7-Day Avg				Total	Last 24 Hrs	7-Day Avg		
NY	1,218,532	2,498	2,531	11,023	23	23	20,164	16	12	182	0.1	0.1	0.4%	1 in 548
OH	1,180,986	2,194	3,032	10,103	19	26	20,689	-	11	177	-	0.1	0.4%	1 in 565
OK <sup>7</sup>	527,364	-	1,808	13,327	-	46	7,764	-	14	196	-	0.4	0.5%	1 in 510
OR <sup>7</sup>	252,977	-	1,656	5,998	-	39	3,012	-	10	71	-	0.2	0.5%	1 in 1,400
PA	1,267,709	2,169	2,456	9,902	17	19	28,076	1	16	219	0.0	0.1	0.5%	1 in 456
RI <sup>7</sup>	159,710	-	237	15,076	-	22	2,753	-	1	260	-	0.1	0.2%	1 in 385
SC <sup>7</sup>	681,615	-	2,476	13,239	-	48	10,239	-	17	199	-	0.3	0.5%	1 in 503
SD <sup>7</sup>	128,295	-	204	14,502	-	23	2,057	-	1	233	-	0.1	0.5%	1 in 430
TN <sup>8</sup>	993,359	647	5,088	14,546	9	74	13,179	-	17	193	-	0.2	0.4%	1 in 518
TX <sup>14</sup>	3,445,183	4,501	16,758	11,882	16	58	53,994	66	129	186	0.2	0.4	0.6%	1 in 537
UT <sup>7</sup>	451,655	-	808	14,088	-	25	2,572	-	6	80	-	0.2	0.6%	1 in 1,246
VA <sup>7</sup>	736,772	-	1,821	8,632	-	21	11,674	-	8	137	-	0.1	0.4%	1 in 731
VT <sup>7</sup>	24,955	-	62	3,999	-	10	260	-	1	42	-	0.1	0.5%	1 in 2,400
WA <sup>7</sup>	528,453	-	2,300	6,940	-	30	6,356	-	16	83	-	0.2	0.4%	1 in 1,198
WI <sup>7</sup>	714,600	-	1,157	12,273	-	20	8,368	-	7	144	-	0.1	0.4%	1 in 696
WV <sup>7</sup>	177,533	-	570	9,906	-	32	3,008	-	3	168	-	0.2	0.6%	1 in 596
WY <sup>7</sup>	70,671	-	279	12,211	-	48	809	-	2	140	-	0.4	0.7%	1 in 715
AS	-	-	-	-	-	-	-	-	-	-	-	-	-	N/A
CNMI <sup>15</sup>	183	0	0	322	0	0	2	0	0	4	0.0	0.0	-	1 in 28,441
DC <sup>7,16</sup>	53,342	-	97	7,558	-	14	1,155	-	1	164	-	0.1	0.3%	1 in 611
FSM <sup>7</sup>	7	-	-	7	-	-	-	-	-	-	-	-	-	N/A
GU <sup>7</sup>	9,394	-	54	5,667	-	32	144	-	0	87	-	0.1	0.1%	1 in 1,151
PR	164,759	777	848	5,159	24	27	2,742	4	11	86	0.1	0.3	0.8%	1 in 1,165
PW <sup>7</sup>	2	-	-	11	-	-	-	-	-	-	-	-	-	N/A
RMI <sup>7</sup>	4	-	-	7	-	-	-	-	-	-	-	-	-	N/A
USVI <sup>7</sup>	5,605	-	42	5,354	-	40	45	-	1	43	-	0.5	0.8%	1 in 2,326
<b>Total</b>	<b>37,768,911</b>	<b>43,222</b>	<b>124,383</b>	<b>11,376</b>	<b>13</b>	<b>37</b>	<b>626,833</b>	<b>164</b>	<b>692</b>	<b>189</b>	<b>0.0</b>	<b>0.2</b>	<b>0.5%</b>	<b>1 in 530</b>
NN <sup>17</sup>	32,252	33	71	9,037	9	20	1,397	-	2	391	-	0.4	3.0%	1 in 255

See appendix for additional notes on jurisdictions' reporting frequencies.

### Compilation of US Case Counts

Reporting Source <sup>18</sup>	Data as of (EST)	Cases	New Cases	Deaths	New Deaths
Official Sources (see table above)	Aug 23, 10:30	37,768,911	43,222	626,833	164
<a href="#">1Point3Acres</a>	Aug 23, 10:31	38,564,166	38,657	642,017	175
<a href="#">Johns Hopkins University</a>	Aug 23, 10:32	37,718,408	40,153	628,564	222
<a href="#">USAfacts</a>	Aug 20, NA	36,850,841	156,661	621,041	1,232
<a href="#">New York Times</a>	Aug 23, NA	37,777,607	32,953	628,285	185
<a href="#">WorldoMeter</a>	Aug 23, 10:56	38,546,069	26,775	645,063	223

<sup>14</sup> Texas reported historical cases on Aug 16, 2021 (102); Aug 17, 2021 (250); Aug 18, 2021 (968); Aug 19, 2021 (204); Aug 20, 2021 (1,934); Aug 21, 2021 (376); and Aug 22, 2021 (70).

<sup>15</sup> Jurisdiction reported zero new cases and zero new deaths.

<sup>16</sup> Washington DC reported historical cases on Aug 16, 2021 (28) and Aug 18, 2021 (72).

<sup>17</sup> Cases in the Navajo Nation were likely also reported by Arizona, New Mexico, and Utah.

<sup>18</sup> Data from other organizations were not reviewed or validated by CDC and may include data derived from open media sources not represented on official state public health department websites.

Trends and Vaccination

### Daily Change in COVID-19 Cases, United States

January 22, 2020\* - August 22, 2021



**37,768,911**

Total Cases Reported

**43,222**

New Cases Reported\*\*

**124,383**

Current 7-Day Average\*\*

Aug 16, 2021 - Aug 22, 2021

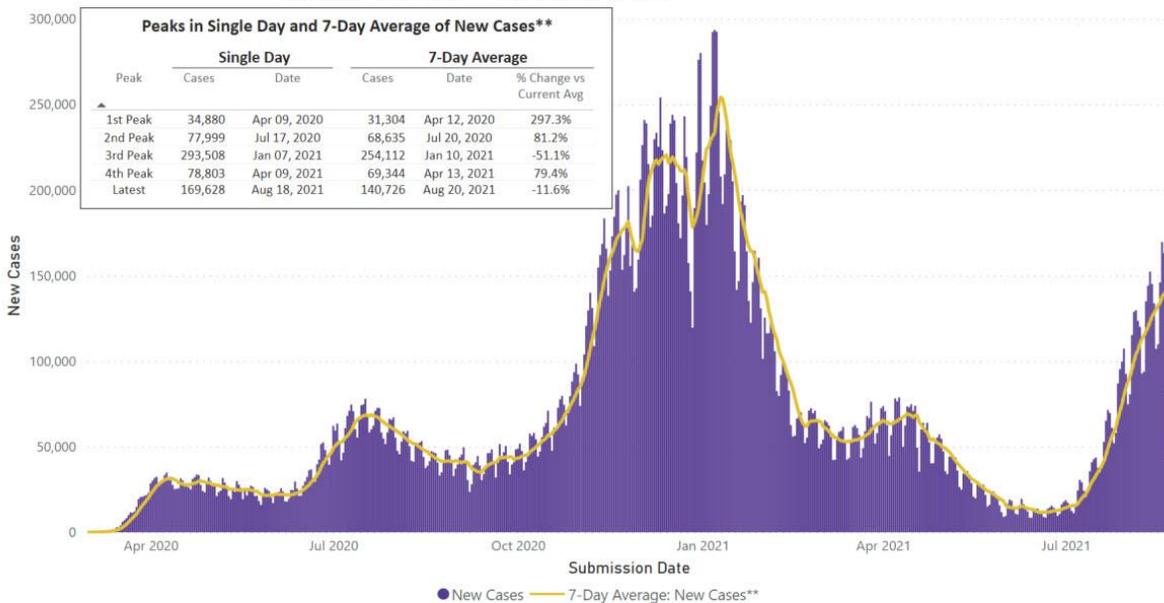
**130,165**

Prior 7-Day Average\*\*

Aug 09, 2021 - Aug 15, 2021

**-4.4%**

Change in 7-Day Average



\*Graph displays data for Mar 01, 2020, to date. The totals include cases reported since Jan 22, 2020.

\*\* The histogram, total of new cases in the last 24 hours, and 7-day averages do not include historical cases retroactively that are not yet attributed to the correct date of report. Of 97,871 historical cases reported retroactively, 70 were reported on the most recent submission date; 5,464 in the current week; and 2,900 in the prior week.

Last Updated: Aug 23, 2021, 12:20

Data Source: CDC Case Surveillance, state-level aggregated COVID-19 Cases, HHS Protect; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

### New Admissions of Patients with Confirmed COVID-19, United States

August 01, 2020 – August 21, 2021



**2,633,567**

Total New Admissions

Aug 01, 2020 – Aug 21, 2021

**8,713**

New Admissions

Aug 21, 2021

**11,337**

Current 7-Day Average

Aug 15, 2021 – Aug 21, 2021

**11,162**

Prior 7-Day Average

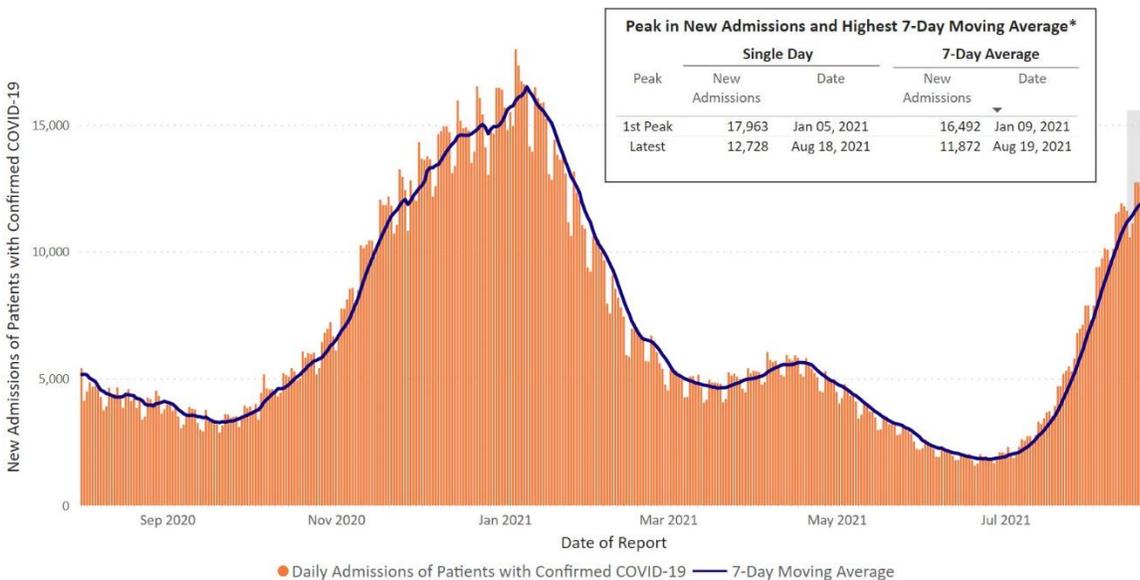
Aug 08, 2021 – Aug 14, 2021

**+1.6%**

Change in 7-Day Average

**-31.3%**

Change Since Peak 7-Day Average



Based on reporting from all hospitals (N=5,251). Due to potential reporting delays, data reported in the most recent 7 days (as represented by the shaded bar) should be interpreted with caution. Data reported prior to Aug 1, 2020 are unavailable.

\*Small shifts in historic data may occur due to changes in the CMS Provider of Services file, which is used to identify the cohort of included hospitals.

Last Updated: Aug 23, 2021

Data Source: Unflipped Hospital Timeseries Dataset, HHS Protect; White House COVID-19 Team, Data Strategy and Execution Workgroup; Visualization: CDC CPR DEO Situational Awareness Public Health Scientist Team

## Daily Change in COVID-19 Deaths, United States January 22, 2020\* - August 22, 2021



**626,833**

Total Deaths Reported

**164**

New Deaths Reported\*\*

**692**

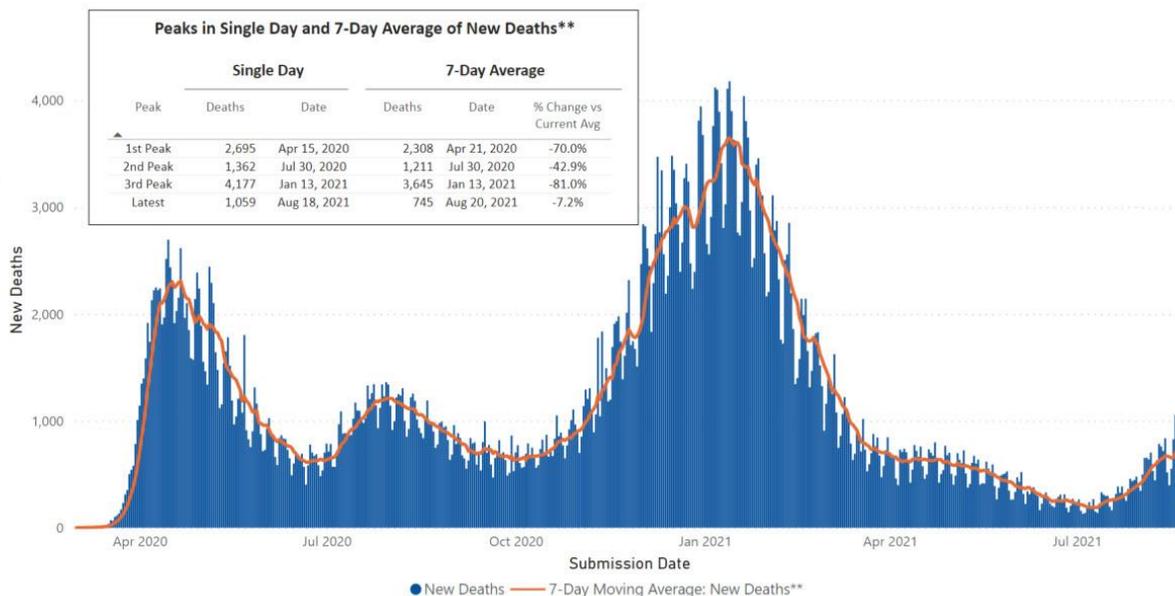
Current 7-Day Average\*\*  
Aug 16, 2021 - Aug 22, 2021

**664**

Prior 7-Day Average\*\*  
Aug 09, 2021 - Aug 15, 2021

**4.2%**

Change in 7-Day Average



\*Graph displays data starting on Mar 01, 2020. The totals include deaths reported since Jan 22, 2021.

\*\* The histogram, total of new deaths in the last 24 hours, and 7-day averages do not include historical deaths reported retroactively. Historical deaths are still reflected in the cumulative national total. Of 6,385 historical deaths reported retroactively, none were reported on the most recent submission date; 100 in the current week; and 27 in the prior week.

Last Updated: Aug 23, 2021, 12:20

Data Source: CDC Case Surveillance, state-level aggregated COVID-19 Cases, HHS Protect; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

## Daily SARS-CoV-2 NAAT Percent Test Positivity and Test Volume, United States March 01, 2020 – August 20, 2021



**512,630,734**

Total Test Volume

**1,136,286**

Current 7-Day Avg. Daily Test Volume  
Aug 10, 2021 – Aug 16, 2021

**1,120,383**

Prior 7-Day Avg. Daily Test Volume  
Aug 03, 2021 – Aug 09, 2021

**1.4%**

Percent Change in 7-Day Avg.

**9.6%**

Current 7-Day Avg. % Positivity  
Aug 14, 2021 – Aug 20, 2021

**10.2%**

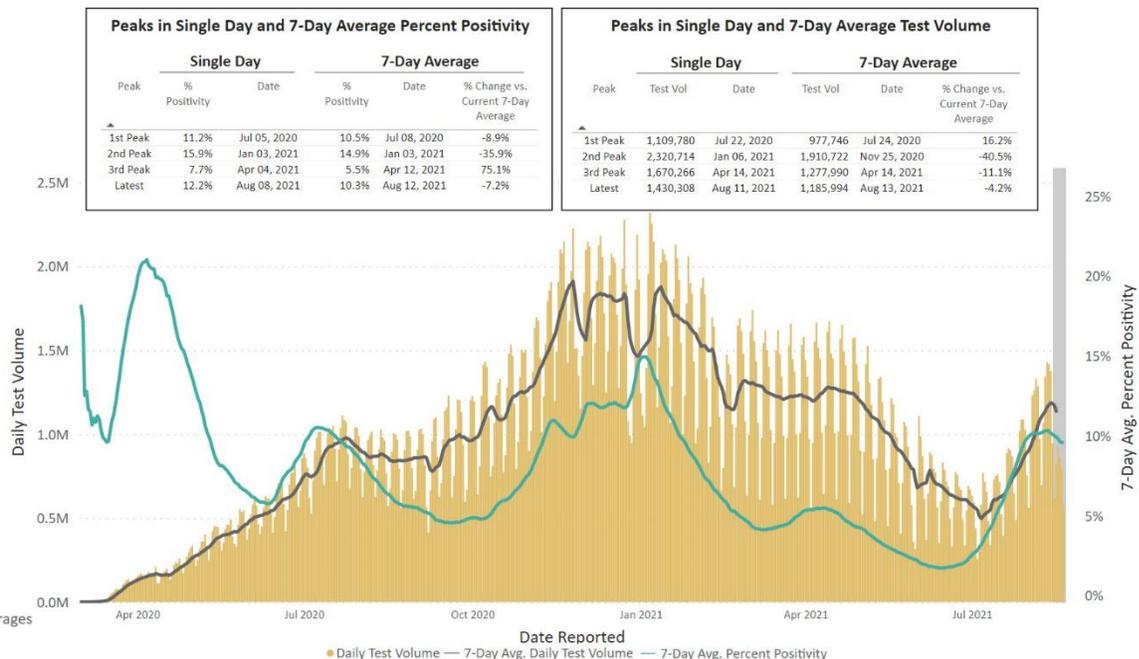
Prior 7-Day Avg. % Positivity  
Aug 07, 2021 – Aug 13, 2021

**-6.2%**

Percent Change in 7-Day Avg.

**-0.63**

Percentage Point Difference in 7-Day Averages



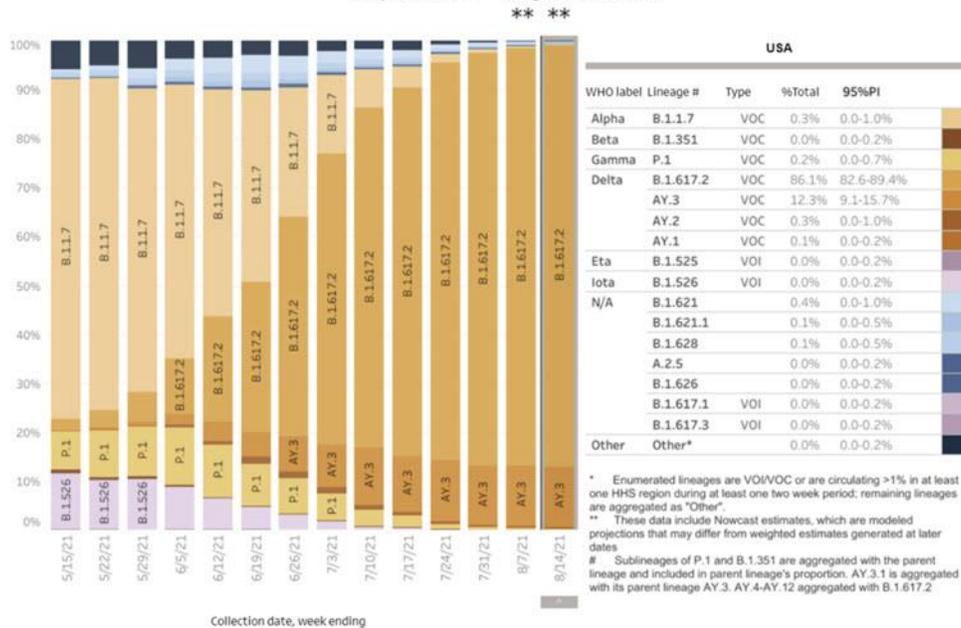
Data (shaded) for the most recent four days may be incomplete. 7-Day average test volume line ends before the gray shaded area to reduce the influence of incomplete data in the most recent four days. A nucleic acid amplification test (NAAT) remains the "gold standard" for clinical diagnostic detection of SARS-CoV-2 and includes viral testing such as real-time reverse transcription polymerase chain reaction (RT-PCR).

Last Updated: Aug 23, 2021, 08:46

HHS Protect Unified Laboratory Testing Dataset; Data, Analytics, & Visualization Task Force; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

### SARS-CoV-2 Variants Circulating in the United States

May 09, 2021 – August 14, 2021



Data shows estimated biweekly prevalence of the most common SARS-CoV-2 lineages circulating in the United States based on >40,000 sequences collected since Dec 20, 2020. Data are subject to change over time and will be updated as more data become available. Variant proportions in Figure 1 are adjusted using statistical weighting to correct for the non-random sampling of sequencing data over time and across states and to provide more representative national estimates. Estimated weights come from laboratory data providing the number of reverse transcription polymerase chain reaction (RT-PCR) tests and number of positive RT-PCR test results stratified by state, specimen collection date, and by genomic surveillance data source, using a survey-design-based approach. COVID-19 laboratory data sources include commercial and reference laboratories, public health laboratories, hospital laboratories, and other testing locations.

Last Updated: Aug 18, 2021

Source: CDC National Genomic Surveillance Program

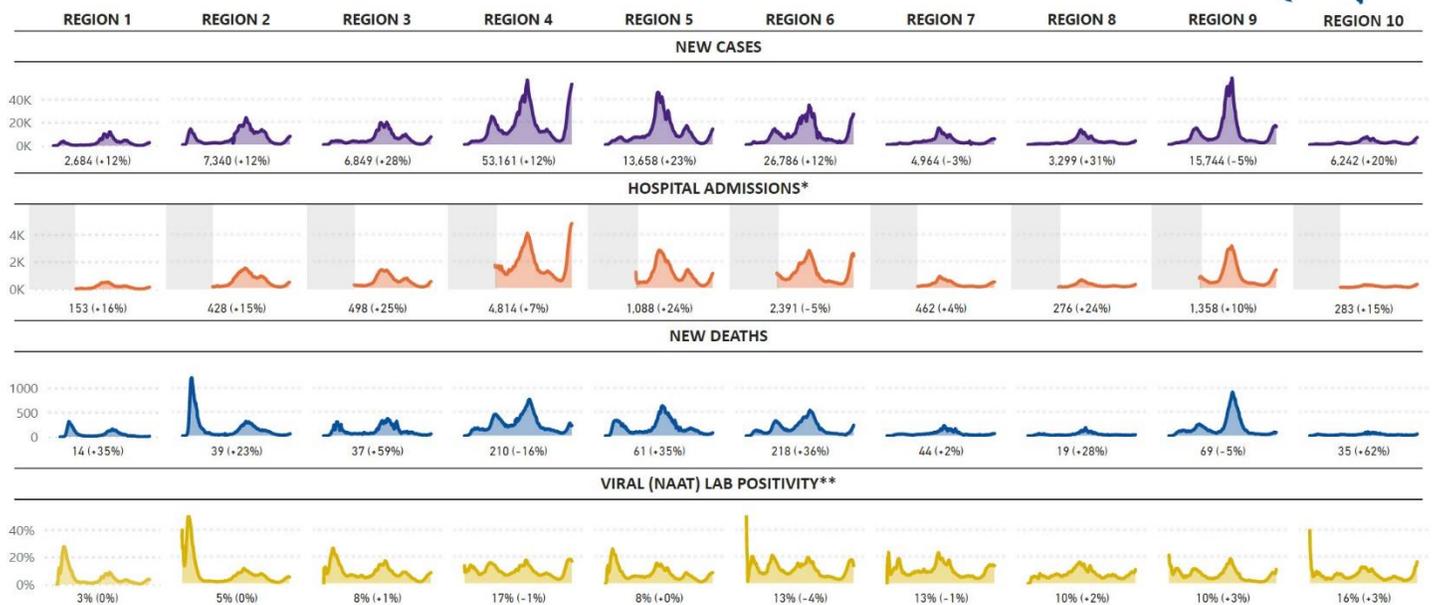
### Regional Trends in COVID-19 Cases, Hospitalizations, Deaths, and SARS-CoV-2 Percent Test Positivity, United States

March 1, 2020 – August 20, 2021

The trend line is based on a 7-day rolling average of new cases and new deaths (excluding historical counts), percent viral lab positivity, or new hospital admissions. Numbers shown are the current 7-day average and change in average since the previous 7-day period. Change was measured by percent difference ((P1 - P0) / P0) in percent change for viral lab positivity and percent change ((N1 - N0) / N0) for cases, deaths, and hospitalization.

\* Hospitals reported minimal data to HHS prior to Aug 1, 2020.

\*\* Lab data may be delayed up to two weeks and should be interpreted with caution.



Last Updated: Aug 23, 2021

Data Sources: HHS Protect, ICC DSEW; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

COVID-19 Vaccine Distribution and Administration Reported to the CDC <sup>19</sup>								
State/Territory <sup>20</sup>	Doses Delivered		Doses Administered		People Receiving ≥1 Dose		People Fully Vaccinated	
	Total <sup>21</sup>	Rate/100K Population	Total <sup>21</sup>	Rate/100K Population	Total	% of Pop.	Total	% of Pop.
Alabama	5,863,220	119,580	3,916,146	79,869	2,345,934	47.8%	1,781,590	36.3%
Alaska	895,645	122,432	717,156	98,033	389,639	53.3%	341,064	46.6%
Arizona	9,131,170	125,450	7,429,859	102,076	4,057,082	55.7%	3,422,948	47.0%
Arkansas	3,555,840	117,829	2,704,473	89,617	1,568,334	52.0%	1,203,470	39.9%
California	53,702,585	135,914	47,163,521	119,364	26,802,699	67.8%	21,702,126	54.9%
Colorado	7,582,565	131,671	6,711,571	116,546	3,604,686	62.6%	3,231,807	56.1%
Connecticut	5,204,915	145,989	4,750,180	133,234	2,587,258	72.6%	2,321,946	65.1%
Delaware	1,420,925	145,921	1,130,315	116,077	614,353	63.1%	528,985	54.3%
Florida	29,257,295	136,221	24,248,565	112,901	13,440,380	62.6%	11,073,889	51.6%
Georgia	12,744,145	120,030	9,518,280	89,648	5,296,896	49.9%	4,292,670	40.4%
Hawaii	2,057,660	145,328	1,759,308	124,256	1,038,902	73.4%	773,962	54.7%
Idaho	1,933,310	108,184	1,430,359	80,040	773,635	43.3%	688,323	38.5%
Illinois	16,415,575	129,544	14,317,360	112,986	8,235,636	65.0%	6,380,861	50.4%
Indiana	7,469,580	110,953	6,308,500	93,706	3,318,855	49.3%	3,070,562	45.6%
Iowa	3,777,735	119,735	3,248,991	102,977	1,749,925	55.5%	1,605,846	50.9%
Kansas	3,503,365	120,254	2,847,433	97,739	1,640,378	56.3%	1,374,697	47.2%
Kentucky	5,029,095	112,566	4,447,425	99,547	2,490,897	55.8%	2,124,958	47.6%
Louisiana	5,138,320	110,530	4,055,363	87,235	2,242,341	48.2%	1,852,987	39.9%
Maine	1,996,940	148,558	1,714,763	127,566	946,925	70.4%	874,642	65.1%
Maryland	9,154,430	151,421	7,473,910	123,624	4,065,395	67.2%	3,664,372	60.6%
Massachusetts	10,319,790	149,725	9,367,593	135,910	5,141,970	74.6%	4,500,056	65.3%
Michigan	12,609,020	126,256	10,065,791	100,790	5,461,450	54.7%	4,989,106	50.0%
Minnesota	7,150,960	126,798	6,290,806	111,546	3,449,072	61.2%	3,110,118	55.1%
Mississippi	3,341,105	112,263	2,380,292	79,979	1,342,805	45.1%	1,094,655	36.8%
Missouri	7,112,705	115,891	5,819,045	94,812	3,179,908	51.8%	2,700,208	44.0%
Montana	1,212,625	113,459	1,005,238	94,055	549,202	51.4%	485,469	45.4%
Nebraska	2,291,390	118,454	2,026,841	104,778	1,094,677	56.6%	988,612	51.1%
Nevada	3,590,410	116,566	3,132,617	101,703	1,751,946	56.9%	1,436,885	46.6%
New Hampshire	1,990,190	146,369	1,670,065	122,825	903,286	66.4%	805,909	59.3%
New Jersey	12,773,655	143,812	10,807,156	121,672	6,116,301	68.9%	5,366,881	60.4%
New Mexico	2,600,895	124,039	2,586,455	123,351	1,437,174	68.5%	1,235,566	58.9%
New York	26,621,645	136,847	23,937,339	123,049	12,884,126	66.2%	11,498,049	59.1%
North Carolina	12,922,370	123,210	10,211,909	97,367	5,699,936	54.3%	4,758,220	45.4%
North Dakota	779,120	102,238	686,630	90,102	361,725	47.5%	313,620	41.2%
Ohio	13,672,195	116,965	11,464,708	98,080	6,054,320	51.8%	5,583,235	47.8%
Oklahoma	4,560,470	115,252	3,700,271	93,513	2,049,452	51.8%	1,676,802	42.4%
Oregon	6,038,845	143,177	4,894,410	116,044	2,655,366	63.0%	2,419,091	57.4%
Pennsylvania	17,371,025	135,690	15,153,953	118,372	8,746,214	68.3%	6,947,047	54.3%
Rhode Island	1,612,785	152,241	1,373,200	129,625	746,267	70.4%	675,249	63.7%
South Carolina	6,069,745	117,889	4,678,109	90,860	2,589,325	50.3%	2,177,561	42.3%
South Dakota	1,047,165	118,369	884,273	99,956	488,311	55.2%	428,148	48.4%
Tennessee	7,503,410	109,873	6,132,186	89,794	3,289,922	48.2%	2,785,719	40.8%
Texas	36,739,435	126,706	29,308,039	101,077	16,170,840	55.8%	13,374,689	46.1%
Utah	3,630,450	113,241	3,167,999	98,816	1,771,961	55.3%	1,497,606	46.7%
Vermont	971,810	155,742	866,262	138,826	471,528	75.6%	420,672	67.4%
Virginia	11,472,885	134,413	10,073,377	118,017	5,496,356	64.4%	4,806,473	56.3%
Washington	10,258,825	134,721	9,334,052	122,576	5,072,934	66.6%	4,521,008	59.4%
West Virginia	2,233,035	124,601	1,504,234	83,935	837,852	46.8%	707,103	39.5%
Wisconsin	6,840,465	117,485	6,363,695	109,296	3,363,991	57.8%	3,093,443	53.1%
Wyoming	568,995	98,313	466,919	80,676	255,269	44.1%	219,390	37.9%
American Samoa	58,530	105,102	54,964	98,698	30,318	54.4%	25,242	45.3%
CNMI	78,180	137,442	65,308	114,813	34,437	60.5%	31,567	55.5%
District of Columbia	1,125,745	159,511	934,079	132,353	469,746	66.6%	399,772	56.6%
FSM	80,600	77,767	62,623	60,422	39,082	37.7%	33,075	31.9%

<sup>19</sup> Green shading indicates higher rates of vaccine delivery or administration relative to other jurisdictions. Rates were calculated based on 2019 US Census data for US States, DC, and Puerto Rico, and based on 2018 US Census data for all other US territories.

<sup>20</sup> CNMI = Commonwealth of the Northern Mariana Islands, FEMA = Federal Emergency Management Agency, FSM = Federated States of Micronesia, HRSA = Health Resources and Services Administration, RMI = Republic of Marshall Islands, and USVI = US Virgin Islands

<sup>21</sup> Doses delivered to and administered in each jurisdiction include doses that were delivered to and administered by federal entities and retail pharmacies. Revisions to delivery data from providers may occur on occasion, resulting in a decrease in doses delivered.

COVID-19 Vaccine Distribution and Administration Reported to the CDC <sup>19</sup>								
State/Territory <sup>20</sup>	Doses Delivered		Doses Administered		People Receiving ≥1 Dose		People Fully Vaccinated	
	Total <sup>21</sup>	Rate/100K Population	Total <sup>21</sup>	Rate/100K Population	Total	% of Pop.	Total	% of Pop.
Guam	215,770	130,164	208,809	125,965	112,135	67.6%	101,757	61.4%
Marshall Islands	51,300	87,823	37,926	64,927	21,093	36.1%	18,188	31.1%
Palau	28,650	159,993	28,152	157,212	16,096	89.9%	14,532	81.2%
Puerto Rico	4,330,470	135,594	4,144,445	129,770	2,306,816	72.2%	1,977,433	61.9%
US Virgin Islands	99,240	94,803	92,324	88,196	49,922	47.7%	40,875	39.0%
Unspecified <sup>22</sup>	718,745	N/A	2,392,217	N/A	1,995,306	N/A	1,518,218	N/A
<b>USA<sup>23</sup></b>	<b>428,528,965</b>	<b>129,076</b>	<b>363,267,789</b>	<b>109,419</b>	<b>201,718,587</b>	<b>60.8%</b>	<b>171,088,954</b>	<b>51.5%</b>

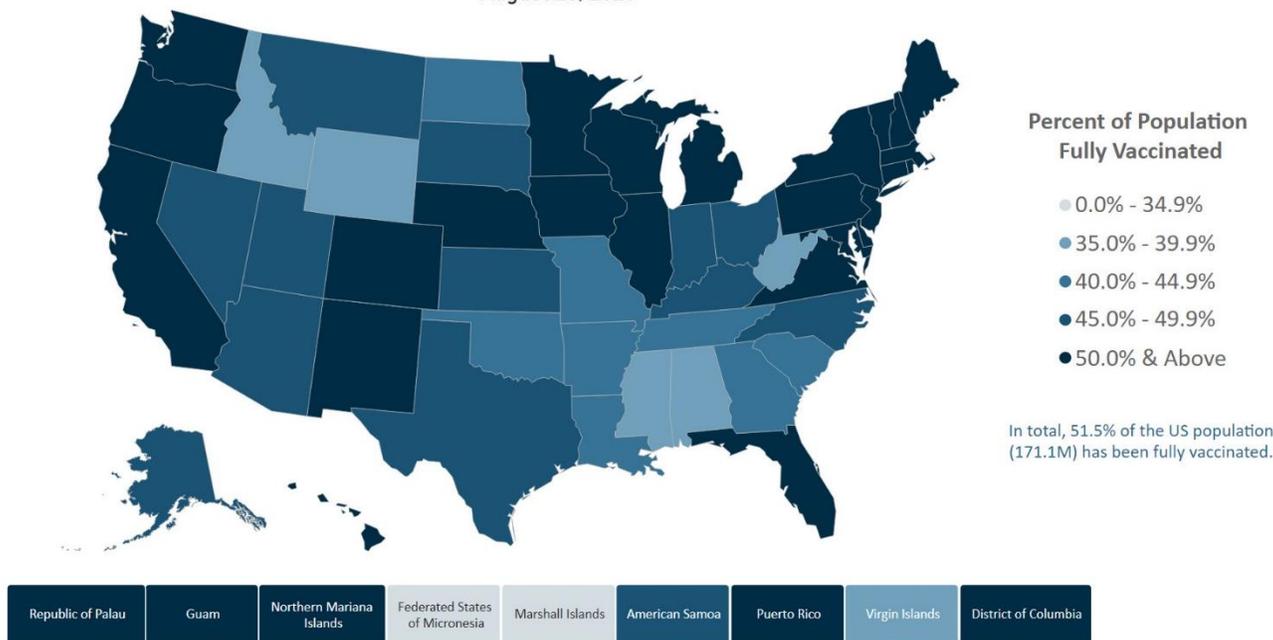
N/A = Not available (no data)

Data as of Aug 23, 2021, 06:00 ET; Sources: Data Monitoring and Reporting Section, Vaccine Task Force; [COVID Tracker](#); US Census

### Percent of People Fully Vaccinated with any COVID-19 Vaccine by State or Territory, United States



August 23, 2021



<sup>19</sup>Total population count used as denominator. Currently, few persons under age 18 are being vaccinated; this group represents ~22% of the US population.

Last Updated: Aug 23, 2021

Data source: VTrcks, IIS, Federal Pharmacy Program, Federal Entities Program, U.S. Census Bureau 10-year July 2019 National Population Estimates; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

<sup>22</sup> Unspecified entities include doses delivered or administered by federal agencies outside the US or in unspecified jurisdictions.

<sup>23</sup> The total doses allocated includes data from federal agencies and pharmacies. The total doses delivered or administered by a jurisdiction includes doses delivered to or administered by federal agencies. The US total also includes doses delivered to or administered by federal agencies where the jurisdiction was not specified.

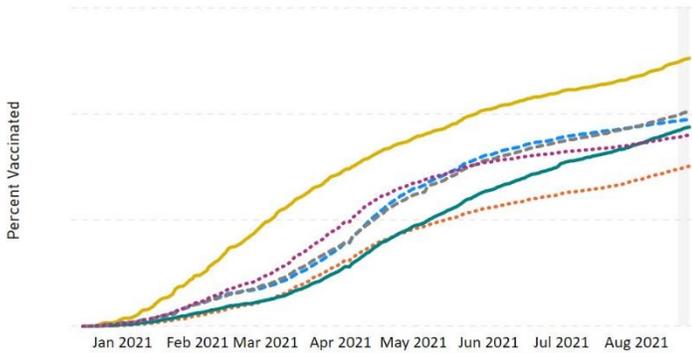
### Percent of People Receiving COVID-19 Vaccine by Race/Ethnicity and Date Reported to CDC, United States

December 14, 2020 – August 23, 2021

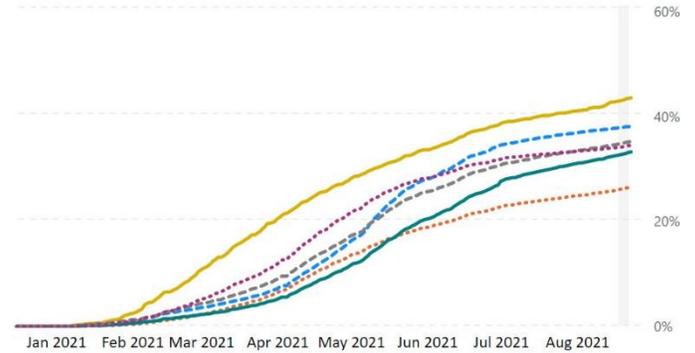
	AI/AN, NH	Asian, NH	Black, NH	Hispanic/Latino	NHOPI, NH	White, NH
At Least One Dose	51.5%	39.8%	30.8%	38.3%	41.2%	36.7%
Fully Vaccinated	43.6%	38.2%	26.6%	33.3%	35.3%	34.5%

Race/Ethnicity data were available for 63.5% receiving at least one dose and 68.7% of people fully vaccinated.

At Least One Dose



Fully Vaccinated



Date Reported

AI/AN = American Indian/Alaska Native; NH = Non-Hispanic/Latino; NHOPI = Native Hawaiian or Other Pacific Islander;

People receiving at least one dose; total count represents the total number of people who received at least one dose of COVID-19 vaccine. People fully vaccinated; total count represents the number of people who have received a dose of a single-shot COVID-19 vaccine or the second dose in a 2-dose COVID-19 vaccine series. Due to the time between vaccine administration and when reported to CDC, vaccinations administered during the last 5 days may not yet be reported. This reporting lag is represented by the gray, shaded box. Texas does not report race-specific does number information to CDC, so data for Texas are not represented in these figures.

Last Updated: Aug 23, 2021

Data source: VTrcks, IIS, Federal Pharmacy Program, Federal Entities Program, U.S. Census Bureau 10-year July 2019 National Population Estimates; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

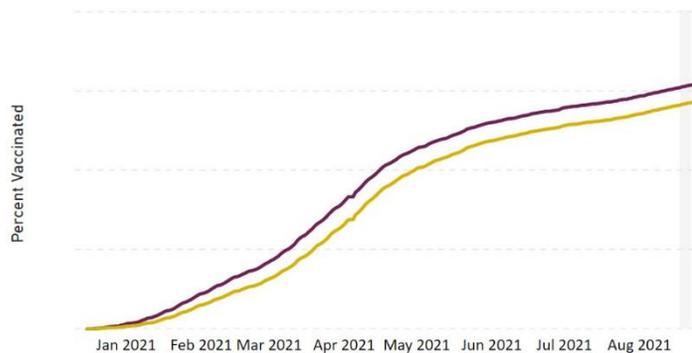
### Percent of People Receiving COVID-19 Vaccine by Sex and Date Reported to CDC, United States

December 14, 2020 – August 23, 2021

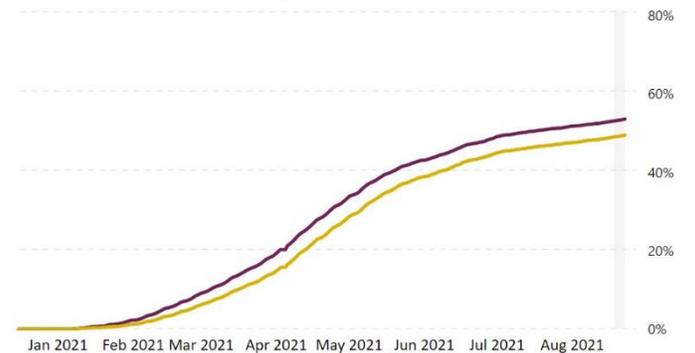
	Female	Male
At Least One Dose	62.8%	58.3%
Fully Vaccinated	53.6%	49.5%

Sex data were available for 99.0% receiving at least one dose and 99.1% of people fully vaccinated.

At Least One Dose



Fully Vaccinated



Date Reported

People receiving at least one dose; total count represents the total number of people who received at least one dose of COVID-19 vaccine. People fully vaccinated; total count represents the number of people who have received a dose of a single-shot COVID-19 vaccine or the second dose in a 2-dose COVID-19 vaccine series. Due to the time between vaccine administration and when reported to CDC, vaccinations administered during the last 5 days may not yet be reported. This reporting lag is represented by the gray, shaded box. Texas does not report sex-specific does number information to CDC, so data for Texas are not represented in these figures.

Last Updated: Aug 23, 2021

Data source: VTrcks, IIS, Federal Pharmacy Program, Federal Entities Program, U.S. Census Bureau 10-year July 2019 National Population Estimates; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

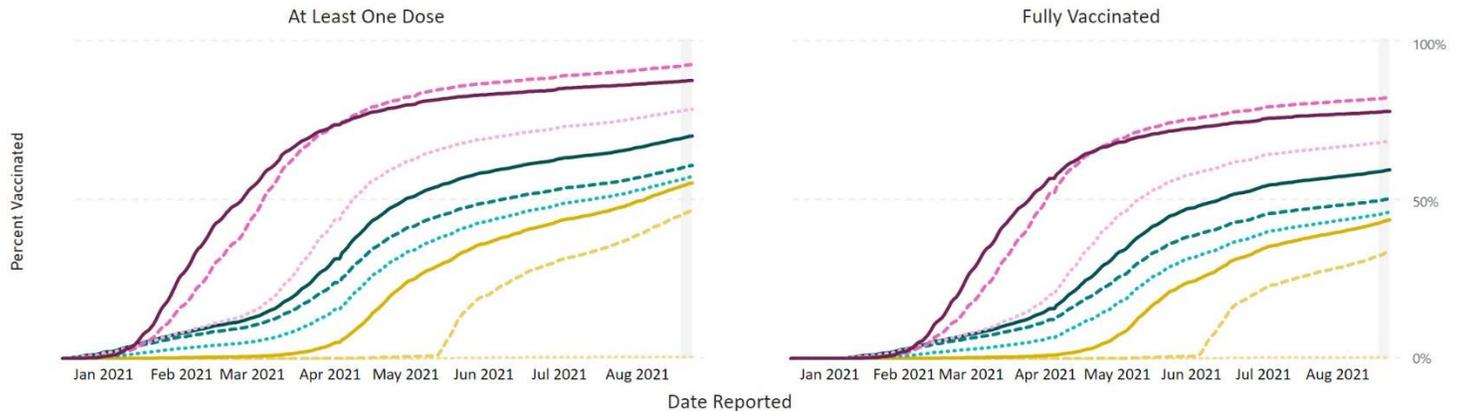
### Percent of People Receiving COVID-19 Vaccine by Age Group and Date Reported to CDC, United States



December 14, 2020 – August 23, 2021

	<12 yrs	12-15 yrs	16-17 yrs	18-24 yrs	25-39 yrs	40-49 yrs	50-64 yrs	65-74 yrs	75+ yrs
At Least One Dose	0.5%	47.1%	55.9%	57.9%	61.5%	70.9%	79.4%	93.6%	88.6%
Fully Vaccinated	0.3%	34.1%	44.2%	46.6%	50.9%	60.1%	69.3%	83.1%	78.7%

Age data were available for 99.0% of vaccinations.



People receiving at least one dose; total count represents the total number of people who received at least one dose of COVID-19 vaccine. People fully vaccinated; total count represents the number of people who have received a dose of a single-shot COVID-19 vaccine or the second dose in a 2-dose COVID-19 vaccine series. Due to the time between vaccine administration and when reported to CDC, vaccinations administered during the last 5 days may not yet be reported. This reporting lag is represented by the gray, shaded box. Texas does not report age-specific dose number information to CDC, so data for Texas are not represented in these figures.

Last Updated: Aug 23, 2021

Data source: VTrcks, IIS, Federal Pharmacy Program, Federal Entities Program, U.S. Census Bureau 10-year July 2019 National Population Estimates; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

Domestic Overview

COVID-19 Cases

Daily Change in COVID-19 Cases, United States

January 22, 2020\* - August 22, 2021



**37,768,911**

Total Cases Reported

**43,222**

New Cases Reported\*\*

**124,383**

Current 7-Day Average\*\*

Aug 16, 2021 - Aug 22, 2021

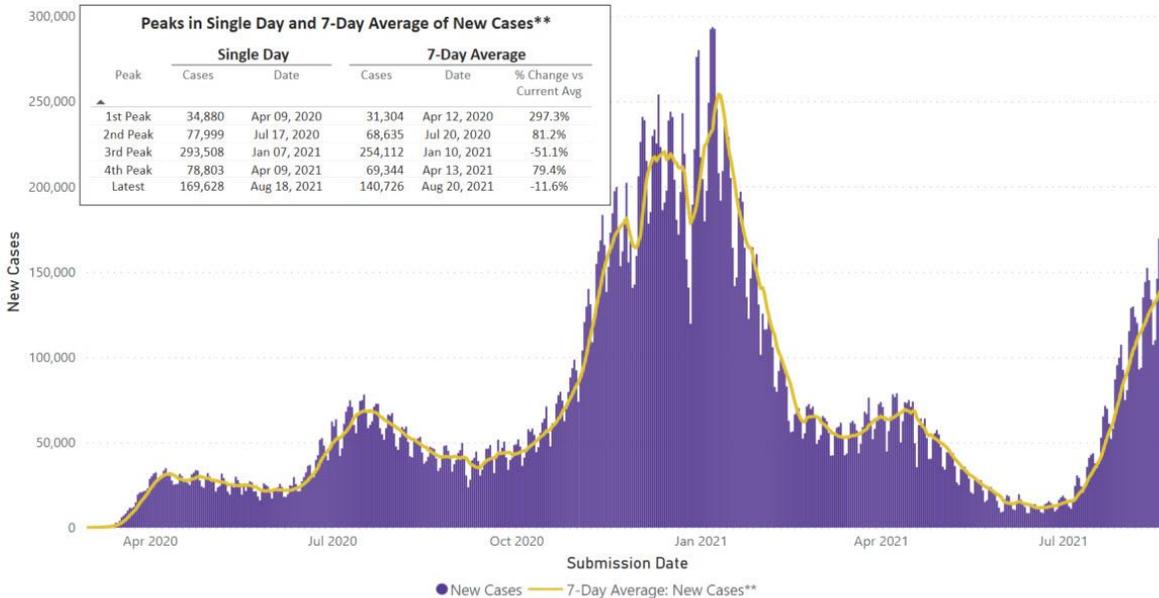
**130,165**

Prior 7-Day Average\*\*

Aug 09, 2021 - Aug 15, 2021

**-4.4%**

Change in 7-Day Average



\*Graph displays data for Mar 01, 2020, to date. The totals include cases reported since Jan 22, 2020.

\*\* The histogram, total of new cases in the last 24 hours, and 7-day averages do not include historical cases retroactively that are not yet attributed to the correct date of report. Of 97,871 historical cases reported retroactively, 70 were reported on the most recent submission date; 5,464 in the current week; and 2,900 in the prior week.

Last Updated: Aug 23, 2021, 12:20

Data Source: CDC Case Surveillance, state-level aggregated COVID-19 Cases, HHS Protect; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

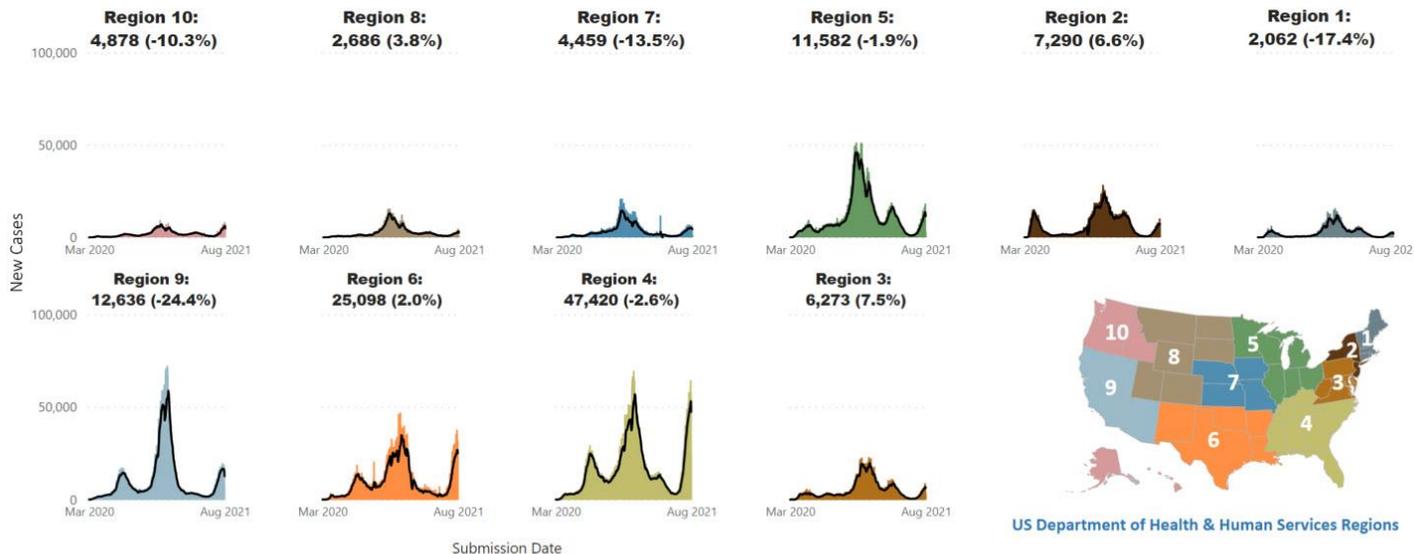
COVID-19 Cases by HHS Region, United States

New Cases and 7-Day Moving Average

March 01, 2020 - August 22, 2021



HHS Region Number: 7-Day Moving Average (Percent Change Since Prior 7-Day Moving Average)



Histograms and 7-day averages exclude historical cases reported retroactively.

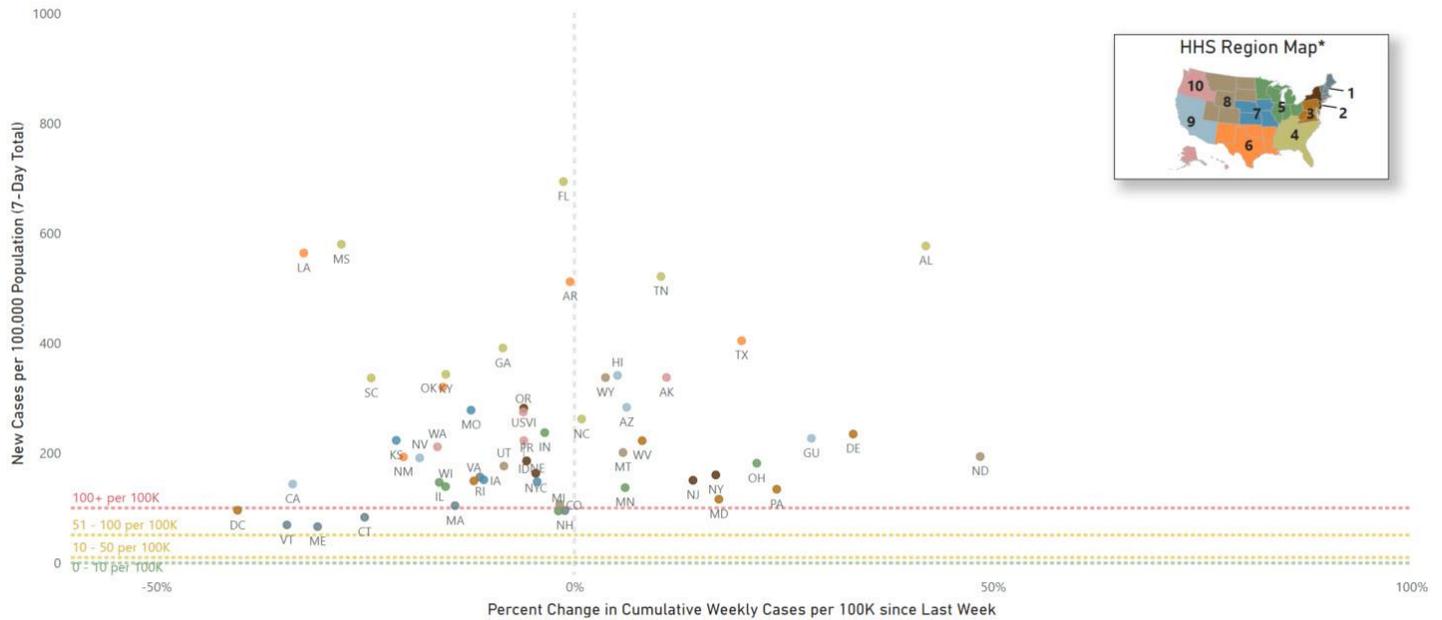
Last Updated: Aug 23, 2021, 12:20

Data Source: CDC Case Surveillance, state-level aggregated COVID-19 Cases, HHS Protect; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

### New Cases per 100,000 Population in the Past 7 Days & 7-Day Percent Change



Aug 09 - Aug 15, 2021 to Aug 16 - Aug 22, 2021



Thresholds for community transmission levels of SARS-CoV-2 measured by new cases/100,000 population in the past 7 days: low (<10), moderate (10-50), substantial (51-100), high (>100).

\* US Territories are included in HHS Region 2 (Puerto Rico, US Virgin Islands) and Region 9 (American Samoa, Federated States of Micronesia, Guam, Northern Marianas Islands, Republic of Marshall Islands). Data for AS, FSM, SD, and PW not shown.

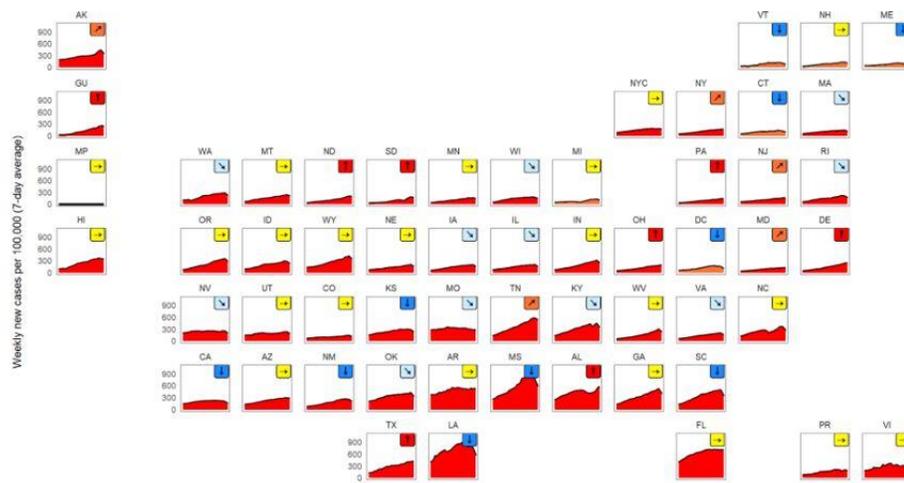
Last Updated: Aug 23, 2021, 12:20

Data Source: CDC Case Surveillance, state-level aggregated COVID-19 Cases, HHS Protect; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

### COVID-19 Case Incidence (7-Day Cumulative) and Trend (Week-to-Week Percent Change)



July 24, 2021 – August 22, 2021



Legend	Distribution of Jurisdictions	
	No.	%
<b>Incidence rate in the last 7 days per 100,000 (Color of histogram)</b>		
Low: <10 cases per 100,000	1	1.8
Moderate: 10–49 cases per 100,000	0	0.0
Substantial: 50–99 cases per 100,000	6	10.7
High: >=100 cases per 100,000	49	87.5
<b>Percent change in cases from last 7 days compared to previous 7 days</b>		
High decrease: ≤ -20% change	10	17.9
Moderate decrease: > -20% change and < -10% change	11	19.6
Stable: ≥ -10% change and < 10% change	22	39.3
Moderate increase: ≥ 10% change and < 20% change	5	8.9
High increase: ≥ 20% change	8	14.3

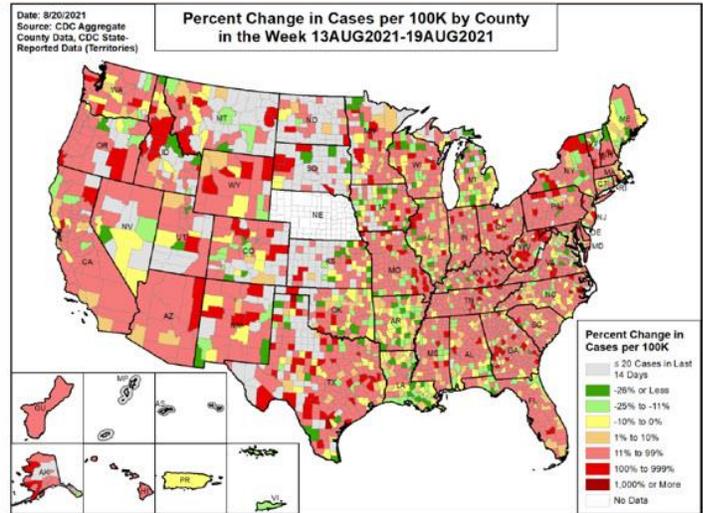
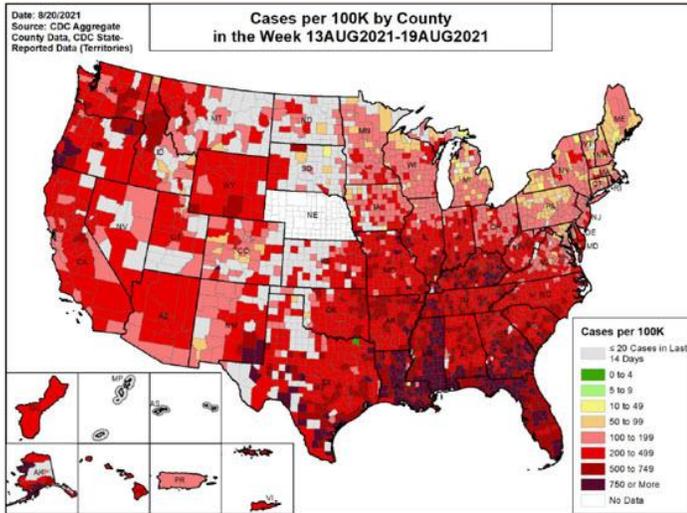
Trend lines represent the last 30 days.

Last Updated: Aug 23, 2021

Data source: CDC case surveillance, state-level aggregated COVID-19 cases, HHS Protect

### COVID-19 Case Incidence in the Last 7 Days and Comparison to the Previous 7 Days by County

**Incidence Rate in the Last 7 Days: 276.1 per 100,000**      **Percent Change from Previous 7 Days: +9.1%**



Note: As of May 26, 2021, Nebraska stopped reporting county level case data.  
Last Updated: Aug 20, 2021

Source(s): CDC aggregate county dataset; CDC state-reported data used for territories  
White House COVID-19 Team, Data Strategy and Execution Workgroup, Community Profile Report

### Demographic Distribution of COVID-19 Cases

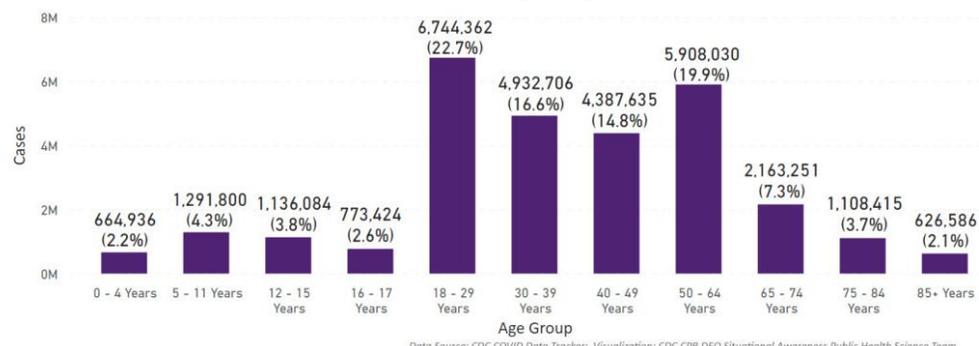
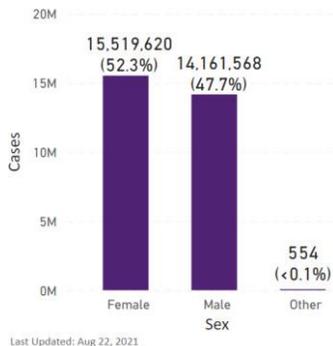
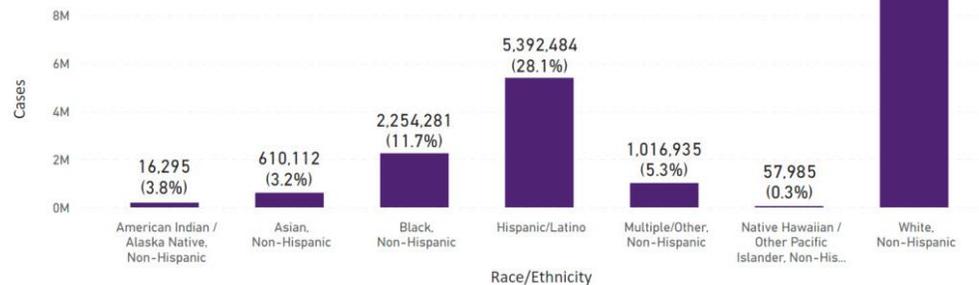
January 21, 2020 - August 22, 2021

**30,022,551**  
Total Cases Reported

**19,205,949 (64.0%)**  
Cases With Race/Ethnicity Reported

**29,681,742 (98.9%)**  
Cases With Sex Reported

**29,737,229 (99.0%)**  
Cases With Age Reported

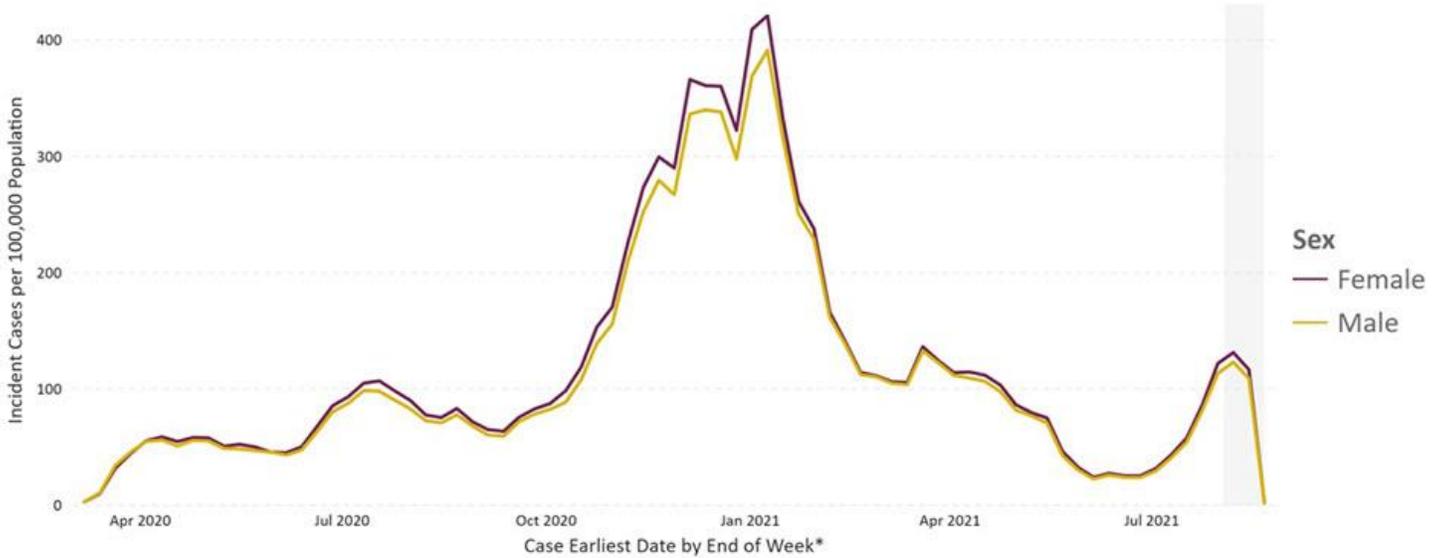


Last Updated: Aug 22, 2021

Data Source: CDC COVID Data Tracker; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

### COVID-19 Weekly Cases per 100,000 Population by Sex, United States

March 01, 2020 - August 21, 2021\*



US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of cases reporting sex by date - 98.62%

US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars.

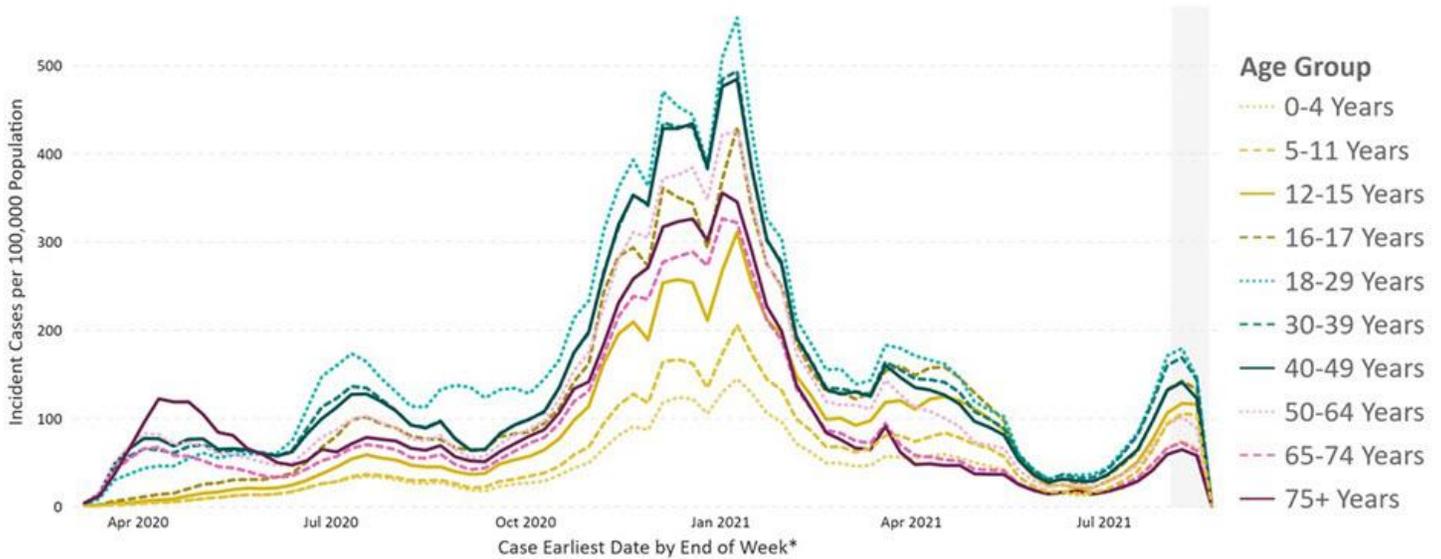
\*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC.

Last Updated: Aug 17, 2021

Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

### COVID-19 Weekly Cases per 100,000 Population by Age Group, United States

March 01, 2020 - August 21, 2021\*



US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of cases reporting age by date - 98.85%

US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars.

\*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC.

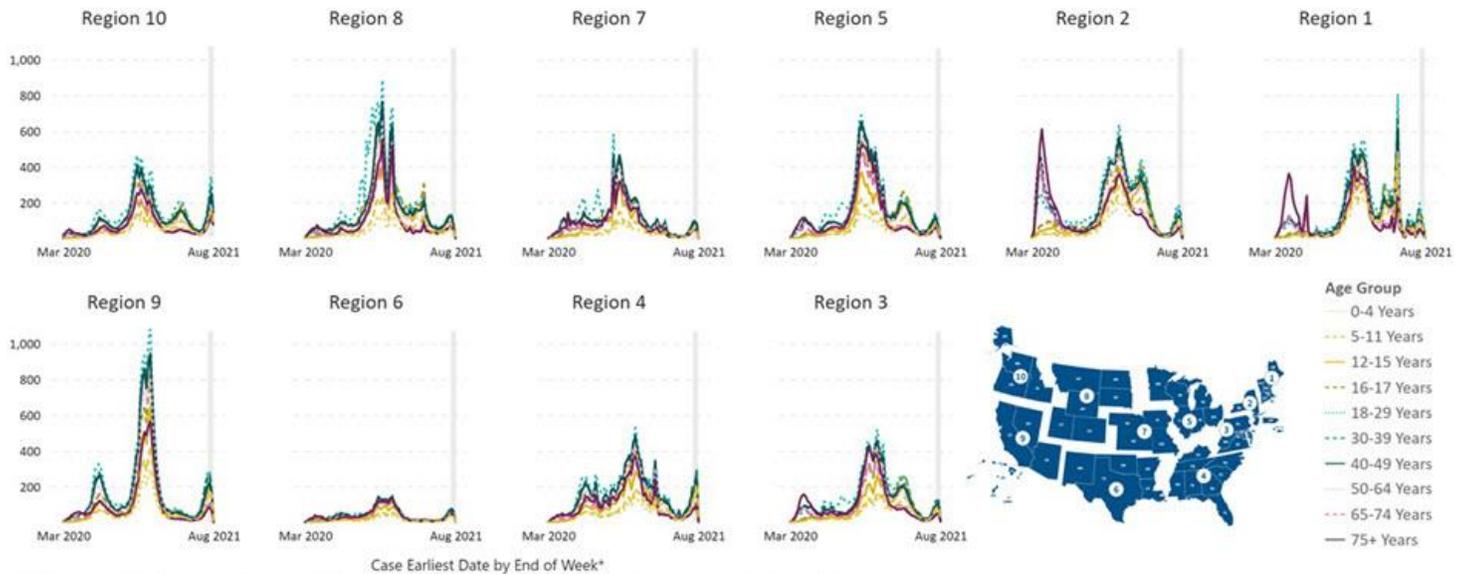
Last Updated: Aug 17, 2021

Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

### COVID-19 Weekly Cases per 100,000 Population by Age Group per HHS Region, United States



March 01, 2020 - August 21, 2021

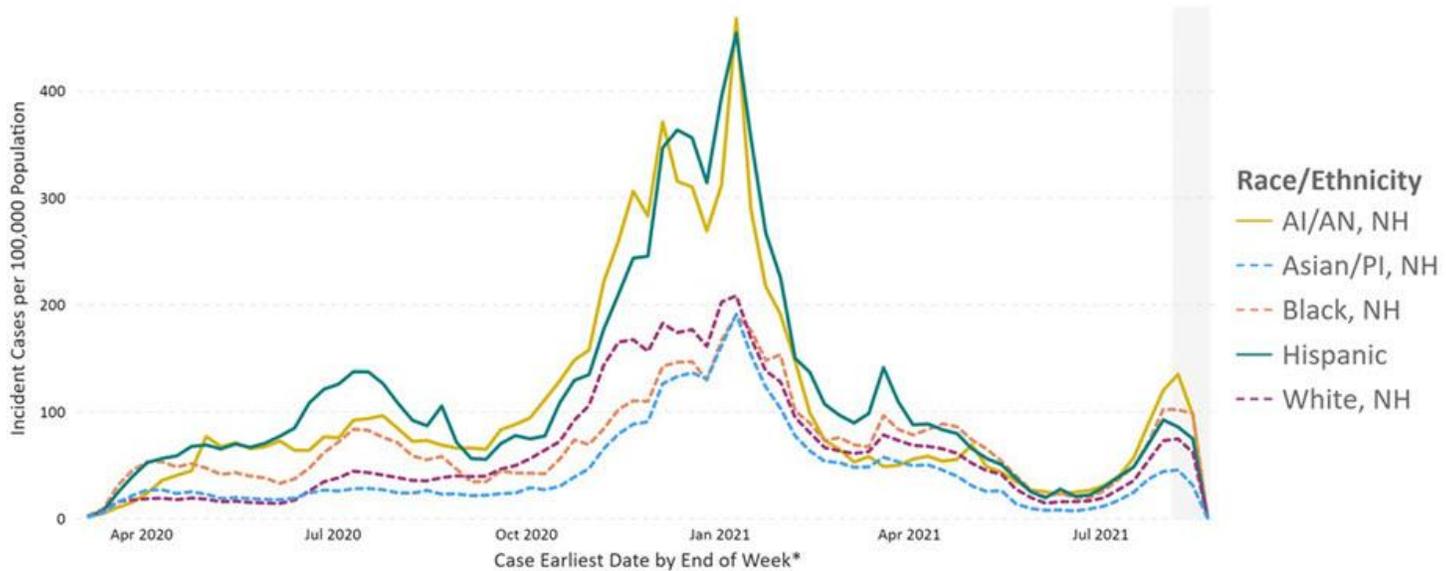


US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of cases reporting age by date - 98.85%  
 US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars.  
 \*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC.  
 Last Updated: Aug 17, 2021  
 Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

### COVID-19 Weekly Cases per 100,000 Population by Race/Ethnicity, United States



March 01, 2020 - August 21, 2021\*

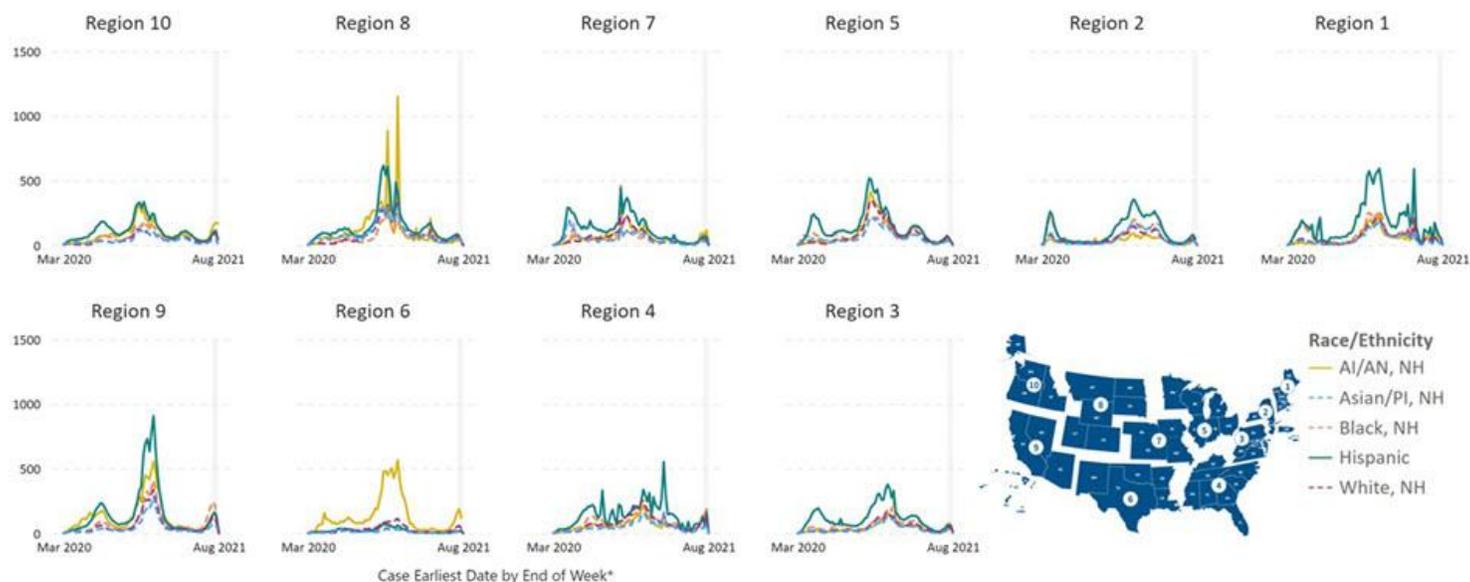


US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of cases reporting race by date - 60.42%  
 US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars. AI = American Indian, AN = Alaska Native, NH = Non-Hispanic, PI = Pacific Islander. Excludes cases with unknown or multiple races. \*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC.  
 Last Updated: Aug 17, 2021  
 Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

## COVID-19 Weekly Cases per 100,000 Population by Race/Ethnicity per HHS Region, United States



March 01, 2020 - August 21, 2021



Case Earliest Date by End of Week\*

US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of cases reporting race by date - 60.42%

US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars. AI = American Indian, AN = Alaska Native, NH = Non-Hispanic, PI = Pacific Islander. Exclude cases with unknown or multiple races. \*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC.

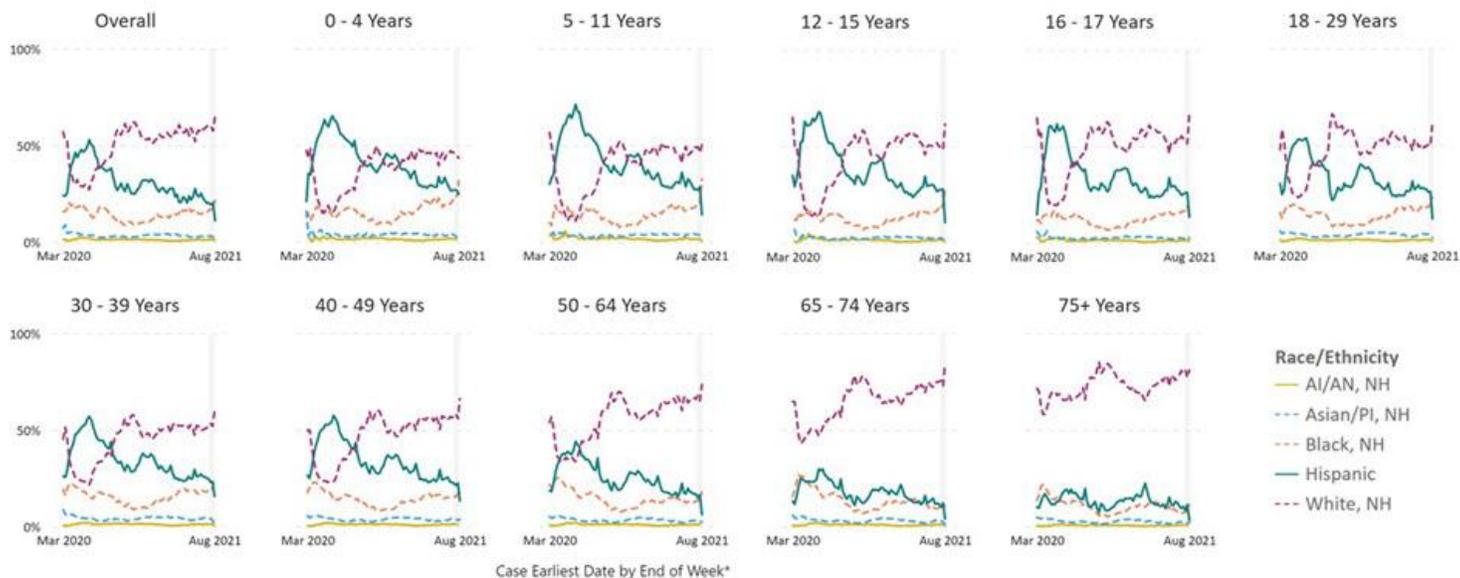
Last Updated: Aug 17, 2021

Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

## Proportion of COVID-19 Weekly Cases by Race/Ethnicity per Age Group, United States



March 01, 2020 - August 21, 2021



Case Earliest Date by End of Week\*

US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of cases reporting race and age by date - 60.11%

US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars. AI = American Indian, AN = Alaska Native, NH = Non-Hispanic, PI = Pacific Islander. Excludes cases with unknown or multiple races. \*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC.

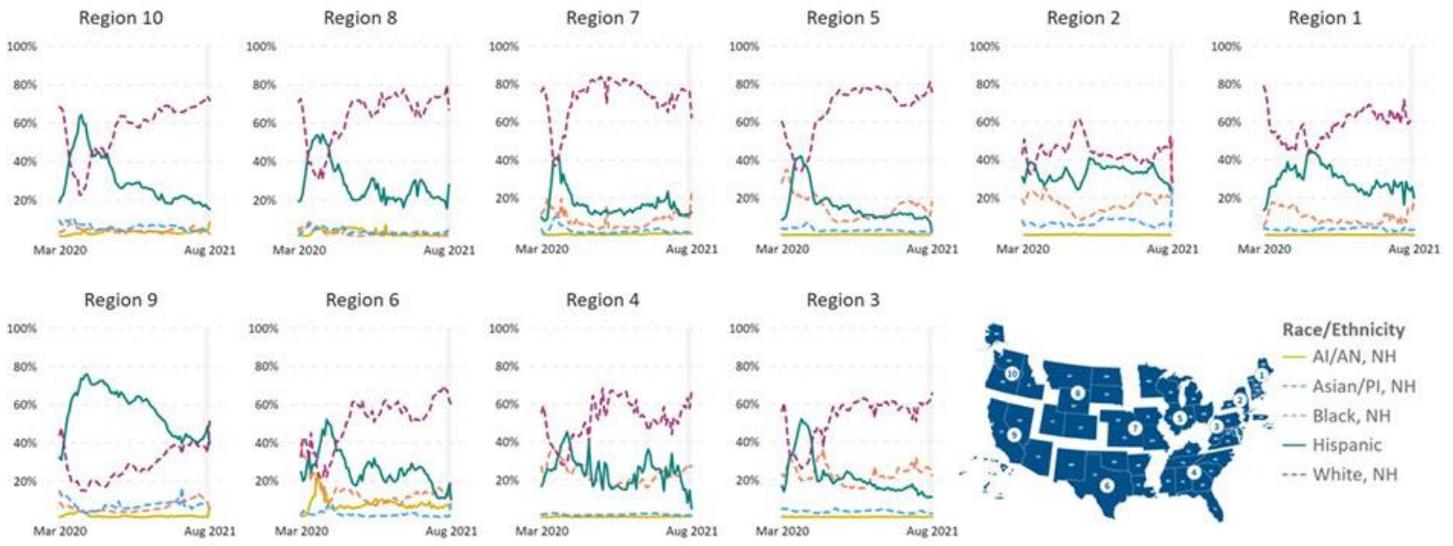
Last Updated: Aug 17, 2021

Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

## Proportion of COVID-19 Weekly Cases in 18-29 Age Group by Race/Ethnicity per HHS Region, United States



March 01, 2020 - August 21, 2021



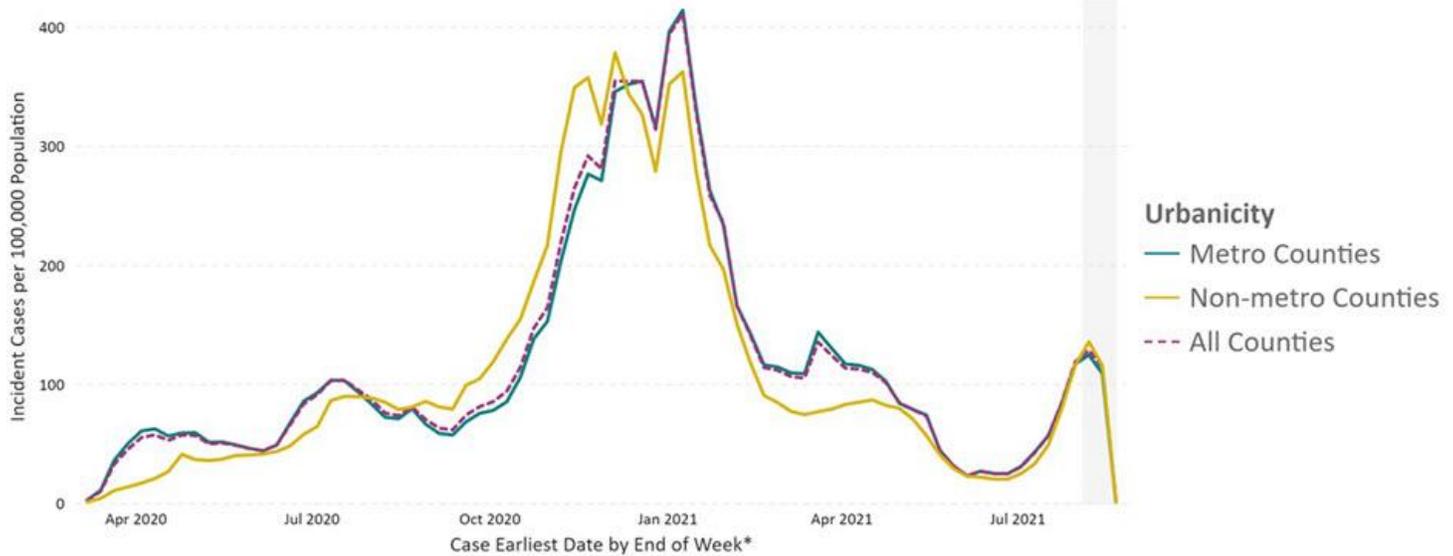
Case Earliest Date by End of Week\*

US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of cases reporting race and age by date - 60.11%  
 US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars. AI = American Indian, AN = Alaska Native, NH = Non-Hispanic, PI = Pacific Islander. Excludes cases with unknown or multiple races. \*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC.  
 Last Updated: Aug 17, 2021 Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

## COVID-19 Weekly Cases per 100,000 Population by Urbanicity, United States



March 01, 2020 - August 21, 2021\*

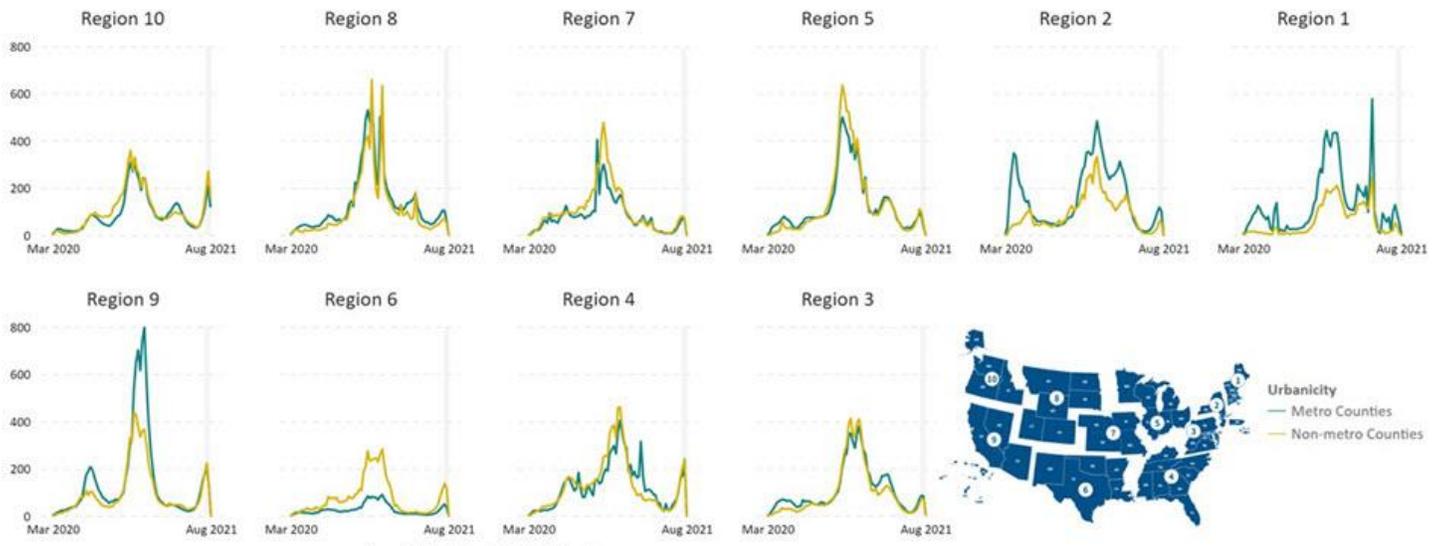


US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of cases reporting urbanicity by date - 98.27%  
 US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars. The rate for "All Counties" includes records that do not indicate urbanicity.  
 \*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC.  
 Last Updated: Aug 17, 2021 Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

### COVID-19 Weekly Cases per 100,000 Population by Urbanicity per HHS Region, United States



March 01, 2020 - August 21, 2021



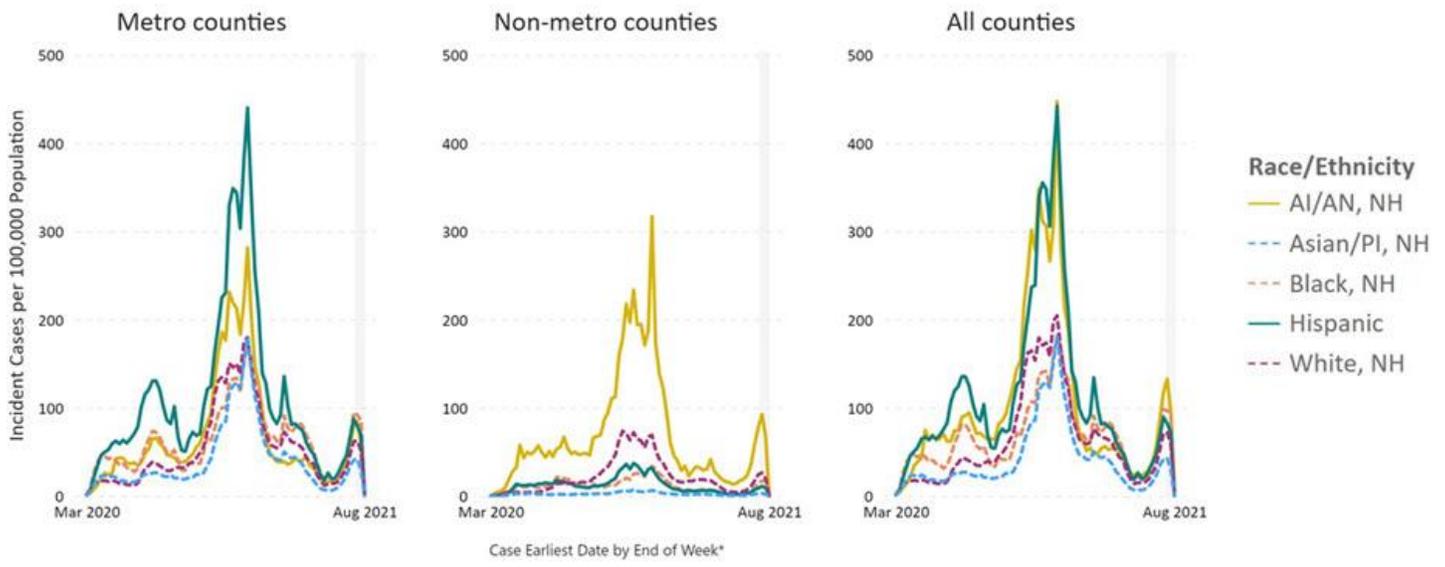
Case Earliest Date by End of Week\*  
 US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of cases reporting urbanicity by date - 98.27%  
 US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars.  
 \*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC.  
 Last Updated: Aug 17, 2021

Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

### COVID-19 Weekly Cases per 100,000 Population by Race per Urbanicity, United States



March 01, 2020 - August 21, 2021



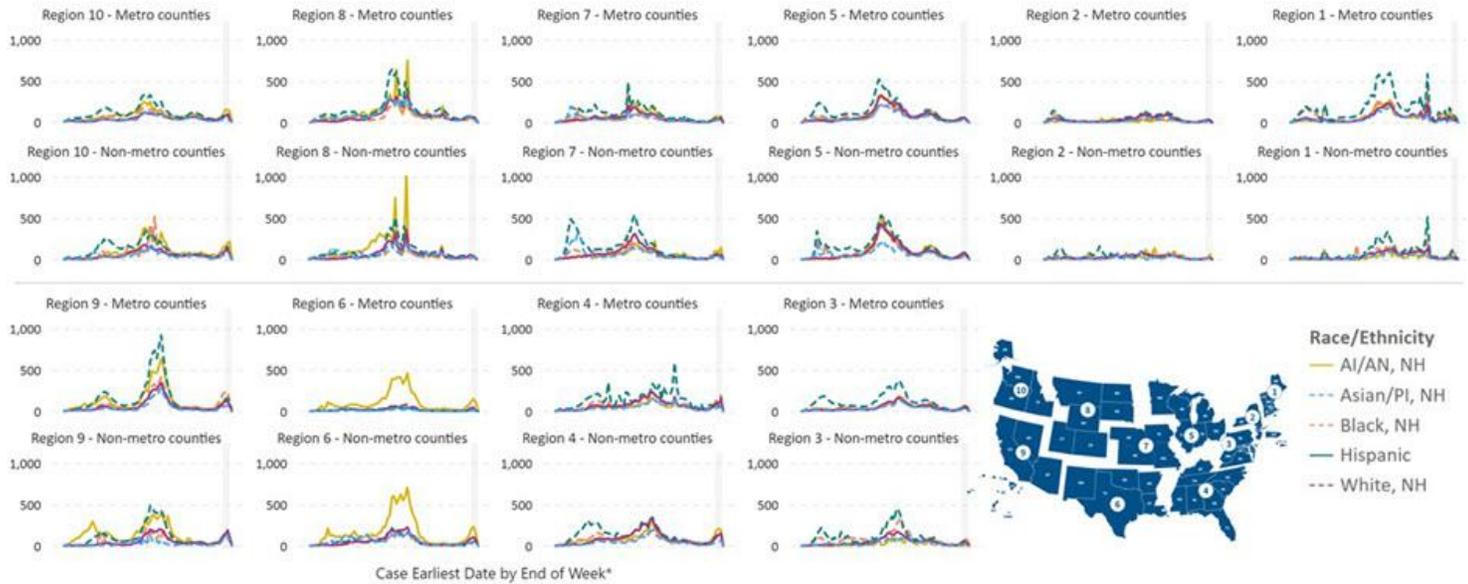
US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of cases reporting race and urbanicity by date - 59.82%  
 US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars.  
 \*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC.  
 Last Updated: Aug 17, 2021

Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

## COVID-19 Weekly Cases per 100,000 Population by Race/Ethnicity per Urbanicity & HHS Region, United States



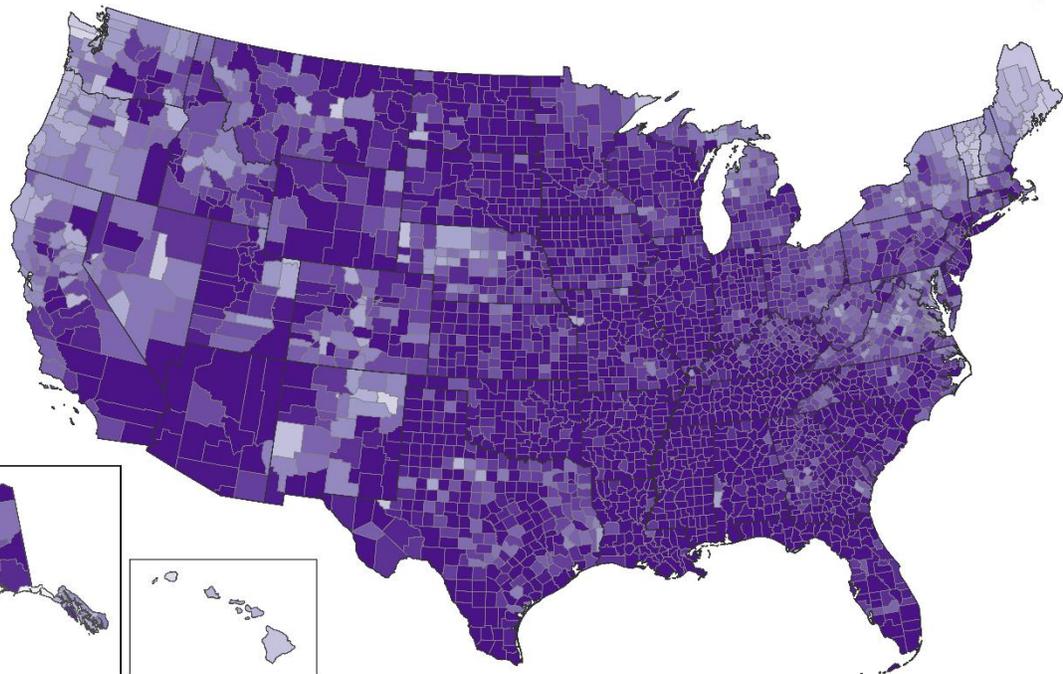
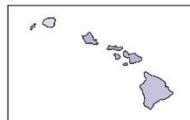
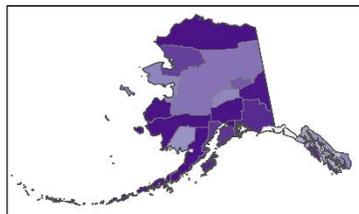
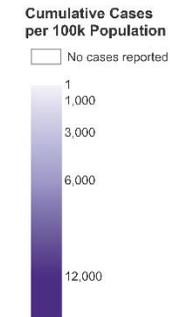
March 01, 2020 - August 21, 2021



US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of cases reporting race and urbanicity by date - 59.82%  
 US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars.  
 \*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC.  
 Last Updated: Aug 17, 2021

Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

## Cumulative Number of COVID-19 Cases per 100,000 Population by County January 22, 2020 – August 21, 2021



Updated Aug 23, 2021, 08:00

Data sources: HHS Protect; US Census Bureau 2019 Population Estimates

CDC/CPR/DEO Situational Awareness Branch

COVID-19 Hospital Data

New Admissions of Patients with Confirmed COVID-19, United States

August 01, 2020 – August 21, 2021



**2,633,567**

Total New Admissions  
Aug 01, 2020 – Aug 21, 2021

**8,713**

New Admissions  
Aug 21, 2021

**11,337**

Current 7-Day Average  
Aug 15, 2021 – Aug 21, 2021

**11,162**

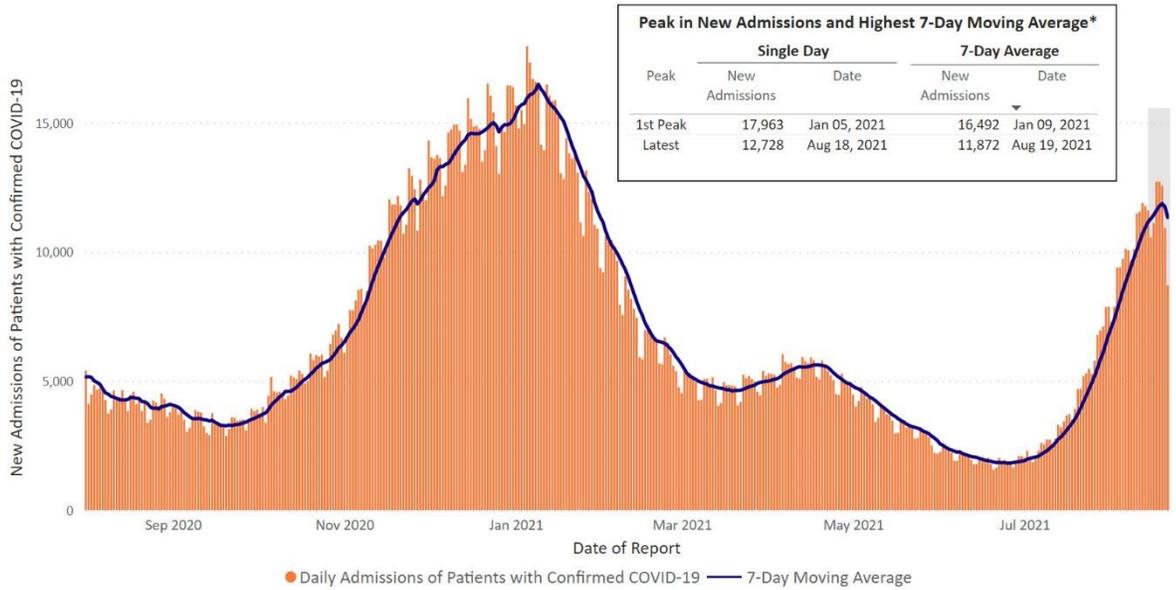
Prior 7-Day Average  
Aug 08, 2021 – Aug 14, 2021

**+1.6%**

Change in 7-Day Average

**-31.3%**

Change Since Peak 7-Day Average



Based on reporting from all hospitals (N=5,251). Due to potential reporting delays, data reported in the most recent 7 days (as represented by the shaded bar) should be interpreted with caution. Data reported prior to Aug 1, 2020 are unavailable.

\*Small shifts in historic data may occur due to changes in the CMS Provider of Services file, which is used to identify the cohort of included hospitals.

Last Updated: Aug 23, 2021

Data Source: Unified Hospital Timeseries Dataset, HHS Protect; White House COVID-19 Team, Data Strategy and Execution Workgroup; Visualization: CDC CPR DEO Situational Awareness Public Health Scientist Team

Prevalent Hospitalizations of Patients with Confirmed COVID-19, United States

August 01, 2020 – August 21, 2021



**58,393**

Hospitalized Patients  
Aug 21, 2021

**77,727**

Current 7-Day Average  
Aug 15, 2021 – Aug 21, 2021

**71,466**

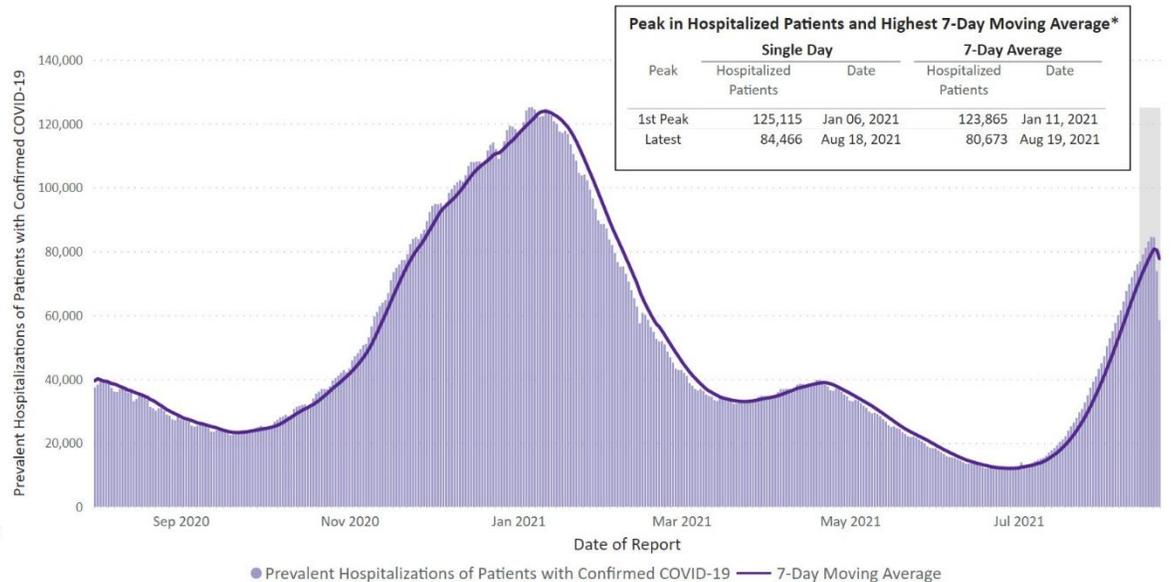
Prior 7-Day Average  
Aug 08, 2021 – Aug 14, 2021

**+8.8%**

Change in 7-Day Average

**-37.2%**

Change Since Peak 7-Day Average



Based on reporting from all hospitals (N=5,251). Due to potential reporting delays, data reported in the most recent 7 days (as represented by the shaded bar) should be interpreted with caution. Data reported prior to Aug 1, 2020 are unavailable.

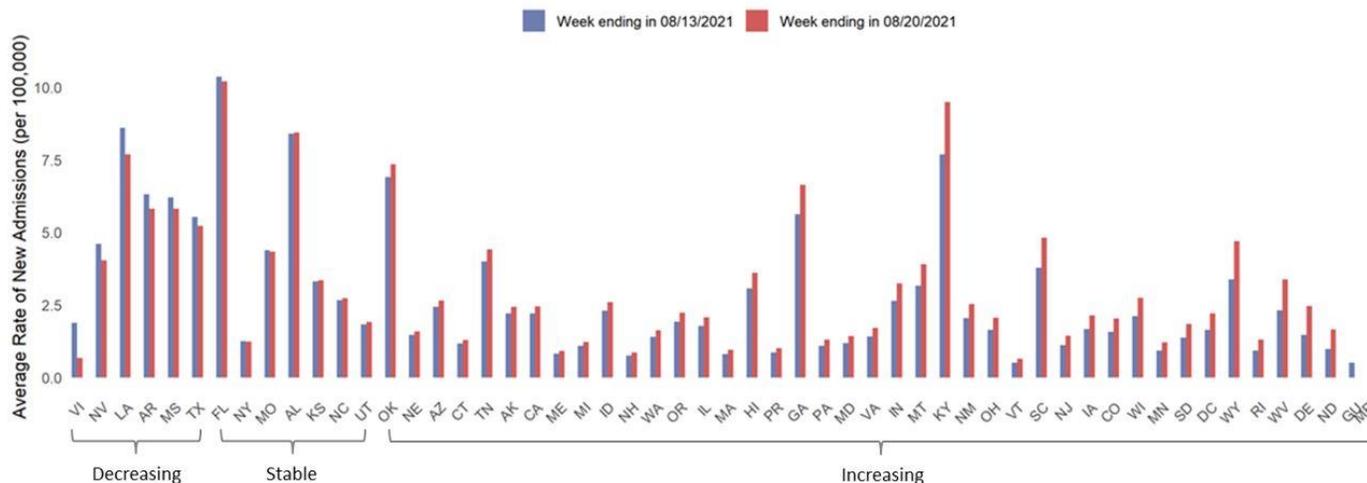
\*Small shifts in historic data may occur due to changes in the CMS Provider of Services file, which is used to identify the cohort of included hospitals.

Last Updated: Aug 23, 2021

Data Source: Unified Hospital Timeseries Dataset, HHS Protect; White House COVID-19 Team, Data Strategy and Execution Workgroup; Visualization: CDC CPR DEO Situational Awareness Public Health Scientist Team

### Rates of New Admissions of Patients with Confirmed COVID-19 by State

August 07, 2021 – August 13, 2021, and August 14, 2021 – August 20, 2021

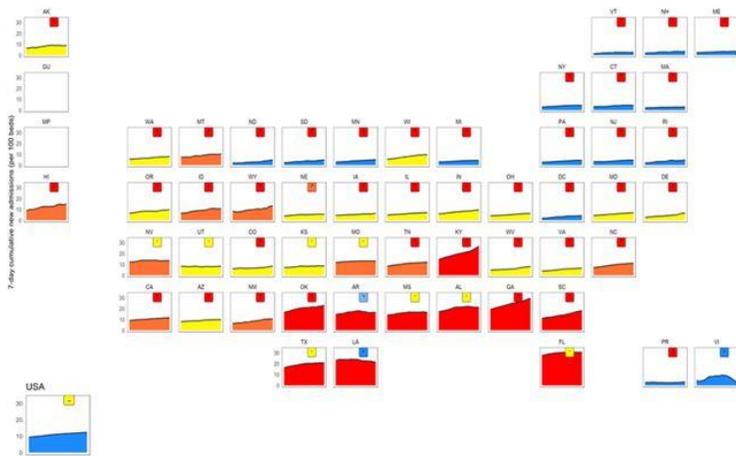


Based on reporting from all hospitals (N=5,251).  
Last Updated: Aug 22, 2021

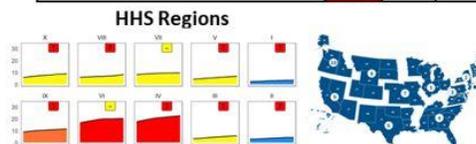
Data Source: Unified Hospital Timeseries Dataset, HHS Protect  
White House COVID-19 Team, Data Strategy and Execution Workgroup

### Cumulative 7-Day Admissions of Patients with Confirmed COVID-19 per 100 Beds and Percent Change

August 07, 2021 – August 20, 2021



\*14 days of data are included in this analysis.

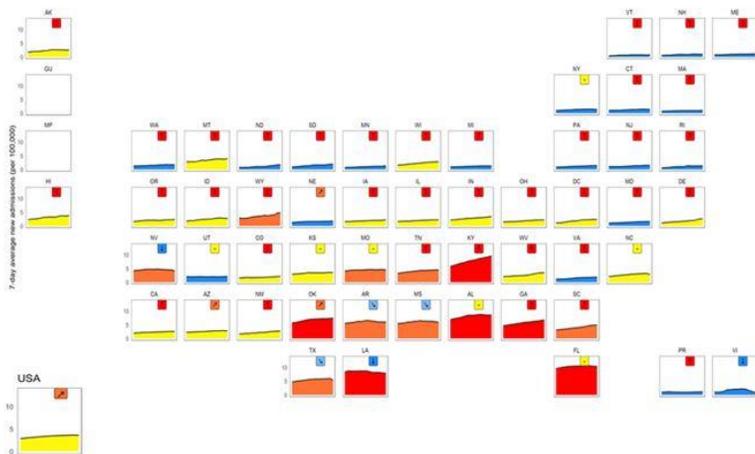


Based on reporting from all hospitals (N=5,251).  
Last Updated: Aug 22, 2021

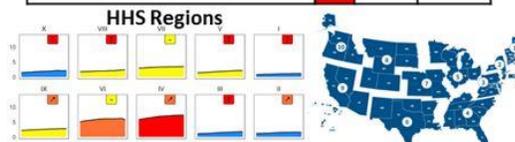
Source: Unified Hospital Timeseries Dataset, HHS Protect, White House COVID-19 Team; Data Strategy and Execution Workgroup

### Average 7-Day Admissions of Patients with Confirmed COVID-19 per 100,000 Population and Percent Change

August 07, 2021 – August 20, 2021



Legend		Distribution	
7-day average confirmed COVID-19 admissions (per 100,000 population)		No.	%
Low: <2	↓	20	36.4 %
Moderate: ≥2 and <4	—	19	34.5 %
Substantial: ≥4 and <6	↗	8	14.5 %
High: ≥6	↑	6	10.9 %
Percent change in 7-day average confirmed COVID-19 admissions (per 100,000 population)			
Decreasing by 10% or more	↓	3	5.5 %
Moderately decreasing: >-10% and ≤-5%	↘	3	5.5 %
Stable: >-5% and <5%	—	7	12.7 %
Moderately increasing: ≥5% and <10%	↗	3	5.5 %
Increasing by 10% or more	↑	37	67.3 %



\*14 days of data are included in this analysis.

Based on reporting from all hospitals (N=5,251).  
Last Updated: Aug 22, 2021

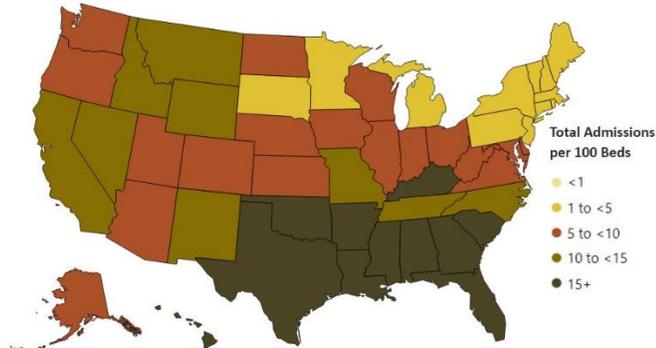
Source: Unified Hospital Timeseries Dataset, HHS Protect; White House COVID-19 Team, Data Strategy and Execution Workgroup

### New Admissions of Patients with Confirmed COVID-19 per 100 Beds and Percent Change Compared to the Previous 7 Days

August 08, 2021 - August 21, 2021

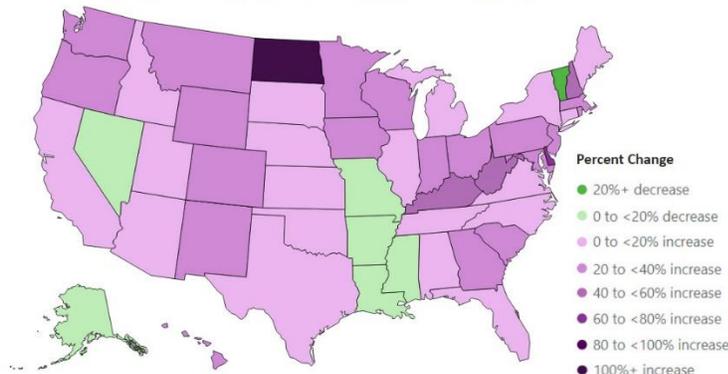
Total New Admissions of Patients with Confirmed COVID-19 per 100 Beds

Aug 15, 2021 – Aug 21, 2021



Percent Change in Total New Admissions of Patients with Confirmed COVID-19 per 100 Beds

Aug 08, 2021 – Aug 14, 2021 vs. Aug 15, 2021 – Aug 21, 2021



Based on reporting from all hospitals (N=5,251).

Due to potential reporting delays, data reported in the most recent 7 days should be interpreted with caution.

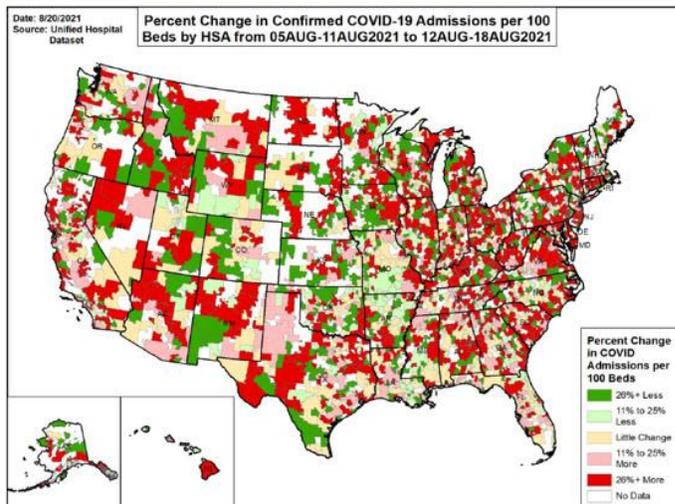
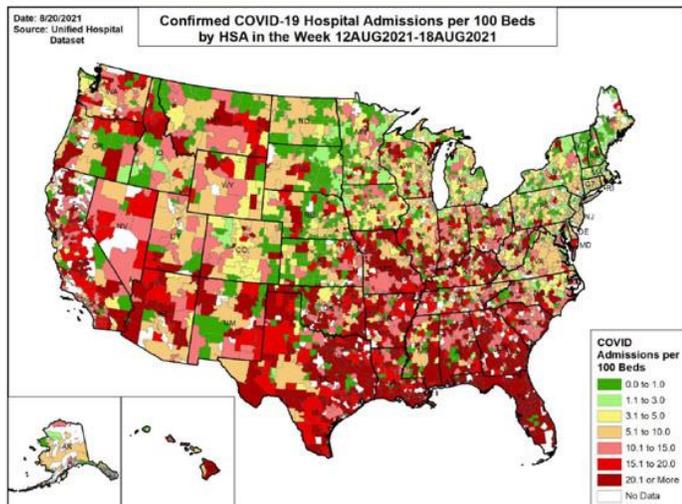
Last Updated: Aug 23, 2021

Data Source: Unified Hospital Timeseries Dataset, HHS Protect; White House COVID-19 Team, Data Strategy and Execution Workgroup; Visualization: CDC CPR DEO Situational Awareness Public Health Scientist Team

### COVID-19 Hospital Admissions in the Last 7 Days and Comparison to the Previous 7 Days by Hospital Service Area (HSA)

**Total Confirmed COVID-19 Hospital Admissions in Last 7 Days:**  
81,975

**Percent Change from Previous 7 Days: +12.3%**



Source: Unified Hospital Dataset, excluding psychiatric, rehabilitation, and religious non-medical hospitals. Confirmed COVID-19 admissions are all confirmed daily admissions reported within the last 7 days. Denominator of per 100 beds calculation is the sum of average staffed inpatient bed count reported by hospitals within the geographic region and time period. HSA indicates Hospital Service Area. Hospitals are assigned to HSA based on zip code where known. In some areas, reports are aggregates of multiple facilities that cross HSA boundaries; in these cases, values are assigned based on the zip code for the aggregate.

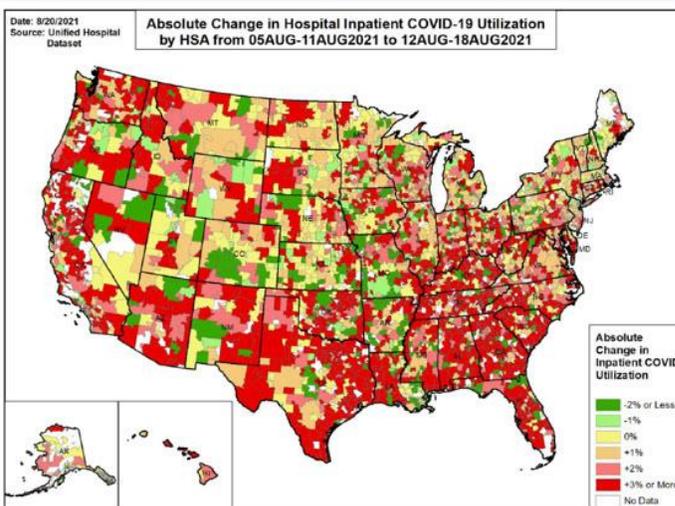
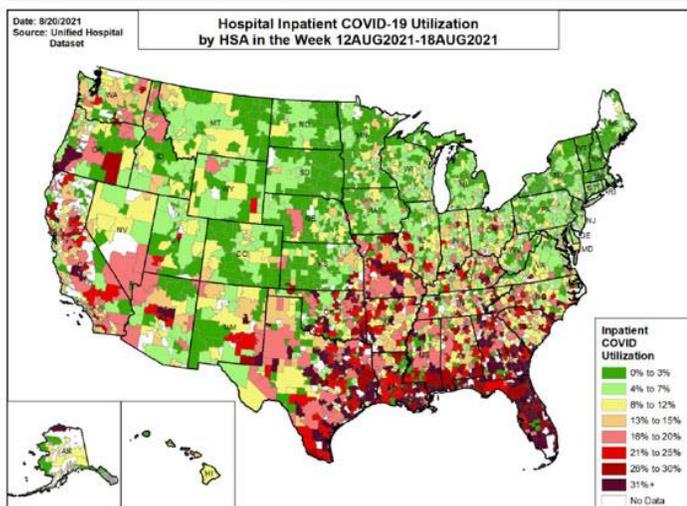
Last Updated: Aug 20, 2021

Source(s): Unified Hospital Dataset  
White House COVID-19 Team, Data Strategy and Execution Workgroup, Community Profile Report

### COVID-19 Hospital Inpatient Utilization in the Last 7 Days and Comparison to the Previous 7 Days by Hospital Service Area (HSA)

**Average Daily COVID-19 Hospital Inpatients over Last 7 Days:**  
80,239

**Percent Change from Previous 7 Days: +22.5%**

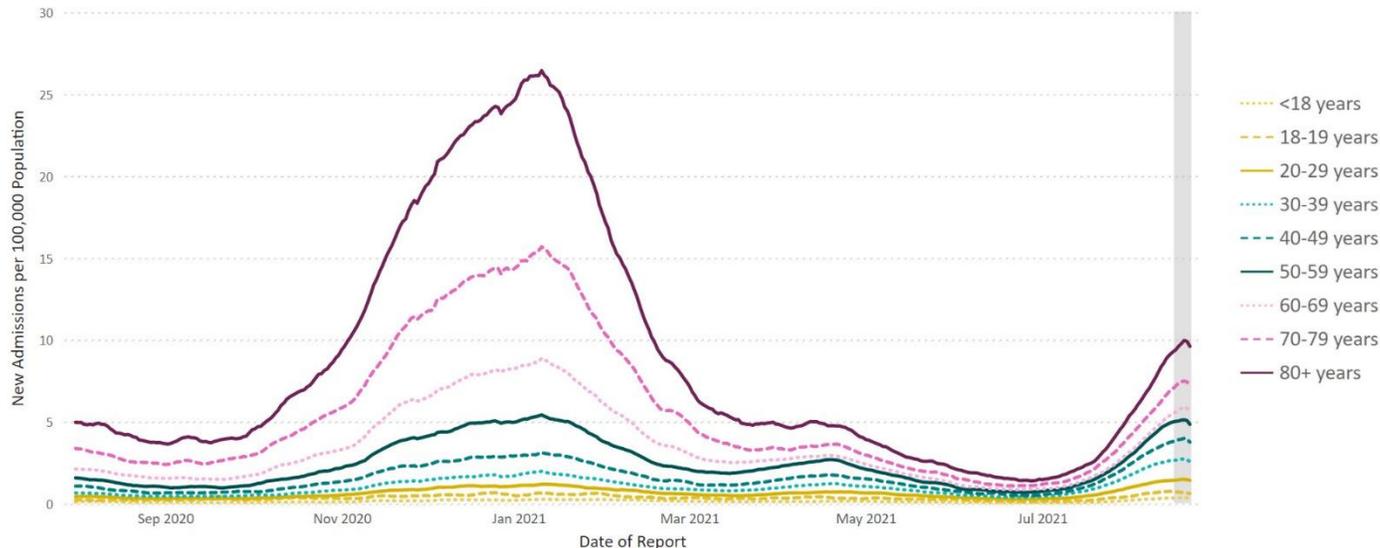


Source: Unified Hospital Dataset, excluding psychiatric, rehabilitation, and religious non-medical hospitals. COVID-19 inpatient utilization indicates average percentage of staffed inpatient beds occupied by confirmed COVID-19 patients within the given time period. HSA indicates Hospital Service Area. Hospitals are assigned to HSA based on zip code where known. In some areas, reports are aggregates of multiple facilities that cross HSA boundaries; in these cases, values are assigned based on the zip code for the aggregate. See Data Sources/Methods slides for additional details.

Last Updated: Aug 20, 2021

Source(s): Unified Hospital Dataset  
White House COVID-19 Team, Data Strategy and Execution Workgroup, Community Profile Report

### New Admissions of Patients with Confirmed COVID-19 per 100,000 Population by Age Group, United States August 01, 2020 – August 21, 2021

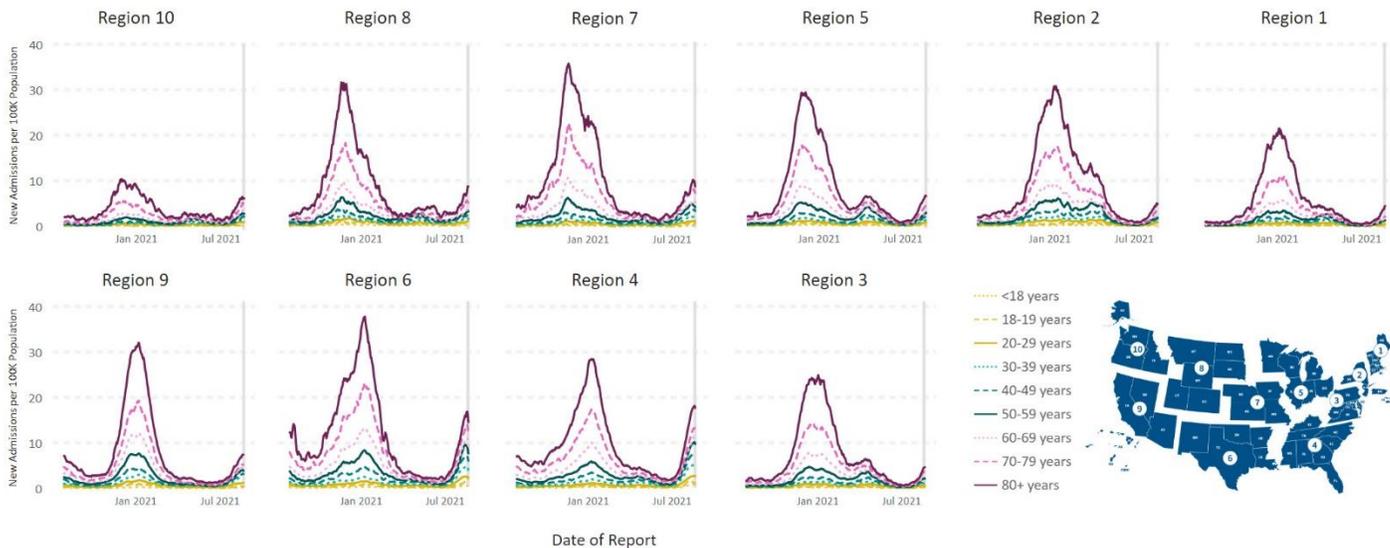


Based on reporting from all hospitals (N=5,251). Due to potential reporting delays, data reported in the most recent 7 days (as represented by the shaded bar) should be interpreted with caution. Data reported prior to Aug 1, 2020 are unavailable.

Last Updated: Aug 23, 2021

Data Source: Unified Hospital Timeseries Dataset, HHS Protect; White House COVID-19 Team, Data Strategy and Execution Workgroup; Visualization: CDC CPR DEO Situational Awareness Public Health Scientist Team

### New Admissions of Patients with Confirmed COVID-19 per 100,000 Population by Age Group and HHS Region, United States August 01, 2020 – August 21, 2021

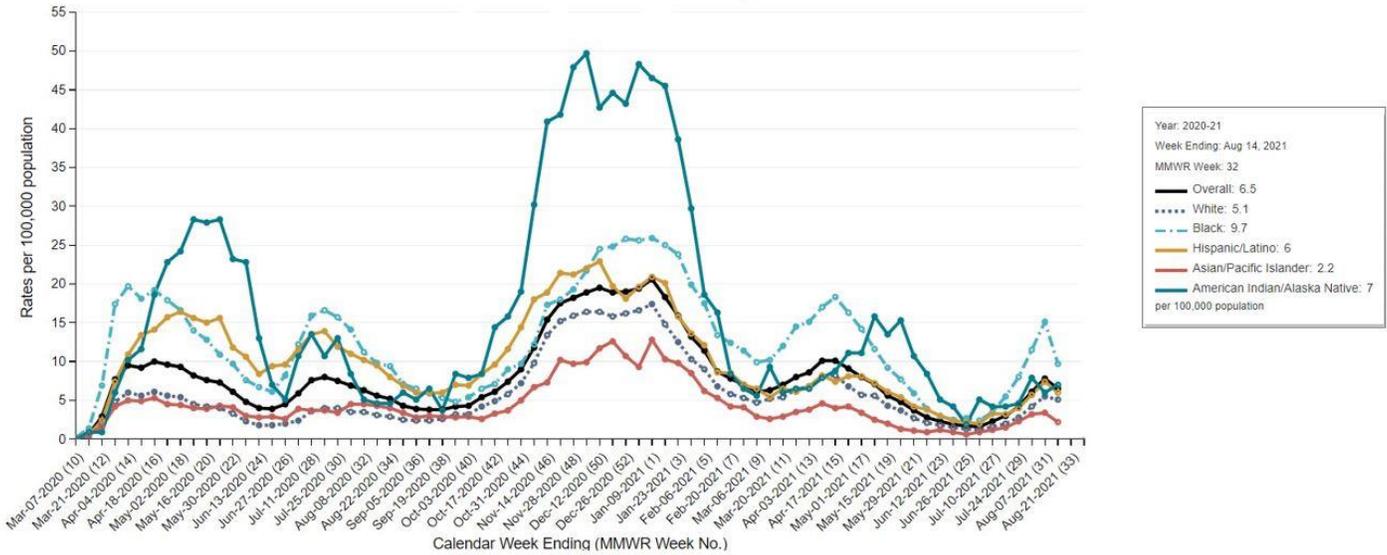


Based on reporting from all hospitals (N=5,251). Due to potential reporting delays, data reported in the most recent 7 days (as represented by the shaded bar) should be interpreted with caution. Data reported prior to Aug 1, 2020 are unavailable.

Last Updated: Aug 23, 2021

Data Source: Unified Hospital Timeseries Dataset, HHS Protect; White House COVID-19 Team, Data Strategy and Execution Workgroup; Visualization: CDC CPR DEO Situational Awareness Public Health Scientist Team

### COVID-19-Associated Hospitalization Surveillance Network (COVID-NET) Laboratory-Confirmed COVID-19 Associated Hospitalizations by Race/Ethnicity March 01, 2020 – August 14, 2021



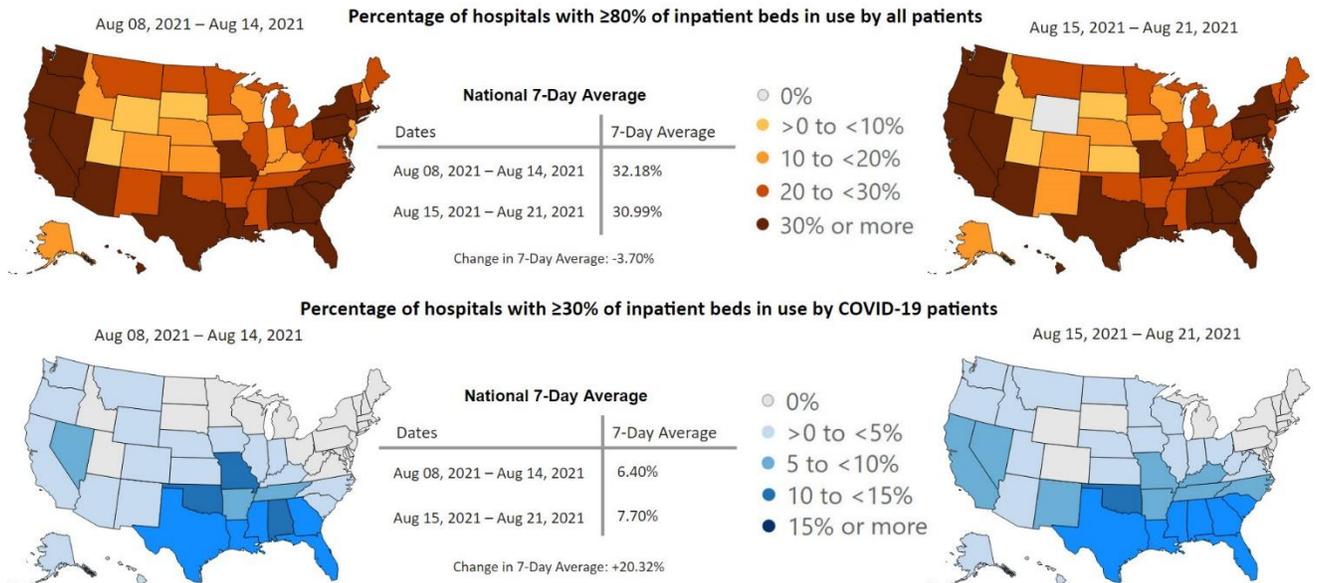
COVID-NET conducts population-based surveillance for laboratory-confirmed COVID-19-associated hospitalizations in children (less than 18 years of age) and adults. COVID-NET covers nearly 100 counties in the 10 Emerging Infections Program (EIP) states (CA, CO, CT, GA, MD, MN, NM, NY, OR, TN) and four Influenza Hospitalization Surveillance Project (IHSP) states (IA, MI, OH, and UT). Incidence rates (per 100,000 population) are calculated using the National Center for Health Statistics' (NCHS) vintage 2019 bridged-race postcensal population estimates for the counties included in the surveillance catchment area. The rates provided are likely to be underestimated as COVID-19 hospitalizations might be missed due to test availability and provider or facility testing practices.

Last Updated: Aug 23, 2021

Source: CDC COVID-NET

### Inpatient Bed Occupancy by State

August 08, 2021 - August 21, 2021



Based on reporting from all hospitals (N=5,251).

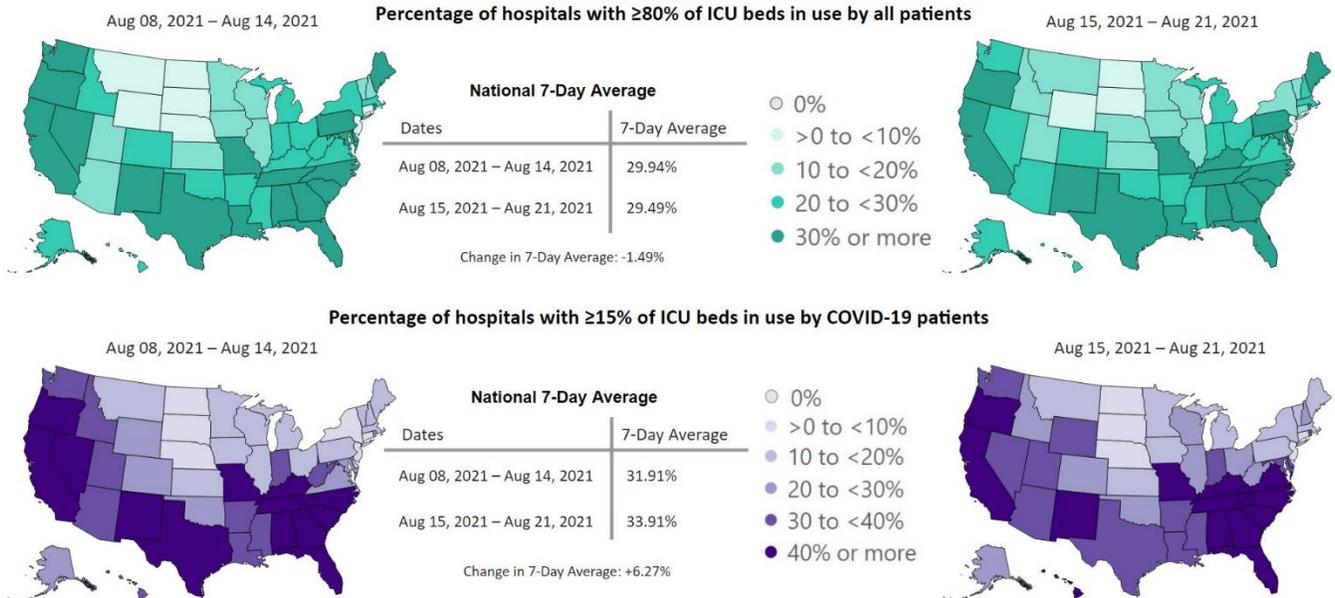
Due to potential reporting delays, data reported in the most recent 7 days should be interpreted with caution.

Data Source: Unified Hospital Timeseries Dataset, HHS Protect; White House COVID-19 Team, Data Strategy and Execution Workgroup; Visualization: CDC CPR DEO Situational Awareness Public Health Scientist Team

Last Updated: Aug 23, 2021

### ICU Bed Occupancy by State

August 08, 2021 - August 21, 2021



Based on reporting from all hospitals (N=5,251).

Due to potential reporting delays, data reported in the most recent 7 days should be interpreted with caution.

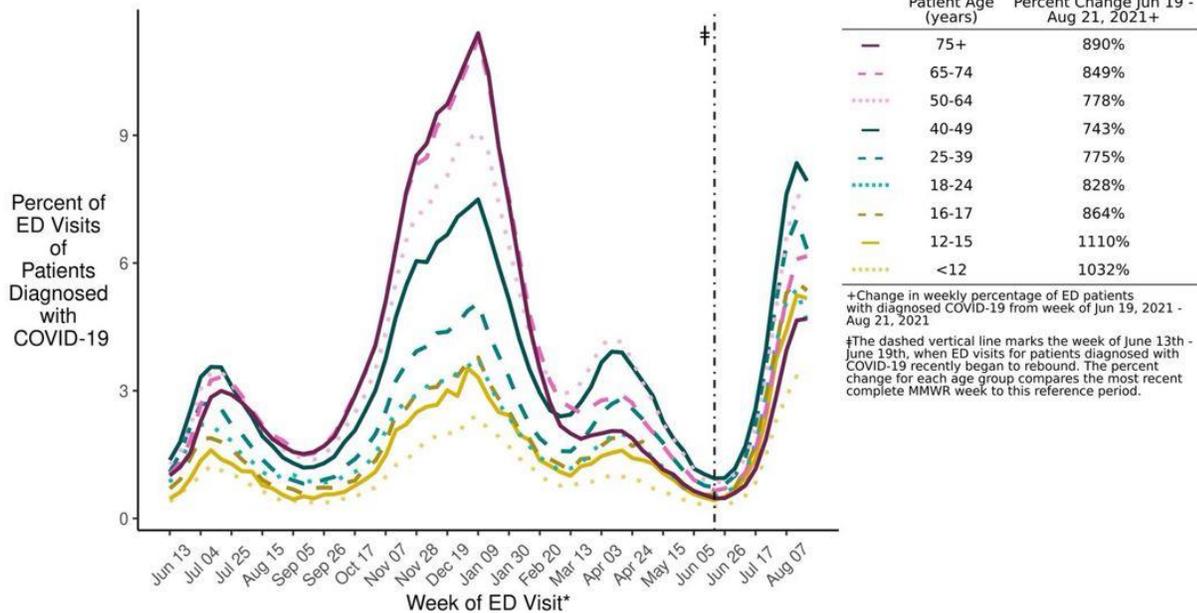
Last Updated: Aug 23, 2021

Data Source: Unified Hospital Timeseries Dataset, HHS Protect; White House COVID-19 Team, Data Strategy and Execution Workgroup; Visualization: CDC CPR DEO Situational Awareness Public Health Scientist Team

### Outpatient/Emergency Department Visits

#### Weekly Percentage of Emergency Department (ED) Visits of Patients Diagnosed with COVID-19

June 06, 2020 – August 21, 2021



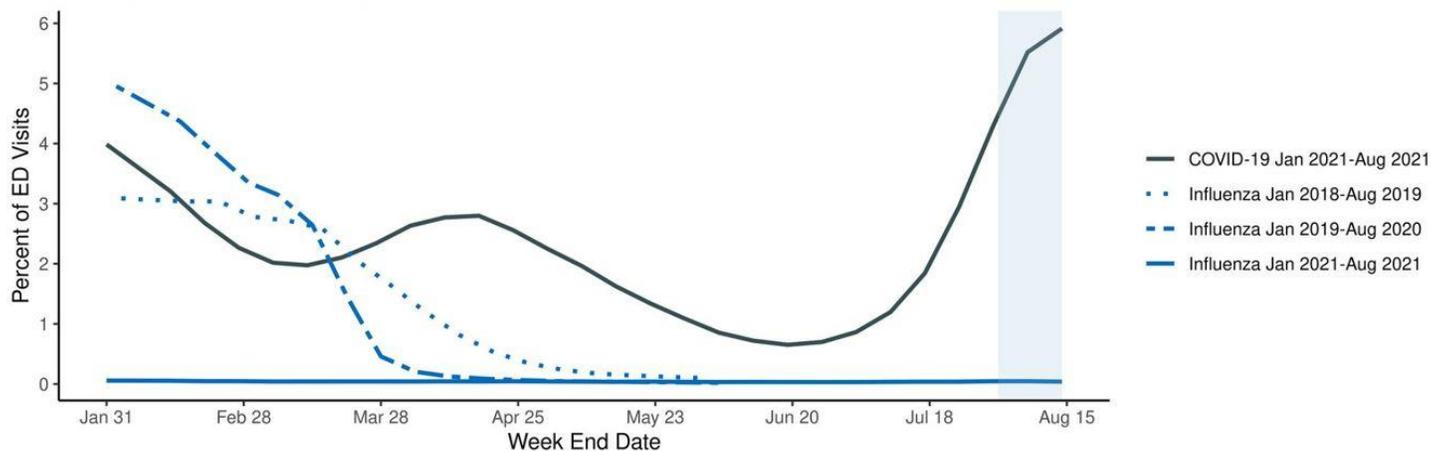
Last Updated: Aug 23, 2021

Data Source: CDC National Syndromic Surveillance Program (NSSP)

**COVID-19 and Influenza Discharge Diagnosis as Percentage of Emergency Department Visits**



January 31, 2021 – August 14, 2021



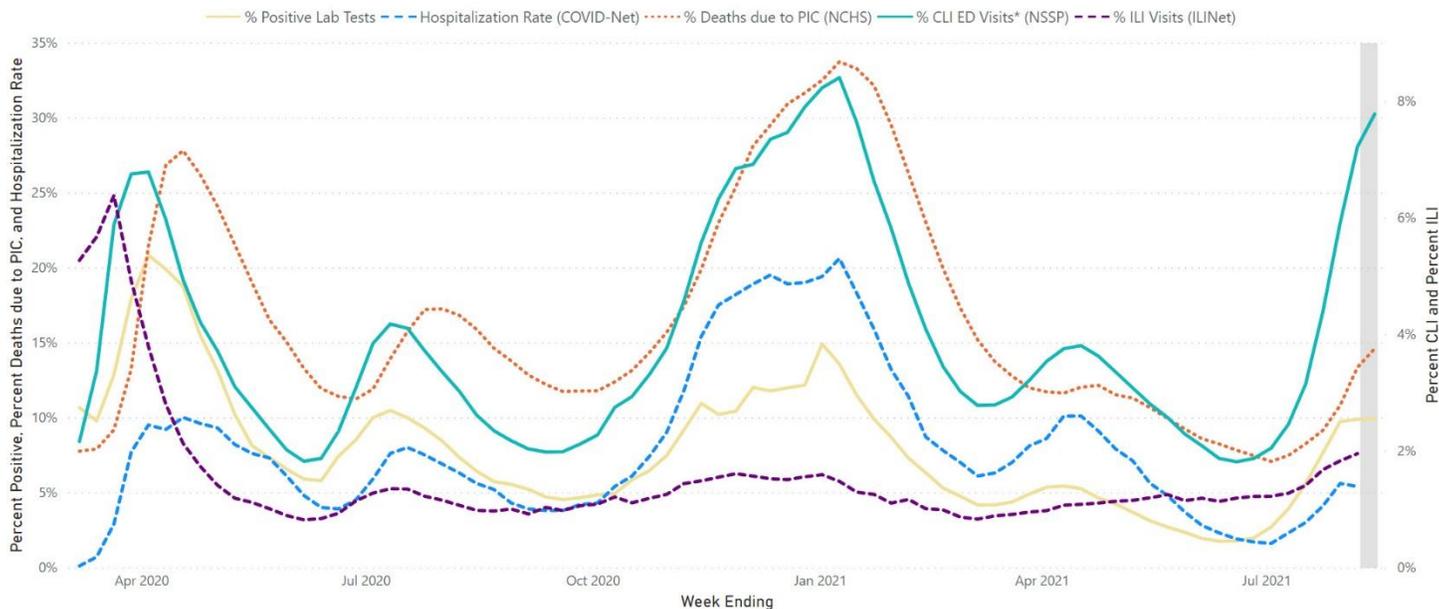
Data in shaded area may be incomplete due to reporting delays

Last Updated: Aug 18, 2021

Data Source: CDC National Syndromic Surveillance Program (NSSP)

**National COVID-19 Activity Indicators**

March 01, 2020 - August, 14, 2021



Grey bar indicates two-week lag. CLI = COVID-like illness, ED = emergency department, PIC = pneumonia, influenza, or COVID-19

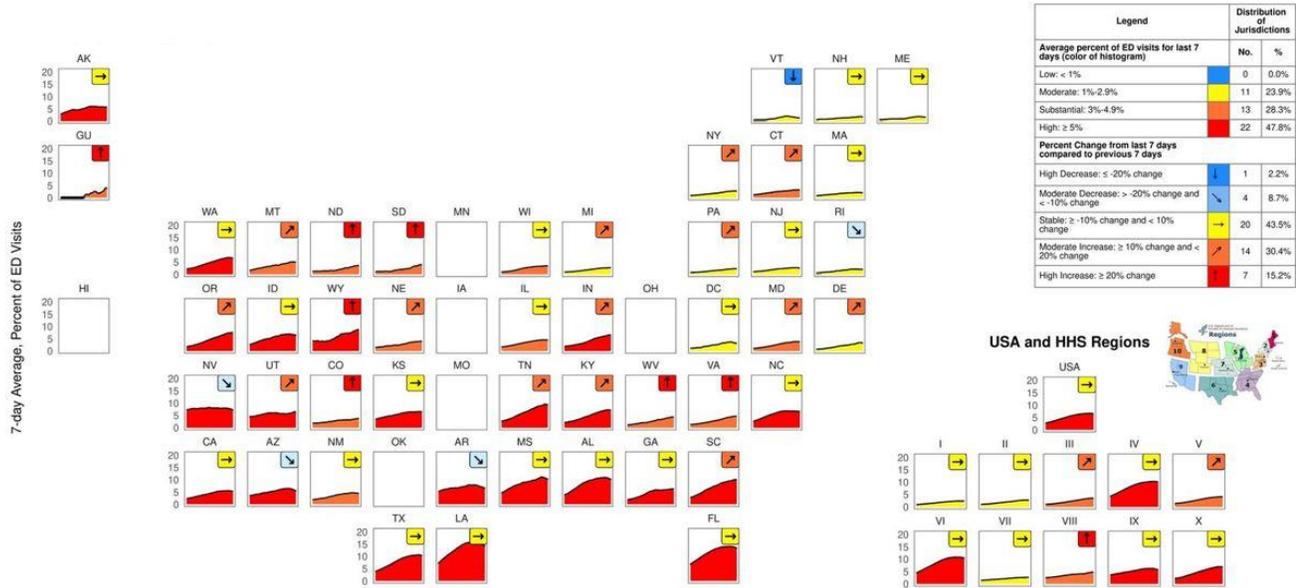
\* NSSP measure includes ED visits of patients diagnosed with COVID-19 or with CLI.

Last Update: Aug 19, 2021

Sources: COVID-Net, HHS Protect, NSSP, ILINet, NCHS; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

### Trajectory in Percent of Emergency Department (ED) Visits with COVID-19-Specific Discharge Diagnoses

July 21, 2021 – August 19, 2021



<50% of ED facilities in California, Hawaii, Iowa, Minnesota, and Oklahoma, participate in NSSP. Missouri's discharge diagnosis data is incomplete. Ohio's data stream is currently down due to a recent system upgrade.

Last Updated: Aug 23, 2021.

Data Source: National Syndromic Surveillance Program (NSSP); Visualization: CDC COVID-19 Data, Analytics, & Visualization Task Force

## COVID-19 Deaths

### Daily Change in COVID-19 Deaths, United States

January 22, 2020\* - August 22, 2021

**626,833**

Total Deaths Reported

**164**

New Deaths Reported\*\*

**692**

Current 7-Day Average\*\*

Aug 16, 2021 - Aug 22, 2021

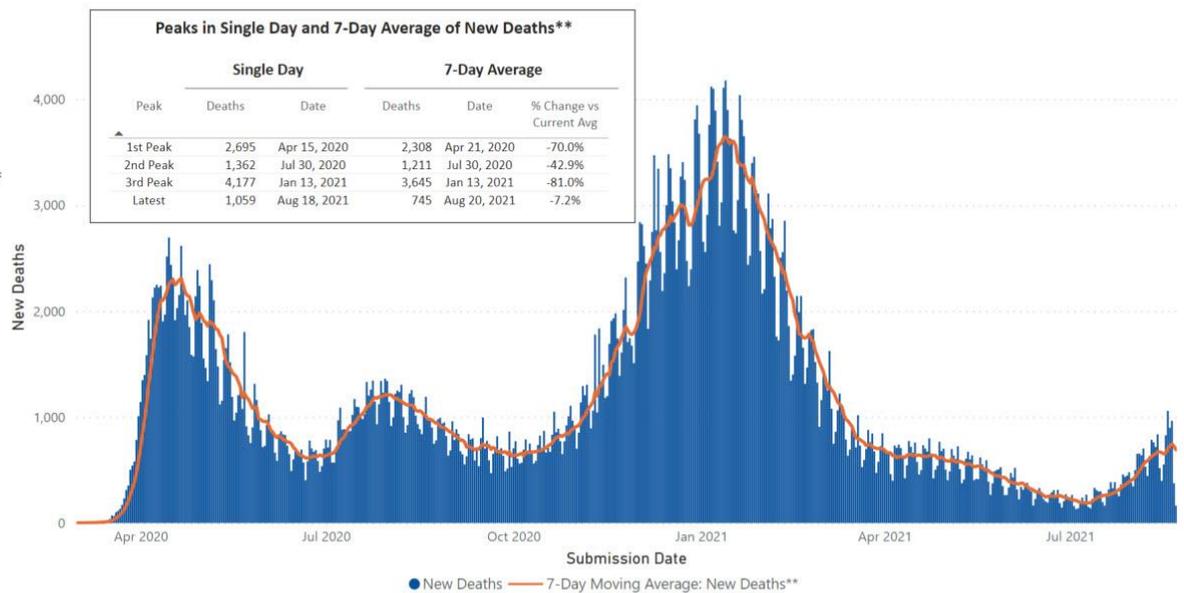
**664**

Prior 7-Day Average\*\*

Aug 09, 2021 - Aug 15, 2021

**4.2%**

Change in 7-Day Average



\*Graph displays data starting on Mar 01, 2020. The totals include deaths reported since Jan 22, 2020.

\*\* The histogram, total of new deaths in the last 24 hours, and 7 day averages do not include historical deaths reported retroactively. Historical deaths are still reflected in the cumulative national total. Of 6,385 historical deaths reported retroactively, none were reported on the most recent submission date; 100 in the current week; and 27 in the prior week.

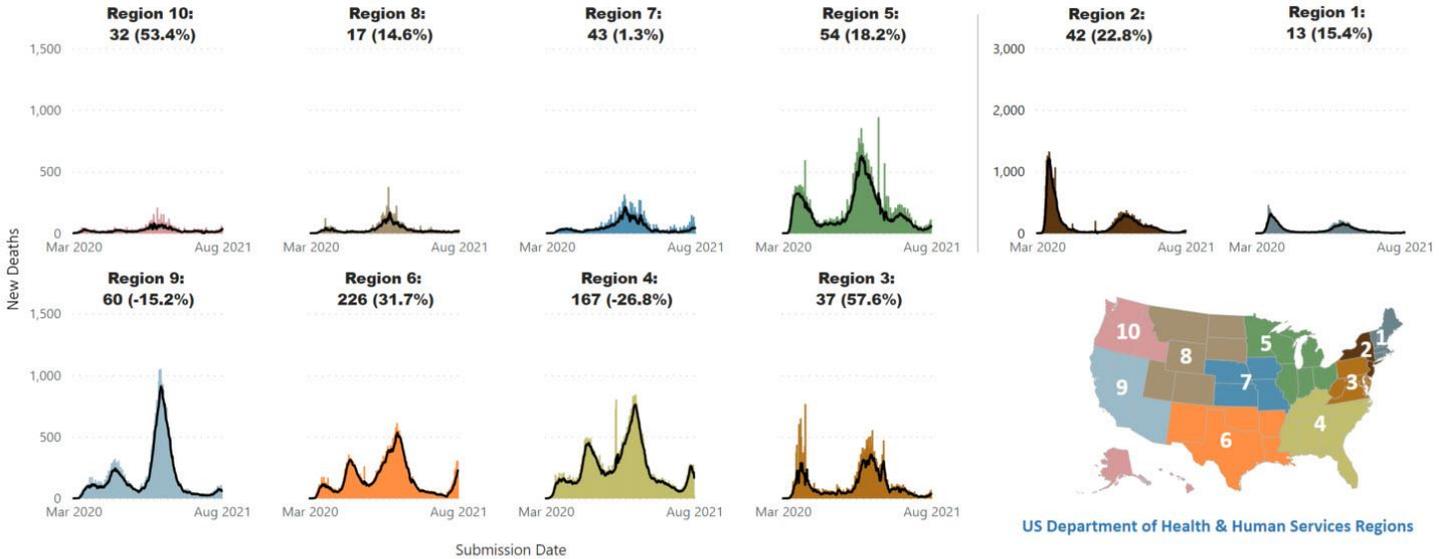
Last Updated: Aug 23, 2021, 12:20

Data Source: CDC Case Surveillance, state-level aggregated COVID-19 Cases, HHS Protect; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

## COVID-19 Deaths by HHS Region, United States New Deaths and 7-Day Moving Average March 01, 2020 - August 22, 2021



HHS Region Number: 7-Day Moving Average (Percent Change Since Prior 7-Day Moving Average)



US Department of Health & Human Services Regions

Regions 1 & 2 are shown on a different scale than Regions 3-8. Histograms and 7-day averages exclude historical deaths reported retroactively.

Last Updated: Aug 23, 2021, 12:20

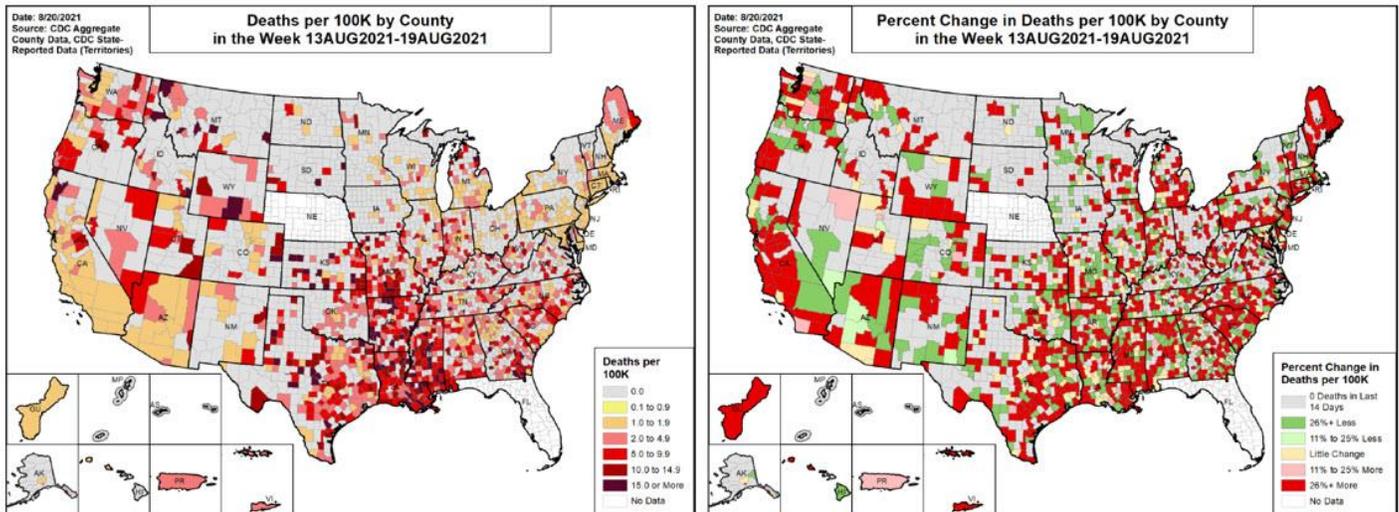
Data Source: CDC Case Surveillance, state-level aggregated COVID-19 Cases, HHS Protect; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

## COVID-19 Mortality Rate in the Last 7 Days and Comparison to the Previous 7 Days by County



Mortality Rate in the Last 7 Days: 1.4 deaths per 100,000

Percent Change from Previous 7 Days: +17.2%



Note: As of May 26, 2021, Nebraska stopped reporting county level case data.  
Last Updated: Aug 20, 2021

Source(s): CDC aggregate county dataset; CDC state-reported data used for territories  
White House COVID-19 Team, Data Strategy and Execution Workgroup, Community Profile Report

### Demographic Distribution of COVID-19 Deaths



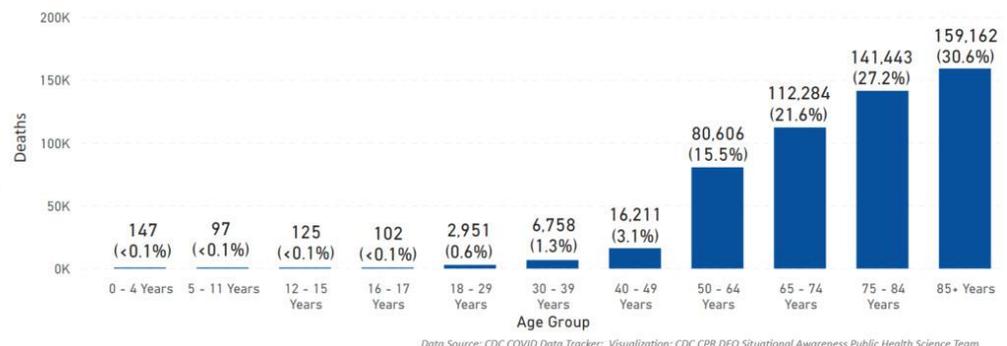
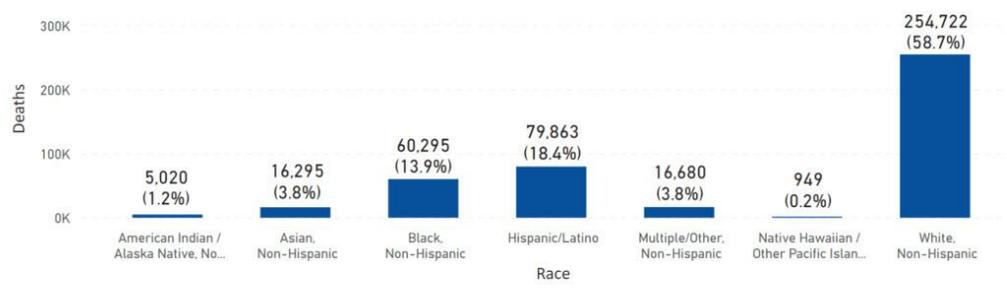
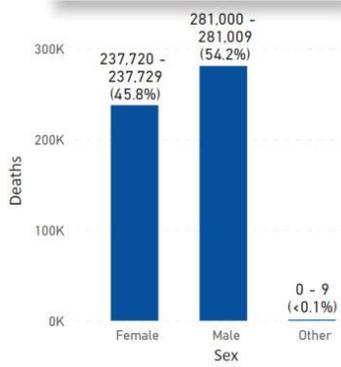
January 21, 2020 - August 22, 2021

**519,924**  
Total Deaths Reported

**433,824 (83.4%)**  
Deaths With Race/Ethnicity Reported

**518,413 (99.8%)**  
Deaths With Sex Reported

**519,886 (99.99%)**  
Deaths With Age Reported



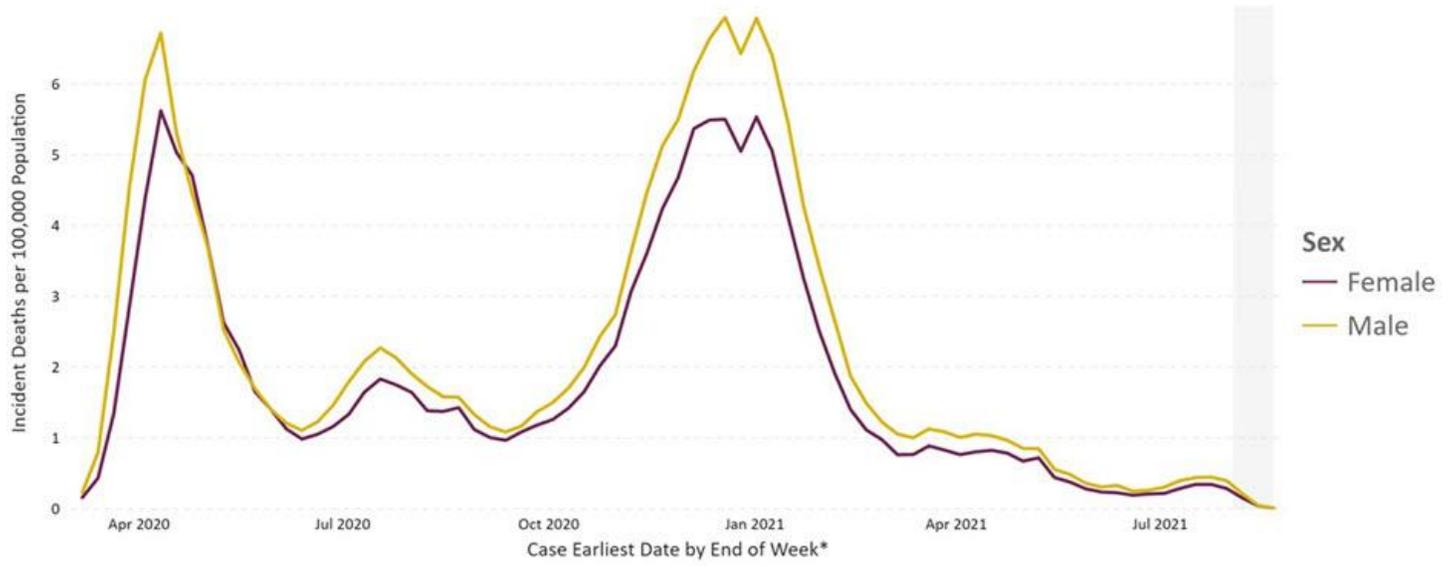
Last Updated: Aug 22, 2021

Data Source: CDC COVID Data Tracker; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

### COVID-19 Weekly Deaths per 100,000 Population by Sex, United States



March 01, 2020 - August 21, 2021\*

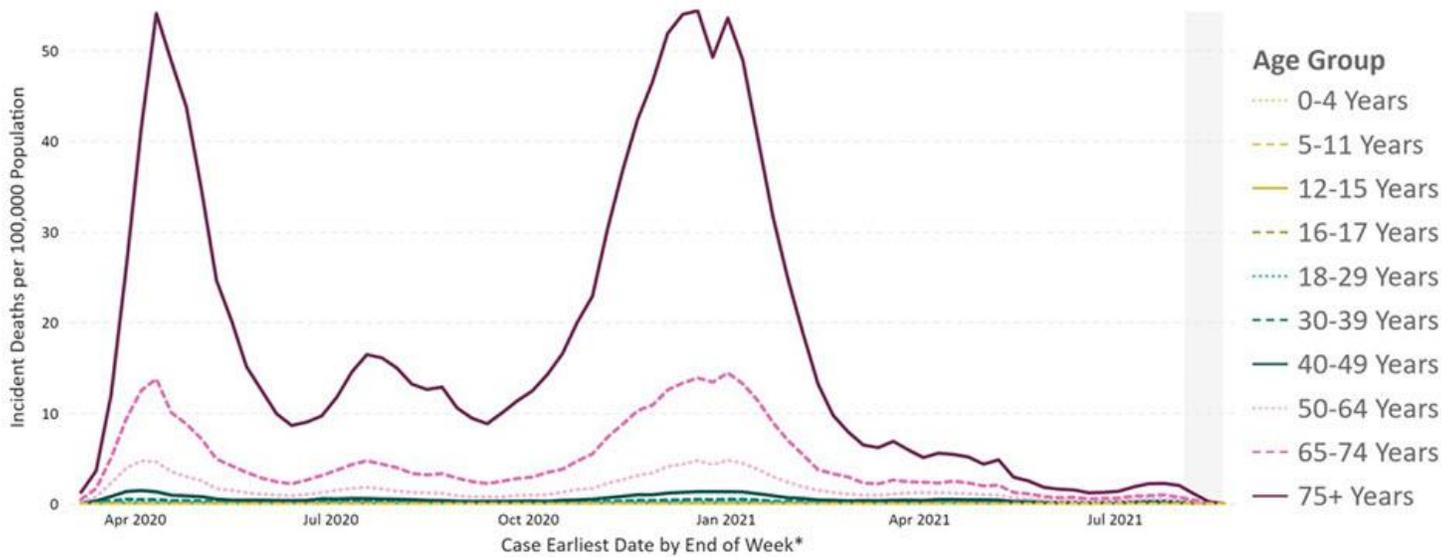


US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of deaths among reported cases - 1.75%. Percentage of deaths reporting sex by date - 99.66%. US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars. \*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC. Last Updated: Aug 17, 2021. Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

### COVID-19 Weekly Deaths per 100,000 Population by Age Group, United States



March 01, 2020 - August 21, 2021\*



US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of deaths among reported cases - 1.75%. Percentage of deaths reporting age by date - 99.88%

US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars.

\*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC.

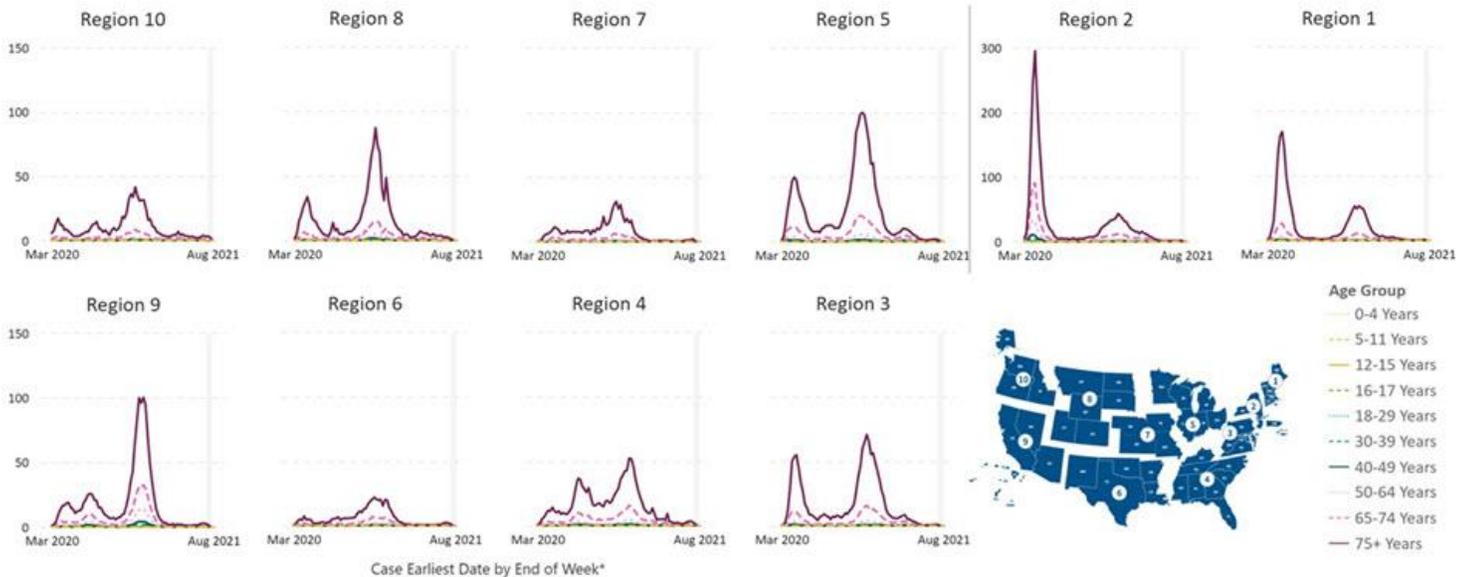
Last Updated: Aug 17, 2021

Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

### COVID-19 Weekly Deaths per 100,000 Population by Age Group per HHS Region, United States



March 01, 2020 - August 21, 2021



US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of deaths among reported cases - 1.75%. Percentage of deaths reporting age by date - 99.88%

US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars. Regions 1 & 2 are shown on an increased scale.

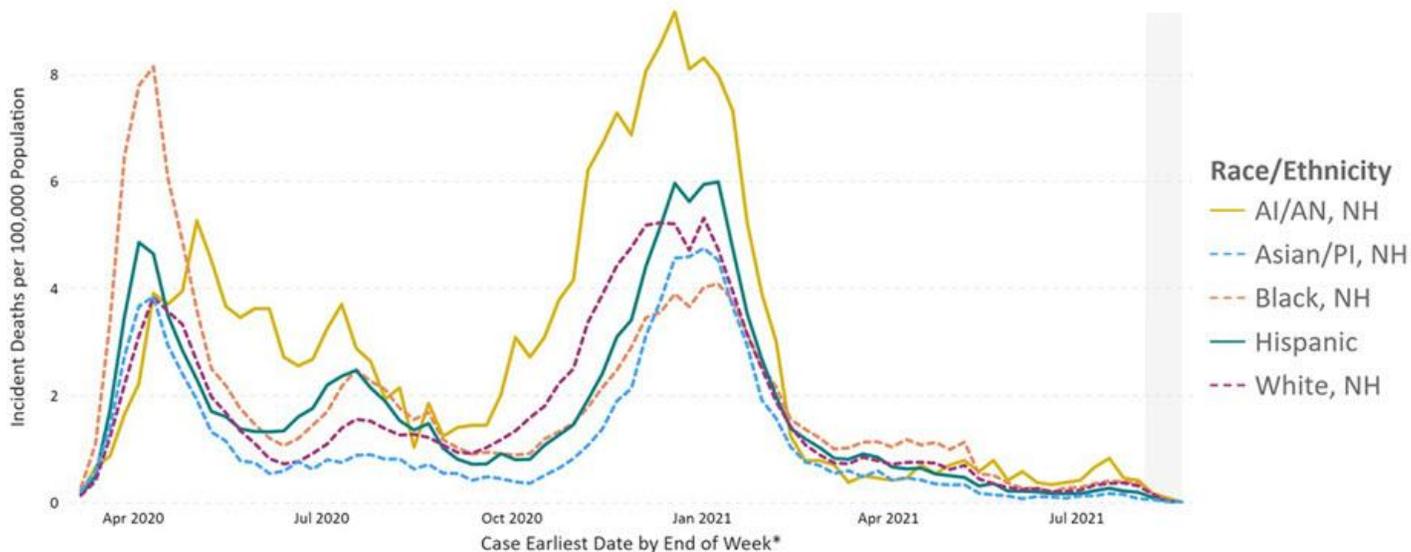
\*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC.

Last Updated: Aug 17, 2021

Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

### COVID-19 Weekly Deaths per 100,000 Population by Race/Ethnicity, United States

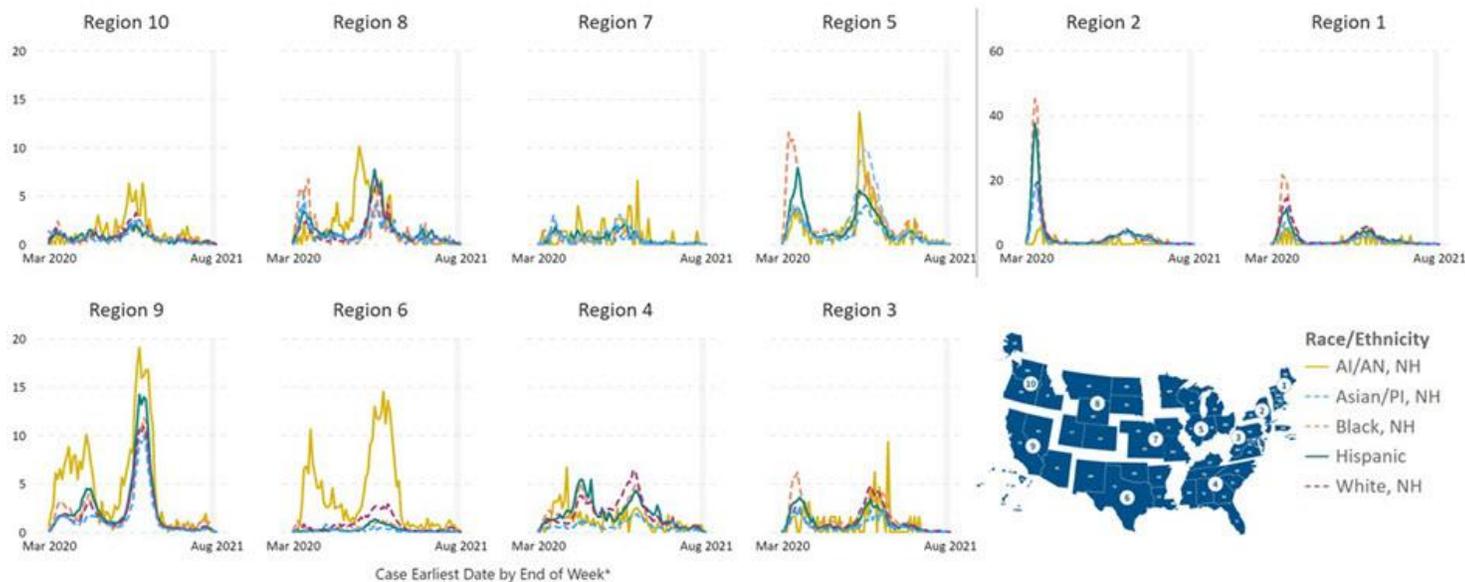
March 01, 2020 - August 21, 2021\*



US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of deaths among reported cases - 1.75%. Percentage of deaths reporting race by date - 80.18%  
 US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars. AI = American Indian, AN = Alaska Native, NH = Non-Hispanic, PI = Pacific Islander. Excludes deaths with unknown or multiple races. \*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC.  
 Last Updated: Aug 17, 2021 Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

### COVID-19 Weekly Deaths per 100,000 Population by Race/Ethnicity per HHS Region, United States

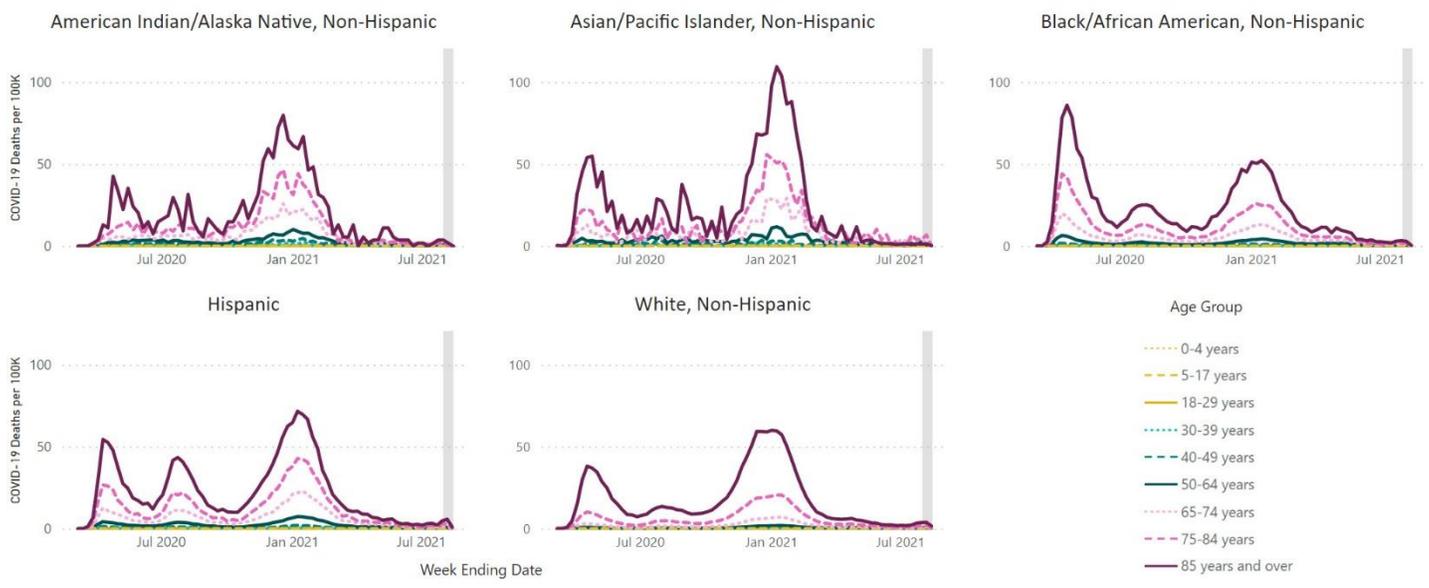
March 01, 2020 - August 21, 2021



US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of deaths among reported cases - 1.75%. Percentage of deaths reporting race by date - 80.18%  
 US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars. AI = American Indian, AN = Alaska Native, NH = Non-Hispanic, PI = Pacific Islander. Regions 1 & 2 are shown on an increased scale. Excludes deaths with unknown or multiple races. \*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC.  
 Last Updated: Aug 17, 2021 Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

### COVID-19 Weekly Deaths per 100,000 Population by Age Group and Race/Ethnicity, United States

March 01, 2020 - August 14, 2021



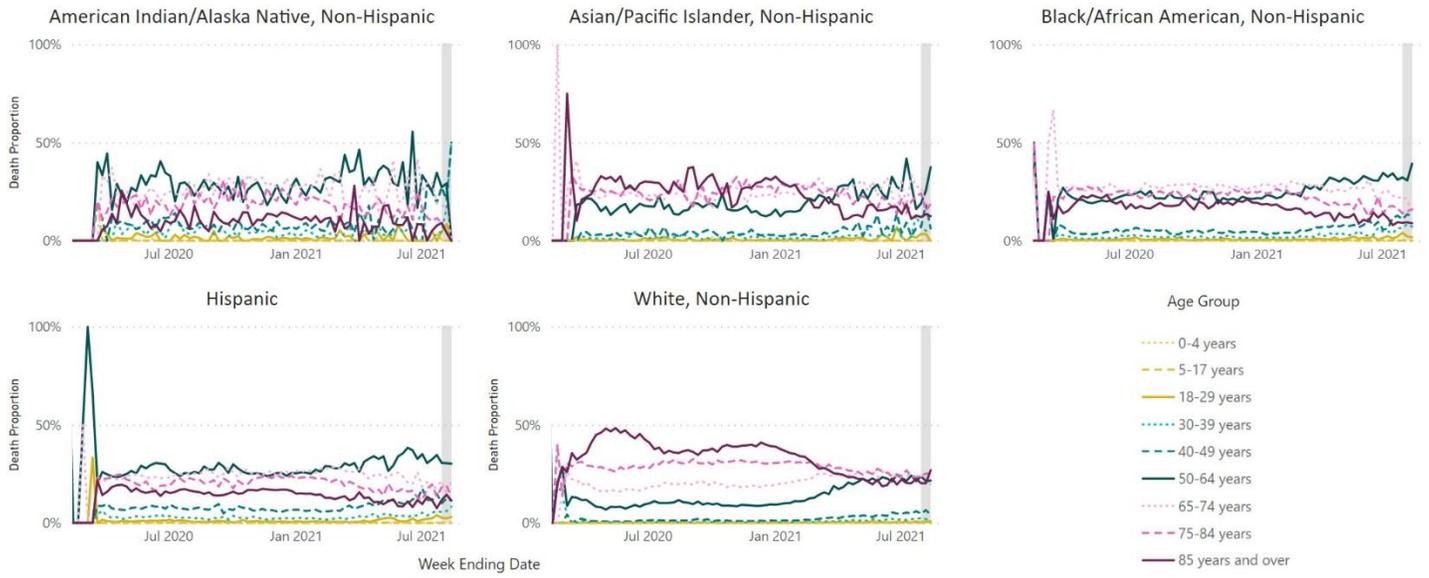
Includes data for US States and the District of Columbia. Excludes data for cases where race was unknown or not further specified. The grey bar represents the average period of lag, up to two weeks. The provisional counts for COVID-19 deaths are based on a current flow of mortality data in the National Vital Statistics System. Death counts for earlier weeks are continually revised and may increase or decrease as new and updated death certificate data are received from states.

Last Updated: Aug 19, 2021

Sources: CDC National Center for Health Statistics - Provisional Weekly Deaths by Region, Race, Age, 2019 US Census Population Estimate; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

### COVID-19 Weekly Proportion of Deaths by Age Group and Race/Ethnicity, United States

March 01, 2020 - August 14, 2021



Includes data for US States and the District of Columbia. Excludes data for cases where race was unknown or not further specified. The grey bar represents the average period of lag, up to two weeks. The provisional counts for COVID-19 deaths are based on a current flow of mortality data in the National Vital Statistics System. Death counts for earlier weeks are continually revised and may increase or decrease as new and updated death certificate data are received from states.

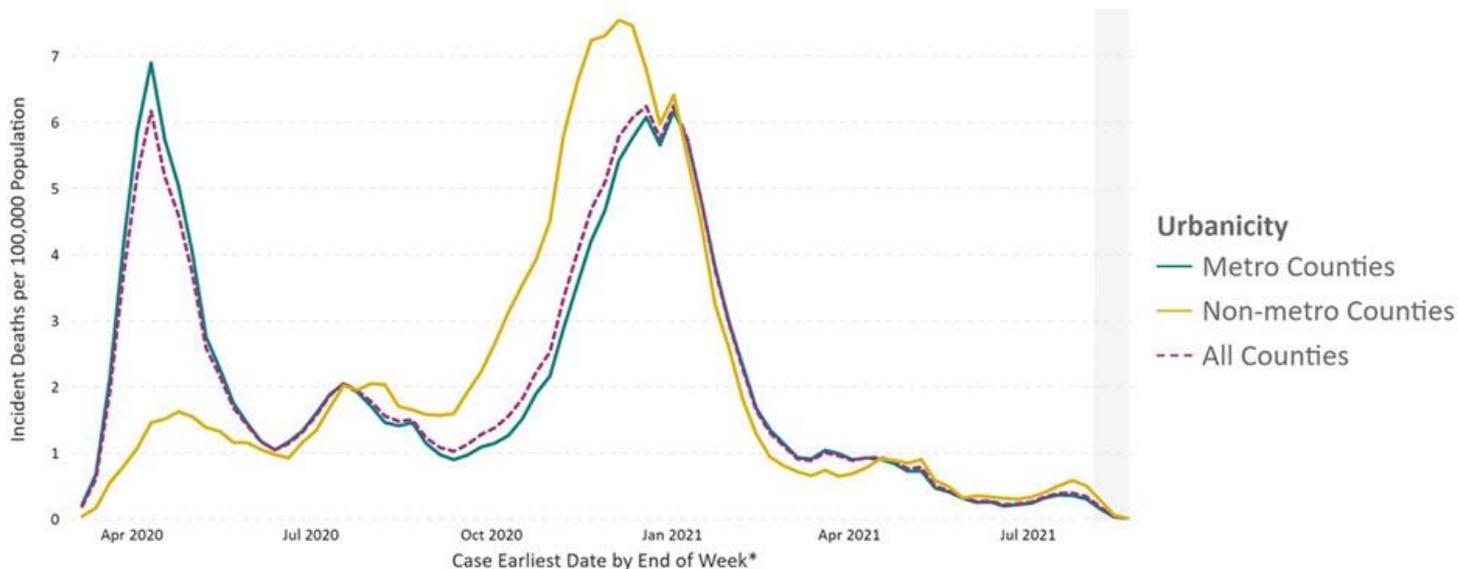
Last Updated: Aug 19, 2021

Sources: CDC National Center for Health Statistics - Provisional Weekly Deaths by Region, Race, Age, 2019 US Census Population Estimate; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

### COVID-19 Weekly Deaths per 100,000 Population by Urbanicity, United States



March 01, 2020 - August 21, 2021\*

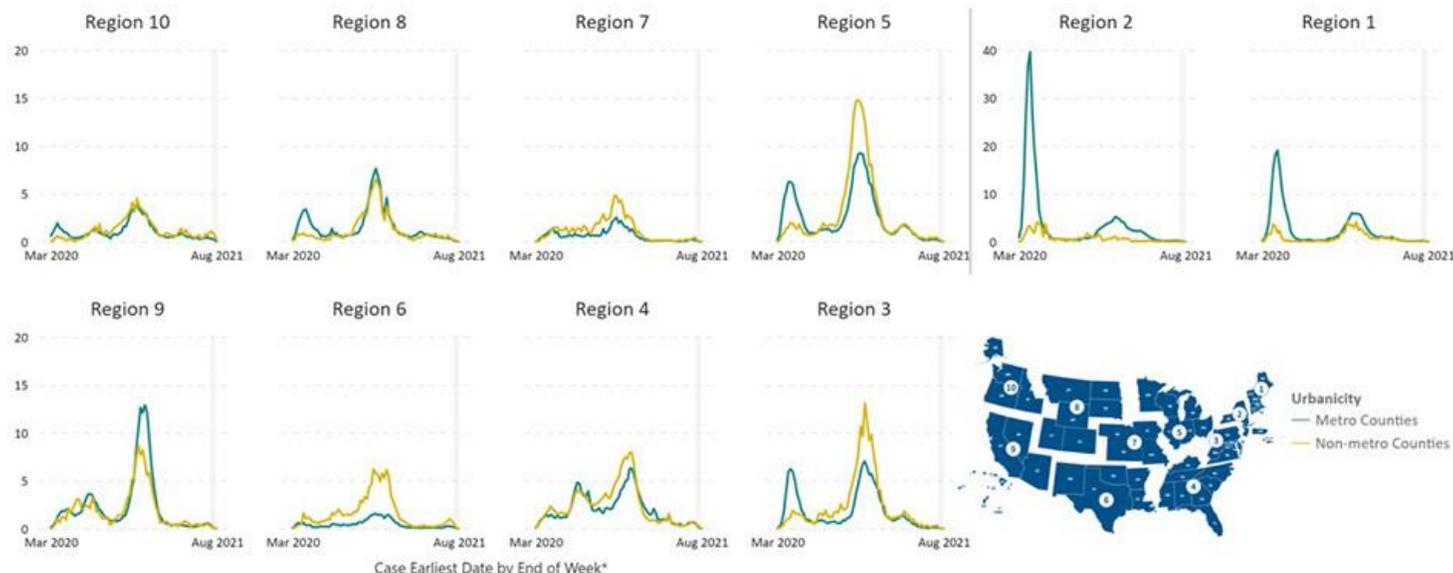


US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of deaths among reported cases - 1.75%. Percentage of deaths reporting urbanicity by date - 98.79%  
 US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars. The rate for "All Counties" includes records that do not indicate urbanicity.  
 \*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC.  
 Last Updated: Aug 17, 2021 Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

### COVID-19 Weekly Deaths per 100,000 Population by Urbanicity per HHS Region, United States



March 01, 2020 - August 21, 2021

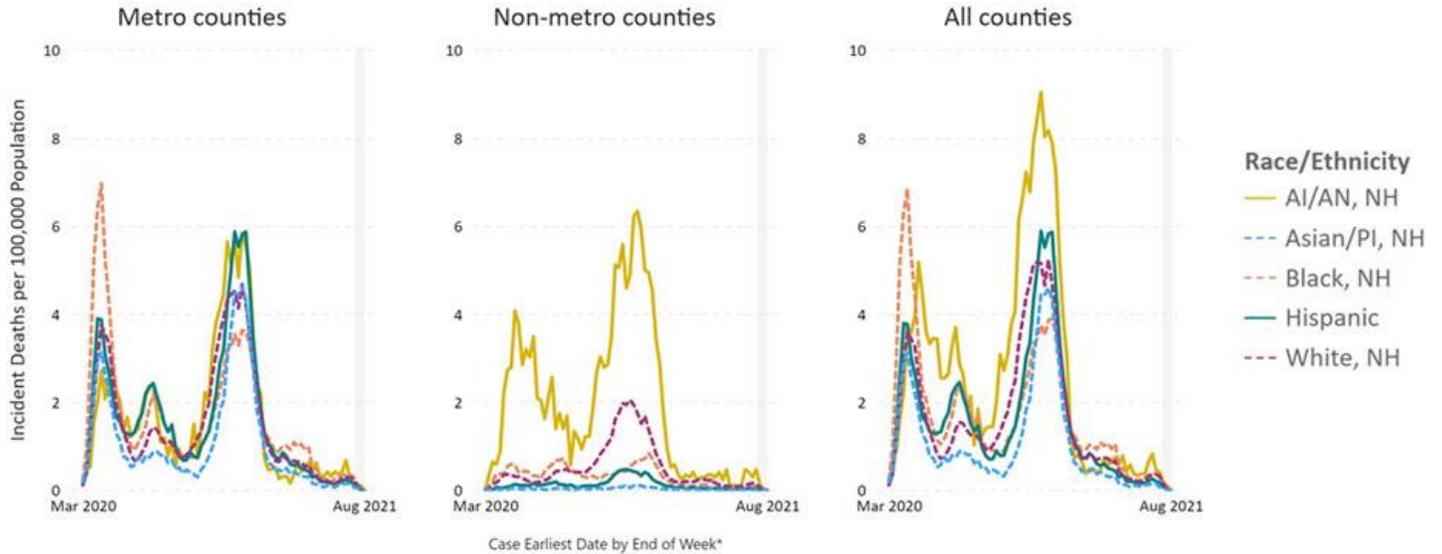


US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of deaths among reported cases - 1.75%. Percentage of deaths reporting urbanicity by date - 98.79%  
 US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars.  
 \*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC. Regions 1 & 2 are shown on an increased scale.  
 Last Updated: Aug 17, 2021 Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

### COVID-19 Weekly Deaths per 100,000 Population by Race per Urbanicity, United States



March 01, 2020 - August 21, 2021

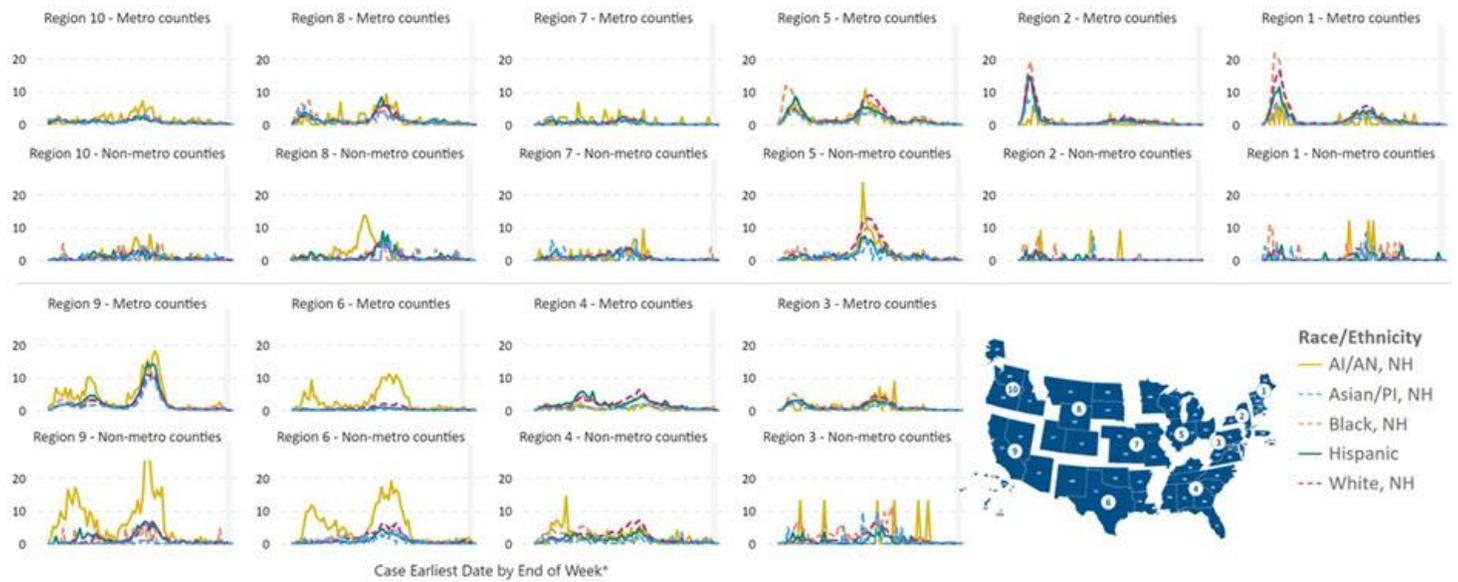


US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of deaths among reported cases - 1.75%. Percentage of deaths reporting race and urbanicity by date - 79.71%. US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars. \*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC. Last Updated: Aug 17, 2021. Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

### COVID-19 Weekly Deaths per 100,000 Population by Race/Ethnicity per Urbanicity & HHS Region, United States



March 01, 2020 - August 21, 2021

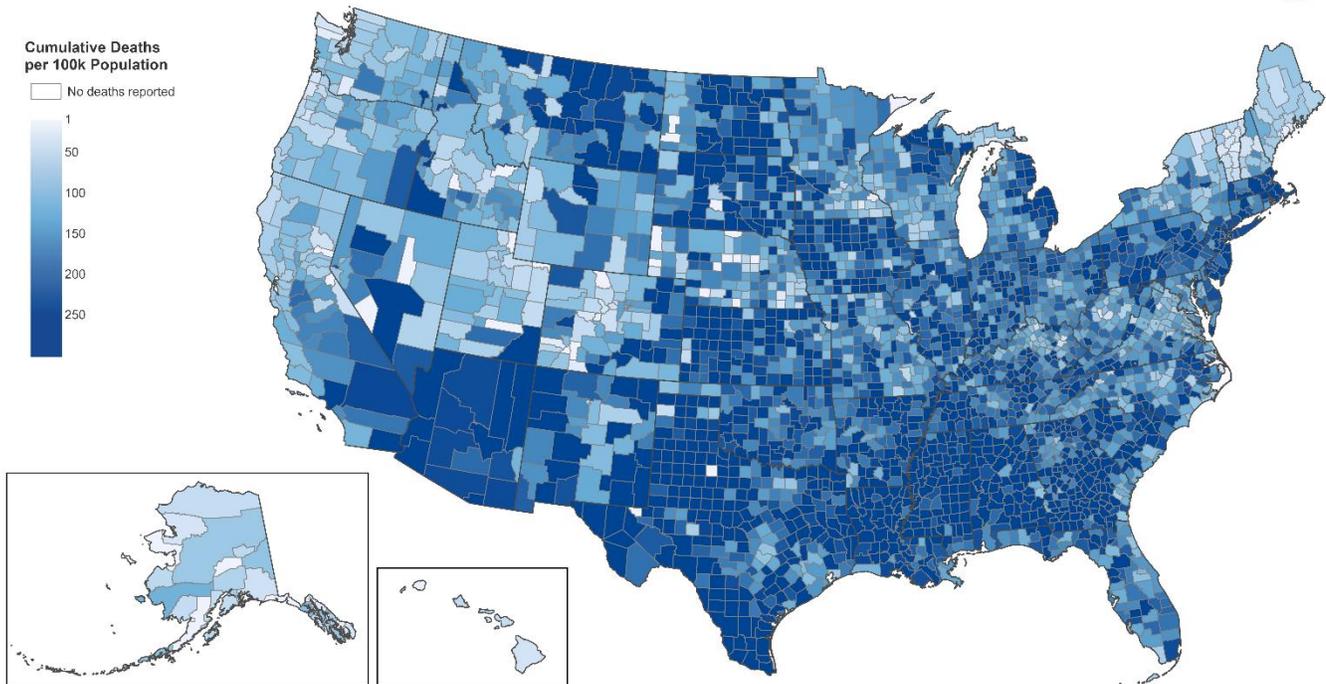
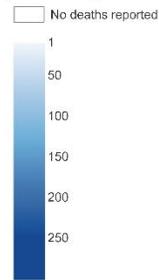


US: The most recent line level case record was reported during the week ending on Aug 21, 2021. Percentage of deaths among reported cases - 1.75%. Percentage of deaths reporting race and urbanicity by date - 79.71%. US territories are included in case and death counts but not in population counts. Potential two-week delay in case reporting to CDC denoted by gray bars. \*Case Earliest Date is the earliest of the clinical date (related to illness or specimen collection and chosen by a defined hierarchy) and the Date Received by CDC. Last Updated: Aug 17, 2021. Source: CDC COVID-19 Case Line-Level Data, 2019 US Census, HHS Protect; Visualization: Data, Analytics & Visualization Task Force and CDC CPR DEO Situational Awareness Public Health Science Team

### Cumulative Number of COVID-19 Deaths per 100,000 Population by County January 22, 2020 – August 21, 2021



Cumulative Deaths per 100k Population



Updated Aug 23, 2021, 08:00

Data sources: HHS Protect; US Census Bureau 2019 Population Estimates

CDC/CPR/DEO Situational Awareness Branch

## COVID-19 Testing

### Daily SARS-CoV-2 NAAT Percent Test Positivity and Test Volume, United States March 01, 2020 – August 20, 2021



**512,630,734**

Total Test Volume

**1,136,286**

Current 7-Day Avg. Daily Test Volume

Aug 10, 2021 – Aug 16, 2021

**1,120,383**

Prior 7-Day Avg. Daily Test Volume

Aug 03, 2021 – Aug 09, 2021

**1.4%**

Percent Change in 7-Day Avg.

**9.6%**

Current 7-Day Avg. % Positivity

Aug 14, 2021 – Aug 20, 2021

**10.2%**

Prior 7-Day Avg. % Positivity

Aug 07, 2021 – Aug 13, 2021

**-6.2%**

Percent Change in 7-Day Avg.

**-0.63**

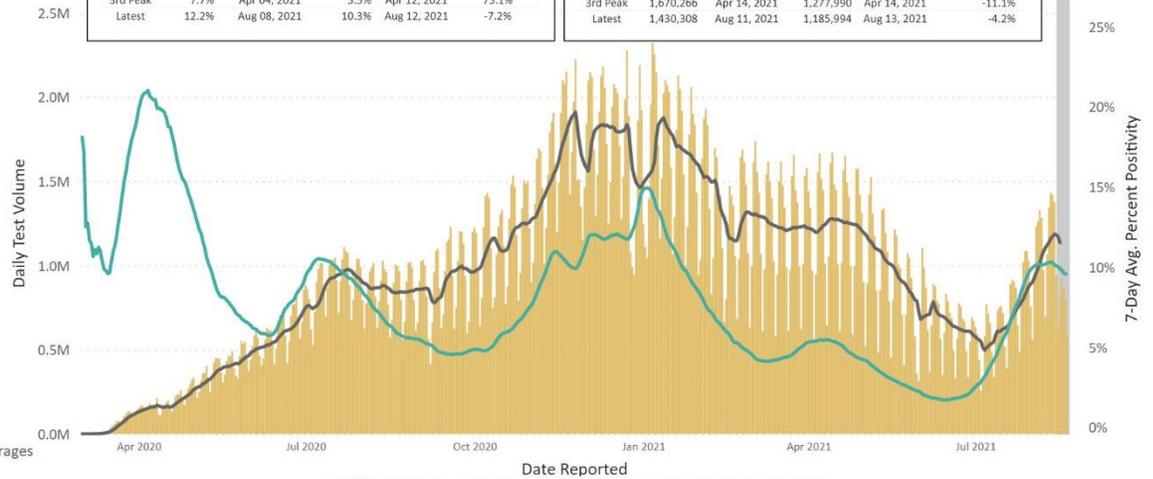
Percentage Point Difference in 7-Day Averages

#### Peaks in Single Day and 7-Day Average Percent Positivity

Peak	Single Day			7-Day Average			% Change vs. Current 7-Day Average
	% Positivity	Date	% Positivity	Date	% Change vs. Current 7-Day Average		
1st Peak	11.2%	Jul 05, 2020	10.5%	Jul 08, 2020	-8.9%		
2nd Peak	15.9%	Jan 03, 2021	14.9%	Jan 03, 2021	-35.9%		
3rd Peak	7.7%	Apr 04, 2021	5.5%	Apr 12, 2021	75.1%		
Latest	12.2%	Aug 08, 2021	10.3%	Aug 12, 2021	-7.2%		

#### Peaks in Single Day and 7-Day Average Test Volume

Peak	Single Day			7-Day Average			% Change vs. Current 7-Day Average
	Test Vol	Date	Test Vol	Date	% Change vs. Current 7-Day Average		
1st Peak	1,109,780	Jul 22, 2020	977,746	Jul 24, 2020	16.2%		
2nd Peak	2,320,714	Jan 06, 2021	1,910,722	Nov 25, 2020	-40.5%		
3rd Peak	1,670,266	Apr 14, 2021	1,277,990	Apr 14, 2021	-11.1%		
Latest	1,430,308	Aug 11, 2021	1,185,994	Aug 13, 2021	-4.2%		

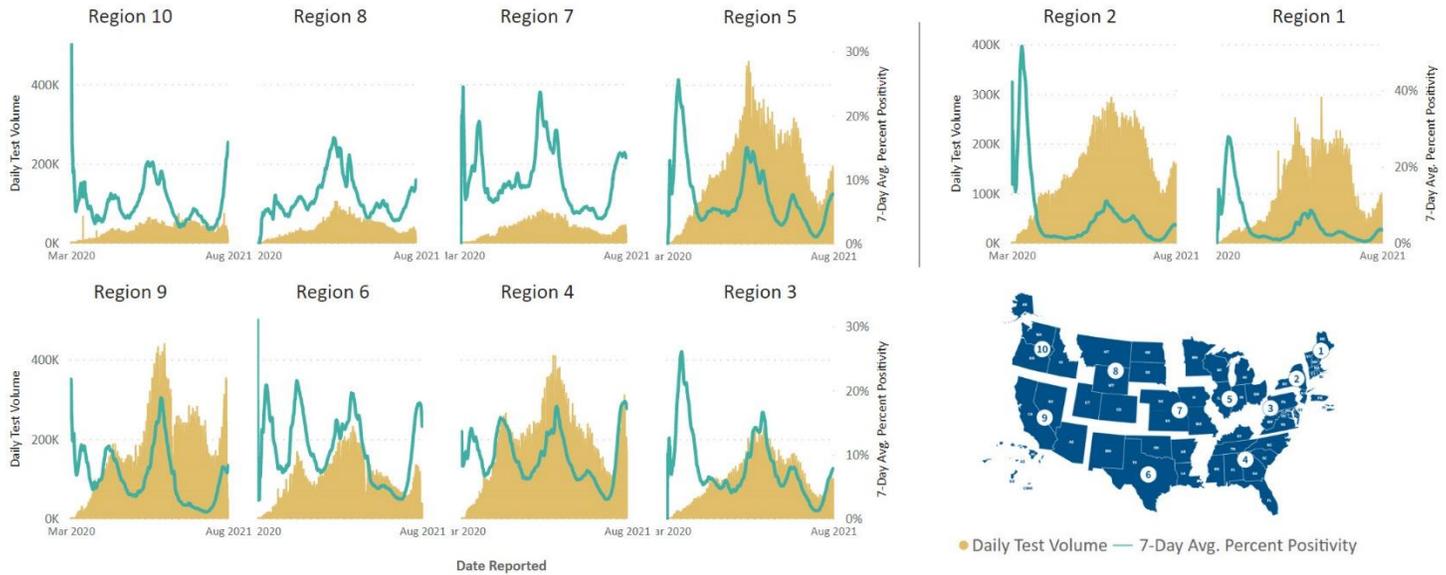


Data (shaded) for the most recent four days may be incomplete. 7-day average test volume line ends before the gray shaded area to reduce the influence of incomplete data in the most recent four days. A nucleic acid amplification test (NAAT) remains the "gold standard" for clinical diagnostic detection of SARS-CoV-2 and includes viral testing such as real-time reverse transcription polymerase chain reaction (RT-PCR).

Last Updated: Aug 23, 2021, 08:46

HHS Protect Unified Laboratory Testing Dataset; Data, Analytics, & Visualization Task Force; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

### Daily SARS-CoV-2 NAAT Percent Test Positivity and Test Volume by HHS Region, United States March 01, 2020 – August 20, 2021

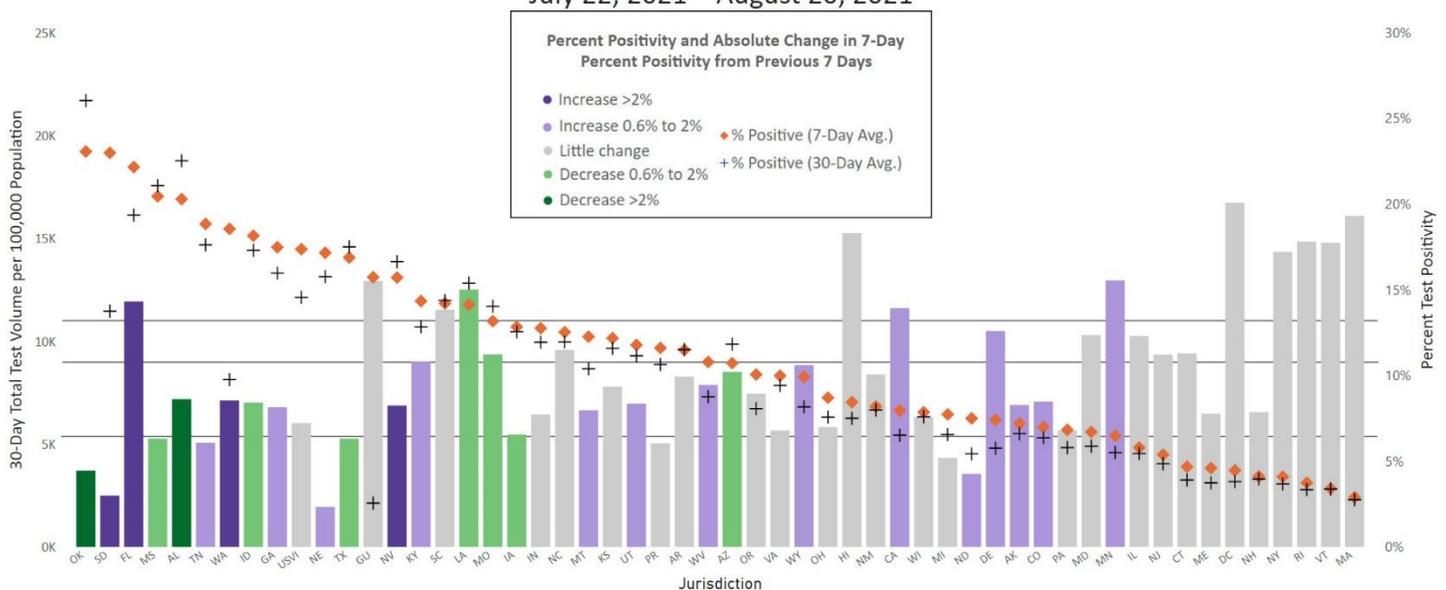


NAAT remains the "gold standard" for clinical diagnostic detection of SARS-COV-2 and includes viral testing such as real-time reverse transcription polymerase chain reaction (RT-PCR). Data for the most recent four days may be incomplete and should be interpreted with caution. Regions 1 and 2 are shown on a different scale than Regions 3-10. Data unavailable for American Samoa, Commonwealth of Northern Mariana Islands, Palau, and Federated States of Micronesia.

Last Updated: Aug 23, 2021, 08:46

HHS Protect Unified Laboratory Testing Dataset; Data, Analytics, & Visualization Task Force; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

### SARS-CoV-2 NAAT Test Volume per 100,000 Population, Percent Test Positivity, and Comparison to Previous Week by Jurisdiction, United States July 22, 2021 – August 20, 2021



A nucleic acid amplification test (NAAT) remains the "gold standard" for clinical diagnostic detection of SARS-COV-2 and includes viral testing such as real-time reverse transcription polymerase chain reaction (RT-PCR). Gray horizontal lines at 5%, 8%, and 10% positivity align with the Level of Community Transmission indicator for percentage of positive diagnostic and screening nucleic acid amplification tests (NAAT) during the last 7 days, where cumulative NAAT percent test positivity <5% is low, 5% – <8% is moderate, 8% – <10% is substantial, and ≥10% is high. Data for the most recent four days may be incomplete and should be interpreted with caution. Data are unavailable for AS, CNMI, FSM, PW, and RMI.

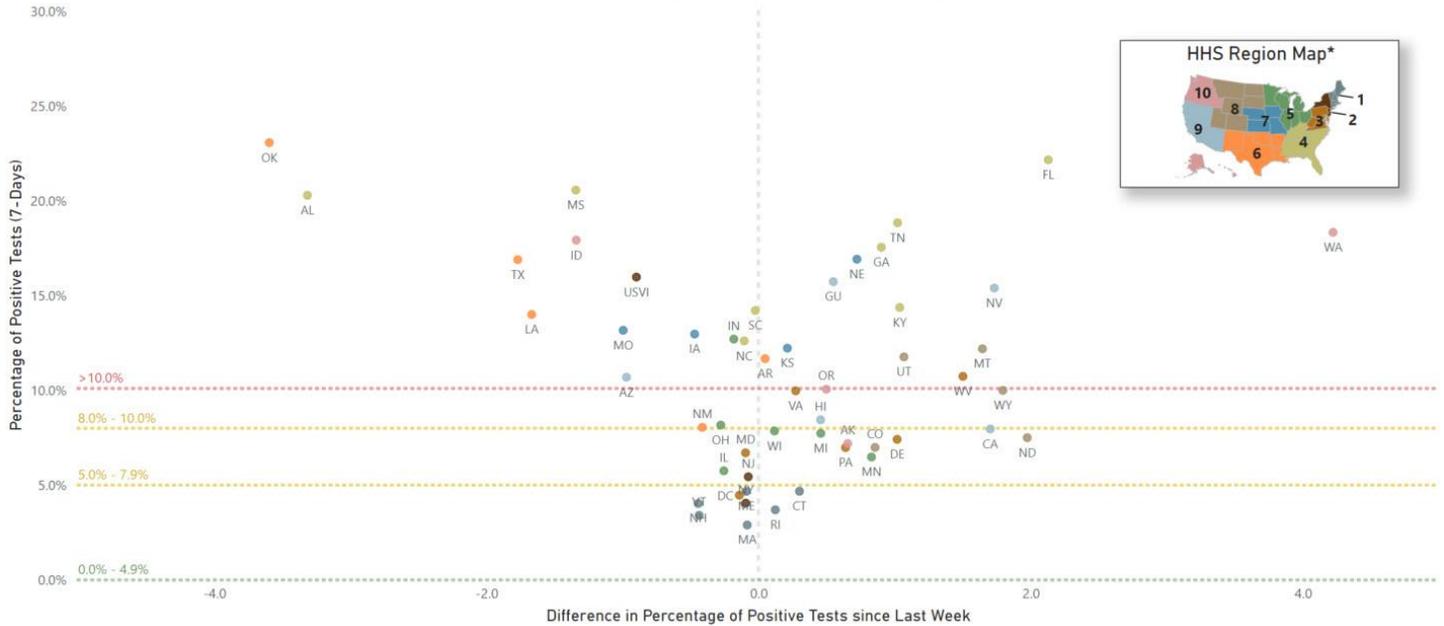
Last Updated: Aug 23, 2021, 08:46

HHS Protect Unified Laboratory Testing Dataset; Data, Analytics, & Visualization Task Force; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

## Percentage of Positive SARS-CoV-2 Tests in the Past 7 Days & 7-Day Difference



Aug 07 - Aug 13, 2021 to Aug 14 - Aug 20, 2021



Thresholds for community transmission levels of SARS-CoV-2 measured by percentage of positive SARS-CoV-2 tests in the past 7 days: low (<5.0%), moderate (5.0%-7.9%), substantial (8.0%-10.0%), high (>10.0%)  
 \* Includes data for Puerto Rico (HHS Region 2) and Guam (HHS Region 9). Data for PR not shown due to lack of recent reporting.

Last Updated: Aug 23, 2021, 12:20

Data Source: HHS Protect Unified Laboratory Testing Dataset; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

## 30-Day Histograms of SARS-CoV-2 NAAT Percent Positivity 7-Day Moving Averages



July 22, 2021 – August 20, 2021



Data from the unified dataset (a combination of CELR line-level, CELR aggregate, and federal direct report data feeds). Jurisdictions with out-of-date data are featured in Gray. Percent change in average 7-day percent positivity compared to previous 7 days is only shown for jurisdictions with moderate, substantial, or high percent positivity ( $\geq 5\%$ ). Trend was assessed using percent change. For example, a jurisdiction which decreased 1 percentage point from 10% positivity last week to 9% positivity this week has a -10% change in 7-day percent positivity.

Legend	Distribution of Jurisdictions	
SARS-CoV-2 average percent positivity for last 7 days (Color of histogram)	No. (46)	%
Very low: < 3%	1	2.2%
Low: 3% – 4.9%	6	13.0%
Moderate: 5% – 7.9%	10	21.7%
Substantial: 8% – 9.9%	5	10.9%
High: $\geq 10\%$	24	52.2%
Percent change in average 7-day percent positivity compared to previous 7 days	No. (39)	%
High decrease: $\leq -20\%$ change	0	0.0%
Moderate decrease: $> -20\%$ change and $< -10\%$ change	1	2.6%
Stable: $\geq -10\%$ change and $< 10\%$ change	28	71.8%
Moderate increase: $\geq 10\%$ change and $< 20\%$ change	8	20.5%
High increase: $\geq 20\%$ change	2	5.2%

Last Updated: Aug 23, 2021

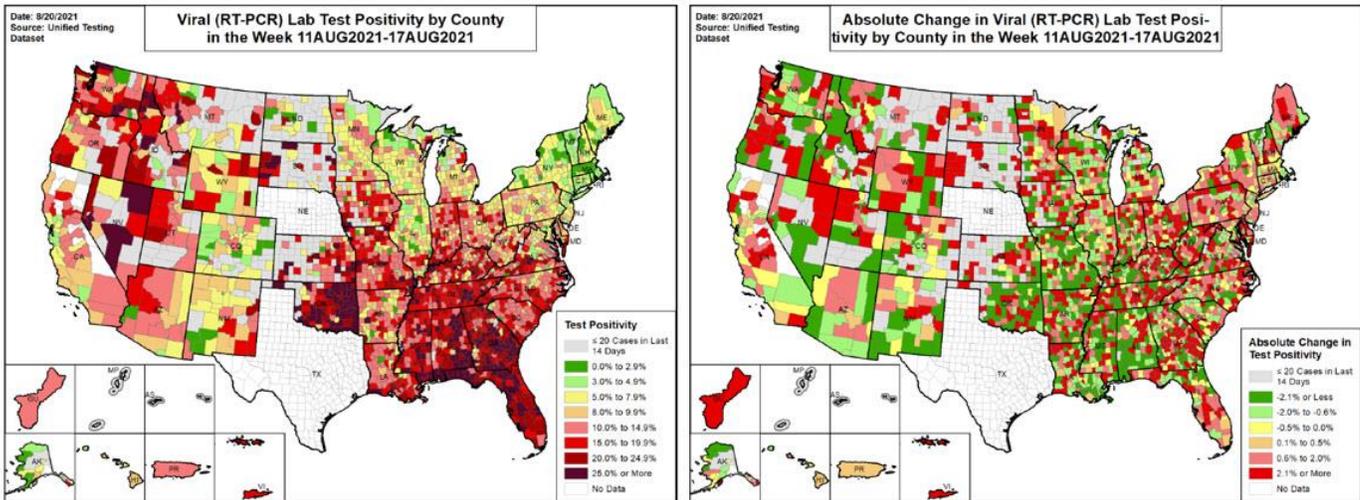
Data Source: HHS Protect Unified Laboratory Testing Dataset - Data, Analytics, & Visualization Task Force

Viral (RT-PCR) Lab Test Positivity in the Last 7 Days and Comparison to the Previous 7 Days by County



Viral (RT-PCR) Lab Test Positivity in Last 7 Days: 9.7%

Absolute Change from Previous 7 Days: -0.6%



TX testing data has at least 4 days with no or minimal reporting in the last week (by the data cutoff time for this report), which may result in missing values and inaccurate test positivity.

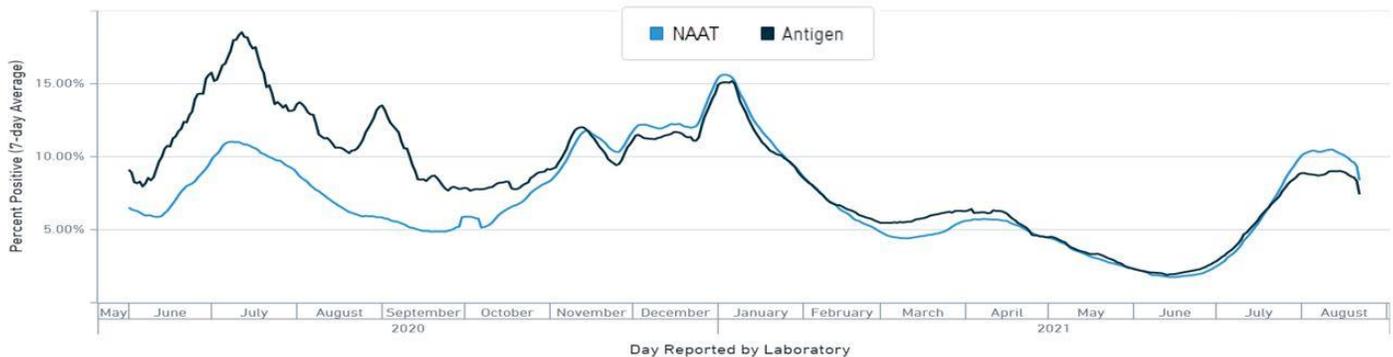
Last Updated: Aug 20, 2021

Source(s): Unified Testing Dataset; White House COVID-19 Team, Data Strategy and Execution Workgroup, Community Profile Report

SARS-CoV-2 Laboratory Test Results Comparison of Percent Test Positivity: NAAT and Antigen Testing



June 01, 2020 – August 22, 2021

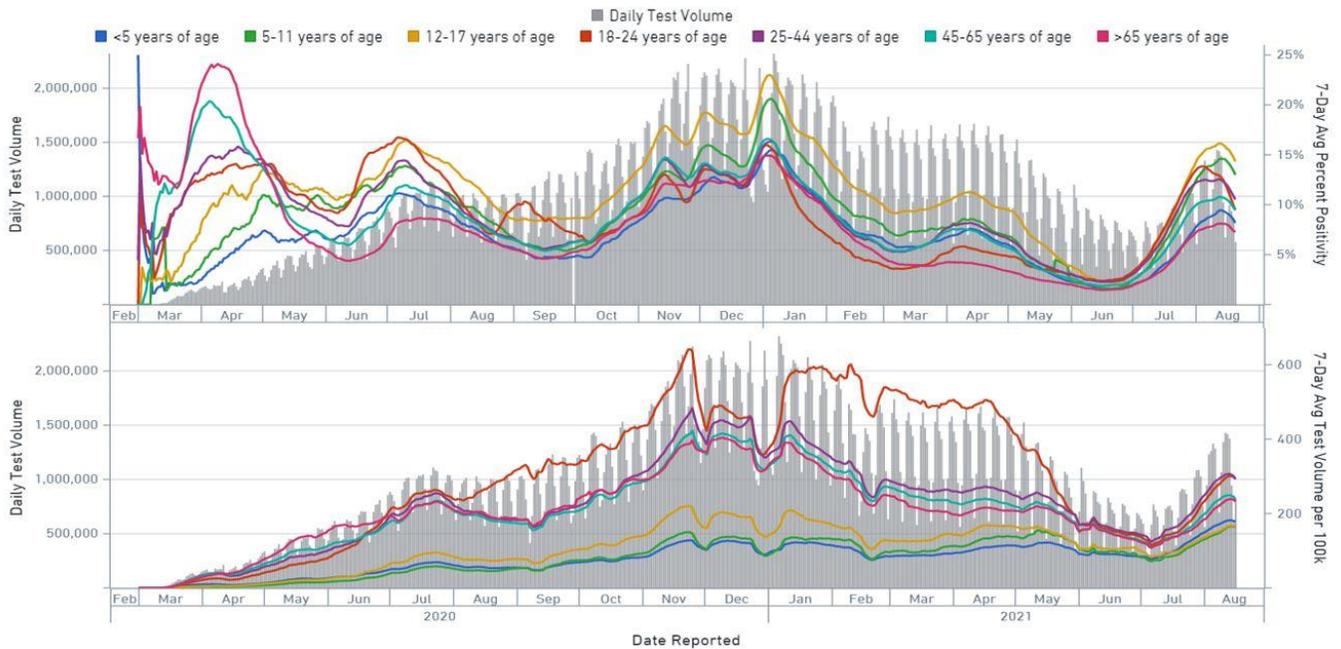


Due to reporting lags, data for the most recent four days may be underrepresented. Data from 8 jurisdictions are currently under validation and have been excluded: ME, MO, OK, OH, PR, USVI, WA, and WY.

Data Source: HHS Protect Unified Laboratory Testing Dataset Data, Analytics, & Visualization Task Force

Last Updated Aug 23, 2021

### Viral (NAAT) Lab Test Positivity by Age Group, Test Volume by Age Group, and Total Test Volume March 01, 2020 – August 20, 2021

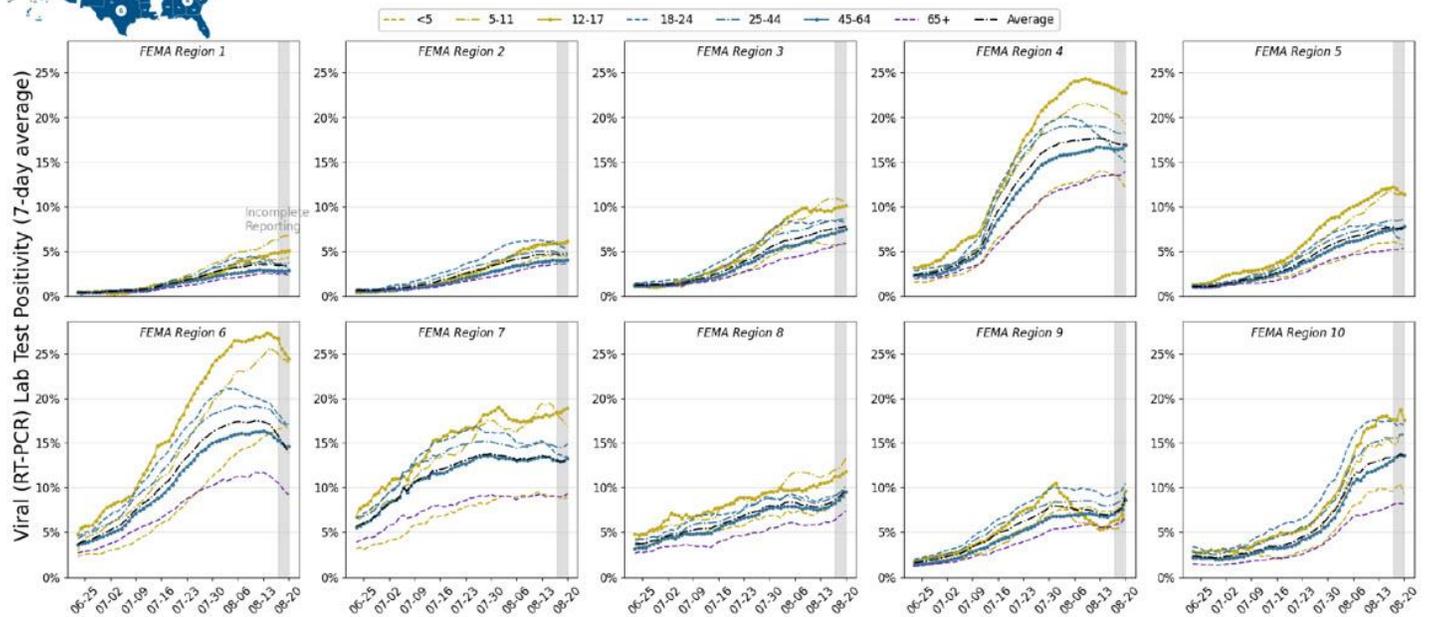


Test positivity data from September 30, 2020, has been excluded due to invalid data submission from one jurisdiction. The test volume graph (bottom) contains data through four days before the maximum date listed in the title; this larger time lag is to allow more time for tests to be backfilled. Last Updated: Aug 23, 2021.

Data Source: HHS Protect Unified Laboratory Testing Dataset Data, Analytics, & Visualization Task Force



### Trends in Viral (RT-PCR) Lab Test Positivity by Age Group and Region June 25, 2021 – August 20, 2021



Last Updated: Aug 20, 2021

Source(s): COVID-19 Electronic Lab Reporting (CELR) and Federal Direct Report Testing Data White House COVID-19 Team, Data Strategy and Execution Workgroup, Community Profile Report

# COVID-19 Case, Death, and Laboratory Testing Overview By Jurisdiction, United States

DATA AS OF  
Aug 20, 2021

CDC/CPR/DEO Situational Awareness Branch Data: HHS Protect

Laboratory testing data for previous days may be updated retrospectively by states as it becomes available. Lab data unavailable for American Samoa, Commonwealth of Northern Marianas Islands, Guam, Palau, and Federated States of Micronesia. ^ Value for 7-Day moving average. \*Calculation for omitted where the number of total new tests was less than five.

State	Cases/100K	Deaths/100K	Total Tests	Tot. Tests/100K	New Tests^	New Tests/100K^	Total Pos Tests	New Pos Tests^	% Total Pos Tests	% New Pos Tests^*	State	Cases/100K	Deaths/100K	Total Tests	Tot. Tests/100K	New Tests^	New Tests/100K^	Total Pos Tests	New Pos Tests^	% Total Pos Tests	% New Pos Tests^*
AK	10,777.7	55.1	2,629,934	359,504.1	1,562	213.5	118,076	112	4.5%	7.2%	NY	10,886.5	180.7	51,882,514	266,699.3	106,492	547.4	2,507,912	4,360	4.8%	4.1%
AL	13,453.2	244.7	5,208,911	106,235.3	12,693	258.9	643,305	2,575	12.4%	20.3%	TX	11,884.6	187.2	30,163,968	104,028.5	835	2.9	3,588,397	141	11.9%	16.9%
AR	14,317.6	219.5	3,204,950	106,201.4	8,780	290.9	277,804	1,009	8.7%	11.5%	PA	9,853.2	219.1	16,450,882	128,502.5	29,274	228.7	1,298,584	2,000	7.9%	6.8%
AZ	13,659.1	358.4	9,148,464	125,687.9	23,669	325.2	1,005,711	2,538	11.0%	10.7%	NJ	12,018.8	202.2	16,074,837	180,978.3	22,993	258.9	1,064,139	1,237	6.6%	5.4%
CA	10,834.5	163.4	66,903,184	169,322.8	119,573	302.6	4,171,029	9,520	6.2%	8.0%	OH	10,054.7	177.0	14,224,828	121,693.1	30,424	260.3	1,023,379	2,649	7.2%	8.7%
CO	10,515.9	124.1	8,959,033	155,572.9	8,230	142.9	584,967	575	6.5%	7.0%	WI	12,291.9	143.9	10,354,002	177,829.4	7,723	132.6	774,512	607	7.5%	7.9%
CT	10,240.4	233.4	10,036,975	281,519.4	11,422	320.4	489,763	534	4.9%	4.7%	VA	8,649.9	137.1	9,057,806	106,119.0	18,395	215.5	1,004,478	1,838	11.1%	10.0%
DE	12,001.3	193.4	2,317,296	237,973.1	3,871	397.5	133,084	287	5.7%	7.4%	TN	14,609.3	194.6	7,706,393	112,845.2	12,825	187.8	865,253	2,416	11.2%	18.8%
FL	14,320.0	200.5	35,060,891	163,242.9	25,185	117.3	3,530,966	5,580	10.1%	22.2%	WA	7,012.8	84.3	7,321,596	96,148.4	8,889	116.7	385,976	1,649	5.3%	18.6%
GA	12,425.4	211.0	9,715,021	91,500.7	27,523	259.2	972,526	4,811	10.0%	17.5%	SC	13,406.7	201.4	7,286,438	141,519.6	23,767	461.6	725,271	3,377	10.0%	14.2%
HI	3,688.9	39.4	1,993,043	140,764.3	7,062	498.7	60,233	597	3.0%	8.4%	VT	14,287.9	81.4	4,654,121	145,171.0	7,979	248.9	543,492	940	11.7%	11.8%
IA	12,520.6	197.3	3,886,393	123,179.3	6,819	216.1	398,728	875	10.3%	12.8%	OR	6,036.6	71.9	4,371,693	103,650.2	6,507	154.3	234,962	655	5.4%	10.1%
ID	12,138.8	130.1	1,844,873	103,234.8	4,779	267.4	257,645	868	14.0%	16.2%	RI	15,105.2	205.1	3,991,470	376,780.9	6,529	616.3	187,857	244	4.7%	3.7%
IL	11,634.6	205.8	23,304,588	183,908.8	50,501	398.5	1,459,177	2,926	6.3%	5.8%	NV	12,480.3	207.0	3,845,846	124,858.8	7,462	242.2	501,144	1,173	13.0%	15.7%
IN	12,211.1	212.6	9,433,901	140,130.6	21,437	318.4	902,802	2,736	9.6%	12.8%	NM	10,680.2	213.4	3,434,845	163,811.4	7,970	380.1	345,238	653	10.1%	8.2%
KS	12,229.6	188.7	3,461,499	118,816.5	7,171	246.1	333,726	873	9.6%	12.2%	WV	9,831.1	166.6	3,060,614	170,779.2	6,607	368.7	212,164	713	6.9%	10.8%
KY	11,960.2	168.2	5,228,137	117,021.5	19,225	430.3	561,080	2,758	10.7%	14.3%	OK	13,374.4	196.9	2,610,166	65,963.7	2,402	60.7	528,224	554	20.2%	23.1%
LA	13,946.7	253.4	7,682,404	165,255.8	16,424	353.3	642,205	2,322	8.4%	14.1%	NH	7,709.1	103.0	2,242,825	164,948.7	2,861	210.4	86,766	118	3.9%	4.1%
MA	10,775.4	263.3	25,258,789	366,467.6	39,337	570.7	828,716	1,141	3.3%	2.9%	NE	12,310.0	119.3	2,153,545	111,328.4	1,400	72.4	269,009	240	12.5%	17.2%
MD	8,042.4	164.5	12,561,235	207,772.1	20,847	344.8	993,898	1,397	7.9%	6.7%	ND	3,984.5	41.5	1,932,859	309,758.5	4,239	679.4	38,521	145	2.0%	3.4%
ME	5,503.0	69.0	2,514,952	187,094.9	3,665	272.6	66,617	168	2.6%	4.6%	VT	15,089.3	204.1	1,708,705	224,221.3	747	98.0	101,656	56	5.9%	7.5%
MI	10,411.0	214.0	15,198,725	152,187.3	8,755	87.7	1,122,505	677	4.4%	7.7%	WY	12,232.4	140.0	891,739	154,077.8	2,123	366.8	59,138	211	6.6%	9.9%
MN	11,291.0	140.0	13,791,312	244,542.8	28,288	501.6	942,278	1,834	6.8%	6.5%	SD	14,342.0	233.2	689,633	77,954.7	611	69.1	74,322	141	10.8%	23.0%
MO	12,016.6	166.5	7,229,475	117,793.2	16,478	268.5	786,704	2,170	10.9%	13.2%	DC	7,593.7	164.4	2,242,666	317,771.0	2,430	344.3	74,817	109	3.3%	4.5%
MS	13,602.7	267.6	1,651,700	55,497.9	7,149	240.2	197,637	1,462	12.0%	20.4%	PR	5,105.5	85.3	1,328,707	41,604.1	5,909	185.0	96,088	686	7.2%	11.6%
MT	11,514.4	165.2	1,352,142	126,512.9	2,731	255.5	153,625	335	11.4%	12.3%	GU	5,636.2	86.9	141,299	85,239.0	239	144.0	8,909	38	6.3%	15.7%
NC	11,026.0	135.4	13,364,290	127,423.6	41,320	394.0	1,140,204	5,178	8.5%	12.5%											

This table also summarizes official CDC US case counts for COVID-19, reviewed and validated by states and territories, posted daily on the CDC COVID-19 webpage (<https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/cases-in-us.html>).

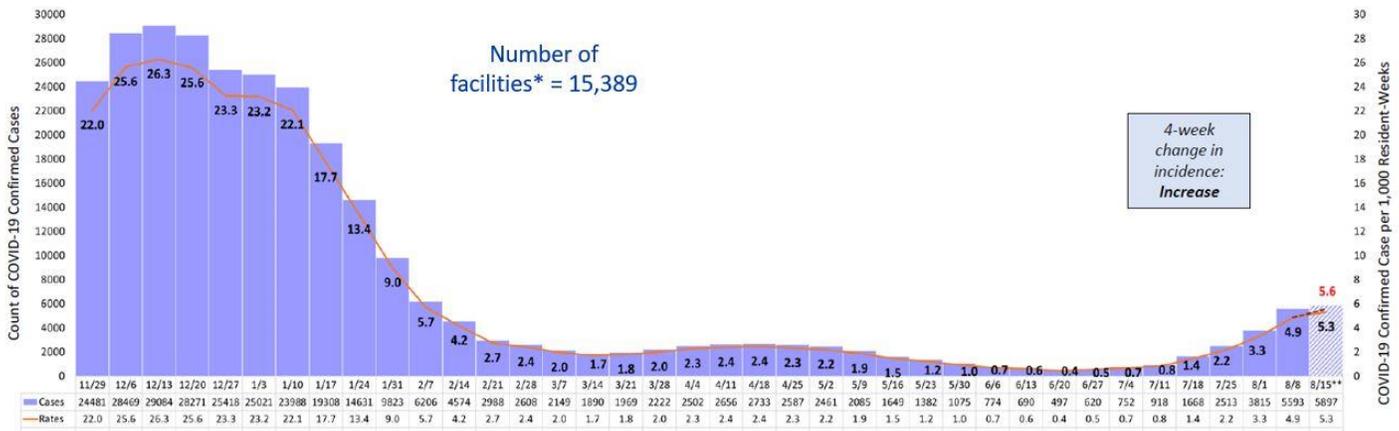
Last Updated: Aug 23, 2021, 12:20

Data Source: CDC Case Surveillance, state-level aggregated COVID-19 Cases, HHS Protect; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

## Cases and Deaths in Skilled Nursing Facilities (SNFs)

### COVID-19 Cases Among Staff^ in Skilled Nursing Facilities (SNF)

November 22, 2020 – August 15, 2021



**4-Wk Change Definition** (apply to the last 4 weeks after excluding the most recent week to account for lag in facilities reporting)  
**Increase:** meet both: (1) rate for week 4 was greater than week 1; (2) at least two out of three paired consecutive rate comparisons showed a significant increase.  
**Decrease:** meet both: (1) rate for week 4 was lower than week 1; (2) at least two out of three paired consecutive rate comparisons showed a significant decrease.  
 Note: Mid-p (1-tailed) method was used to test a statistical significance

**Inferred Data:** For the purpose of best epidemiological understanding, data that fail quality checks or appear inconsistent with surveillance protocols are assigned a value based on their patterns of data-entry or excluded.

\*Number of facilities reporting may vary from week to week.  
 \*\*Patterned fill represents data is likely still accruing, all data can be modified week-to-week by facilities.

**CONFIRMED CASES Definition** (As of Nov 23rd)  
 Total Confirmed COVID-19 cases (computed variable) = (Total positive tests – Ag positive test and PCR negative confirmatory test)

**Dashed line and red number** indicate the projected trajectory and are being shown to address any lag in facilities updating data

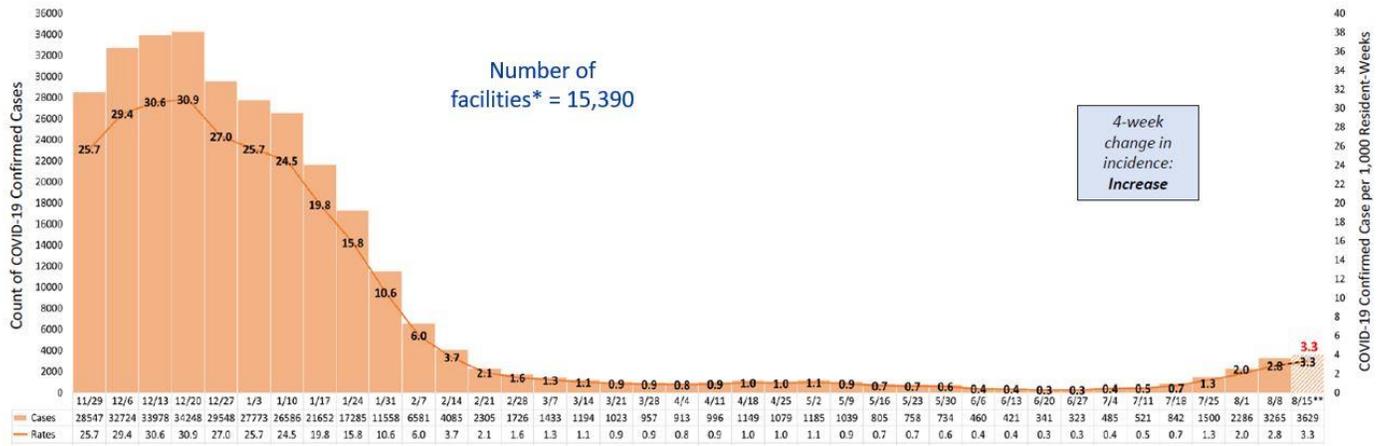
^ Staff may work at multiple facilities and therefore be reported for each of their facilities

Last Updated: Aug 16, 2021

CDC COVID-19 Healthcare Systems and Worker Safety Task Force

### COVID-19 Cases Among Residents in Skilled Nursing Facilities (SNF)

November 22, 2020 – August 15, 2021



**4-Wk Change Definition** (apply to the last 4 weeks after excluding the most recent week to account for lag in facilities reporting)  
**Increase:** meet both: (1) rate for week 4 was greater than week 1; (2) at least two out of three paired consecutive rate comparisons showed a significant increase.  
**Decrease:** meet both: (1) rate for week 4 was lower than week 1; (2) at least two out of three paired consecutive rate comparisons showed a significant decrease.  
 Note: Mid-p (1-tailed) method was used to test a statistical significance

**Inferred Data:** For the purpose of best epidemiological understanding, data that fail quality checks or appear inconsistent with surveillance protocols are assigned a value based on their patterns of data-entry or excluded.

\*Number of facilities reporting may vary from week to week.  
 \*\*Patterned fill represents data is likely still accruing, all data can be modified week-to-week by facilities.

**CONFIRMED CASES Definition** (As of Nov 23rd)  
 Total Confirmed COVID-19 cases (computed variable) = (Total positive tests – Ag positive test and PCR negative confirmatory test)

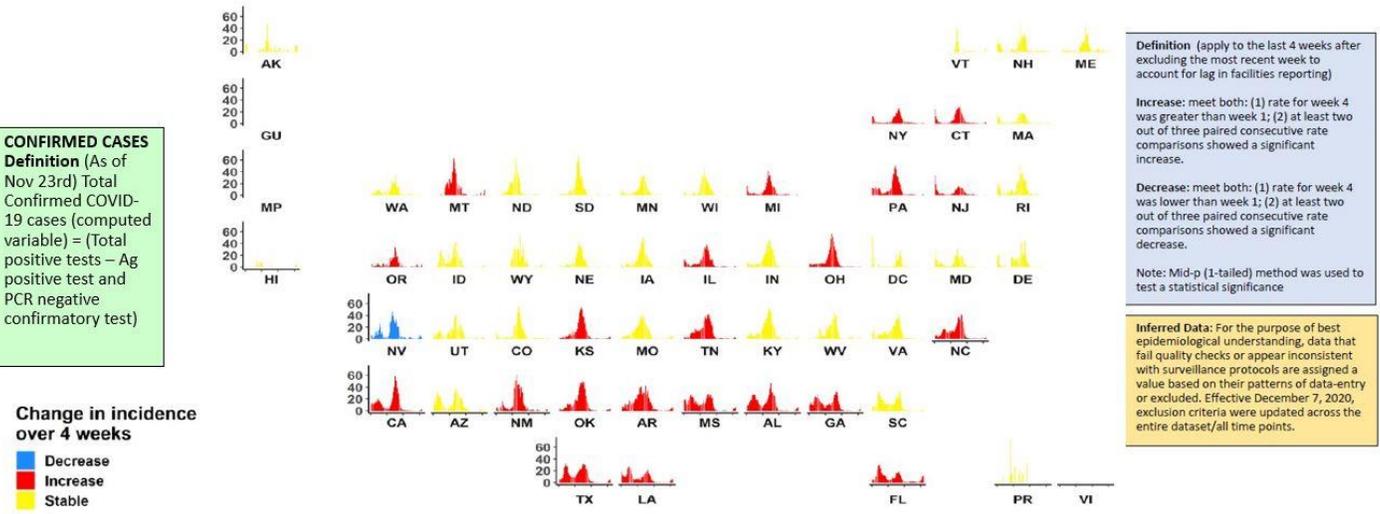
**Dashed line and red number** indicate the projected trajectory and are being shown to address any lag in facilities updating data

Last Updated: Aug 16, 2021

CDC COVID-19 Healthcare Systems and Worker Safety Task Force

### Change in Incidence Rates of Confirmed COVID-19 Cases Among Residents in Skilled Nursing Facilities

July 12, 2021 – August 15, 2021\*



\* Excluding the most recent week due to reporting lag

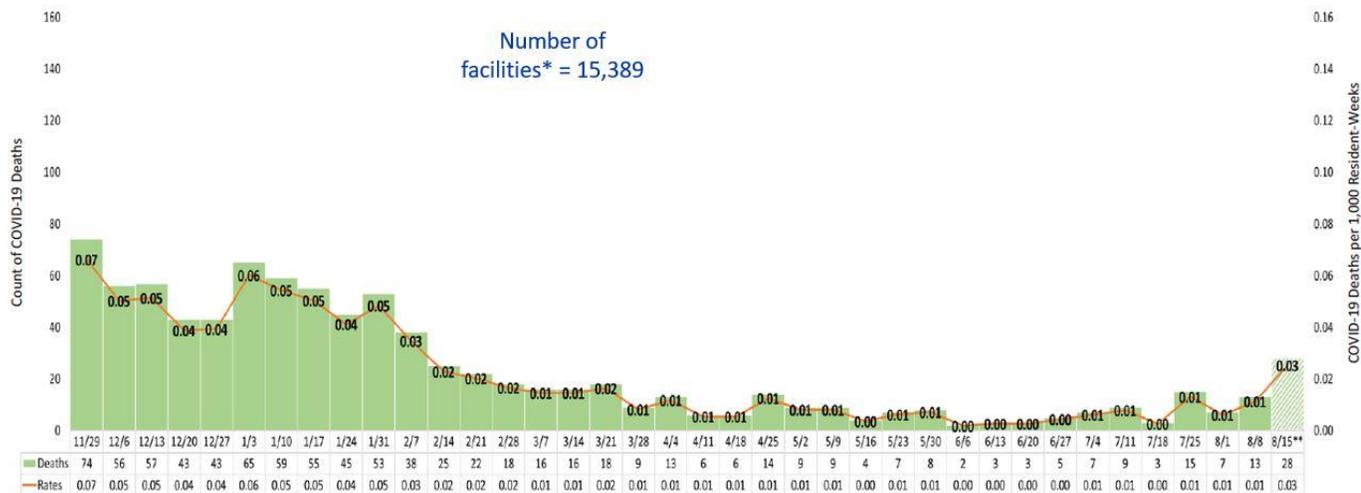
The methodology used to statistically identify 4-week rate trends differ from the methodology used for case surveillance trend analyses. States that have been labeled as "stable" do not denote "stable increasing" and "stable decreasing".

Last Updated: Aug 16, 2021

CDC COVID-19 Healthcare Systems and Worker Safety Task Force

### COVID-19 Deaths Among Staff in Skilled Nursing Facilities (SNF)

November 22, 2020 – August 15, 2021



Inferred Data: For the purpose of best epidemiological understanding, data that fail quality checks or appear inconsistent with surveillance protocols are assigned a value based on their patterns of data-entry or excluded. Effective December 7, 2020, exclusion criteria were updated across the entire dataset/all time points.

Last Updated: Aug 16, 2021

CDC COVID-19 Healthcare Systems and Worker Safety Task Force

### COVID-19 Deaths Among Residents in Skilled Nursing Facilities (SNF)

November 22, 2020 – August 15, 2021



4-week change in incidence: Stable

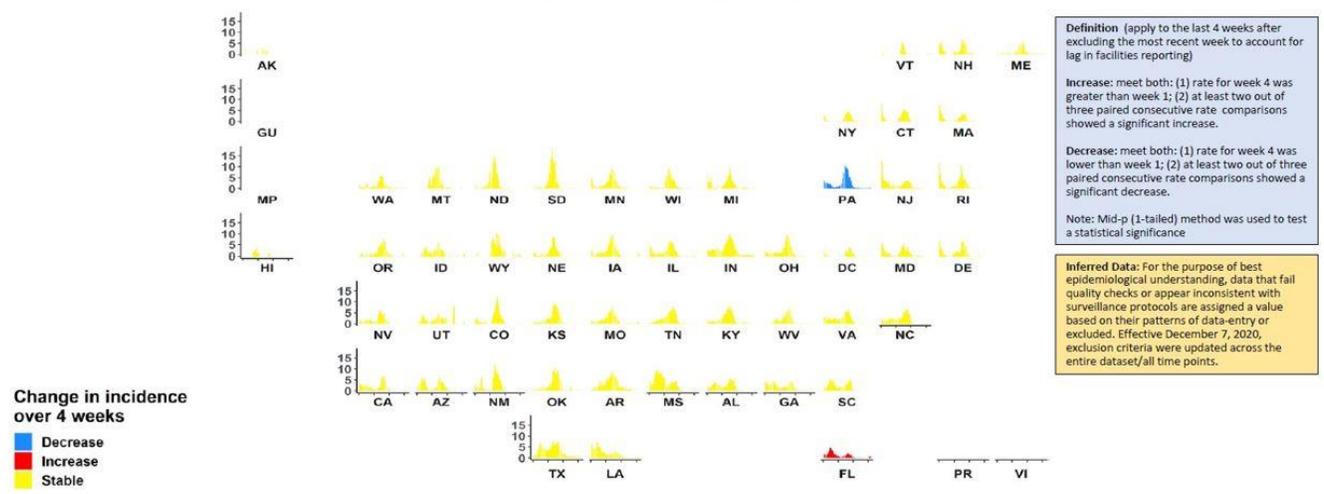
Inferred Data: For the purpose of best epidemiological understanding, data that fail quality checks or appear inconsistent with surveillance protocols are assigned a value based on their patterns of data-entry or excluded. Effective December 7, 2020, exclusion criteria were updated across the entire dataset/all time points.

Last Updated: Aug 16, 2021

CDC COVID-19 Healthcare Systems and Worker Safety Task Force

### Change in Incidence Rates of Confirmed COVID-19 Deaths Among Residents in Skilled Nursing Facilities

July 12, 2021 – August 15, 2021\*



**Definition** (apply to the last 4 weeks after excluding the most recent week to account for lag in facilities reporting)

**Increase:** meet both: (1) rate for week 4 was greater than week 1; (2) at least two out of three paired consecutive rate comparisons showed a significant increase.

**Decrease:** meet both: (1) rate for week 4 was lower than week 1; (2) at least two out of three paired consecutive rate comparisons showed a significant decrease.

Note: Mid-p (1-tailed) method was used to test a statistical significance

**Inferred Data:** For the purpose of best epidemiological understanding, data that fail quality checks or appear inconsistent with surveillance protocols are assigned a value based on their patterns of data-entry or excluded. Effective December 7, 2020, exclusion criteria were updated across the entire dataset/all time points.

**Change in incidence over 4 weeks**

- Decrease
- Increase
- Stable

\* Excluding the most recent week due to reporting lag

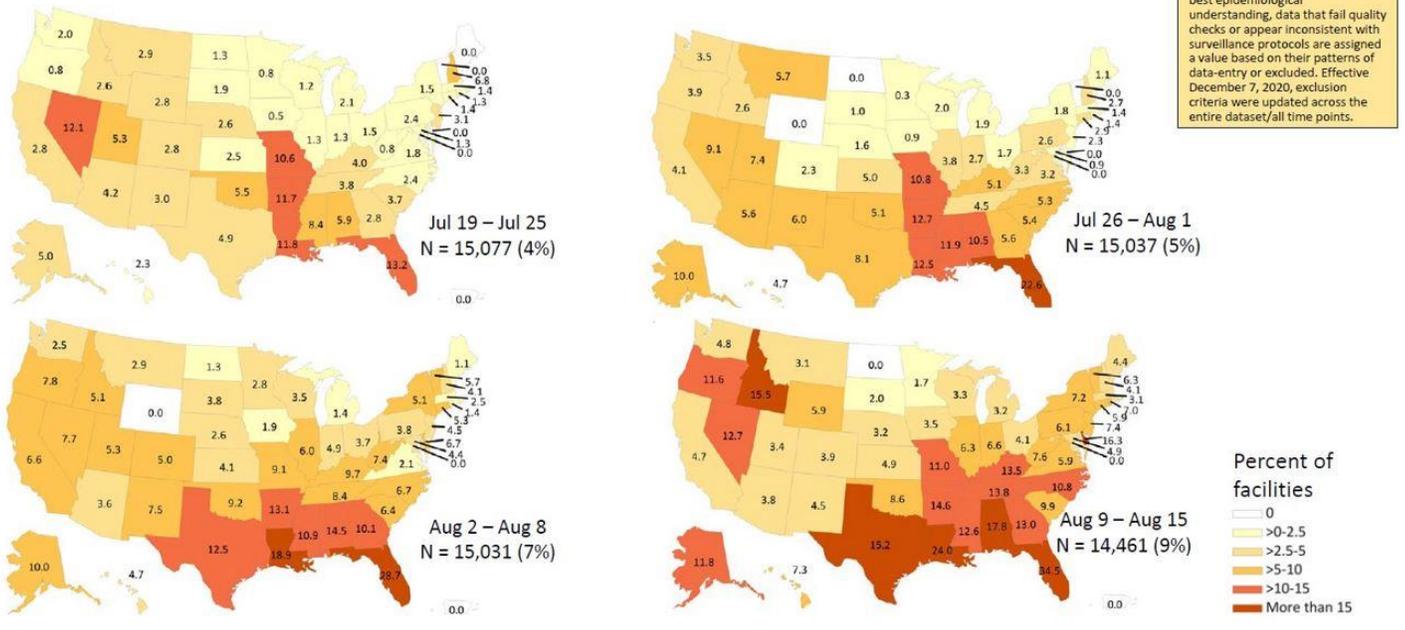
The methodology used to statistically identify 4-week rate trends differ from the methodology used for case surveillance trend analyses. States that have been labeled as "stable" do not denote "stable increasing" and "stable decreasing".

Last Updated: Aug 16, 2021

CDC COVID-19 Healthcare Systems and Worker Safety Task Force

### COVID-19 Cases Among Residents in Skilled Nursing Facilities (SNF) Percent of SNFs with ≥ 1 Confirmed Cases, Last 4 Weeks

July 05, 2021 – August 15, 2021



**Inferred Data:** For the purpose of best epidemiological understanding, data that fail quality checks or appear inconsistent with surveillance protocols are assigned a value based on their patterns of data-entry or excluded. Effective December 7, 2020, exclusion criteria were updated across the entire dataset/all time points.

Last Updated Aug 16, 2021

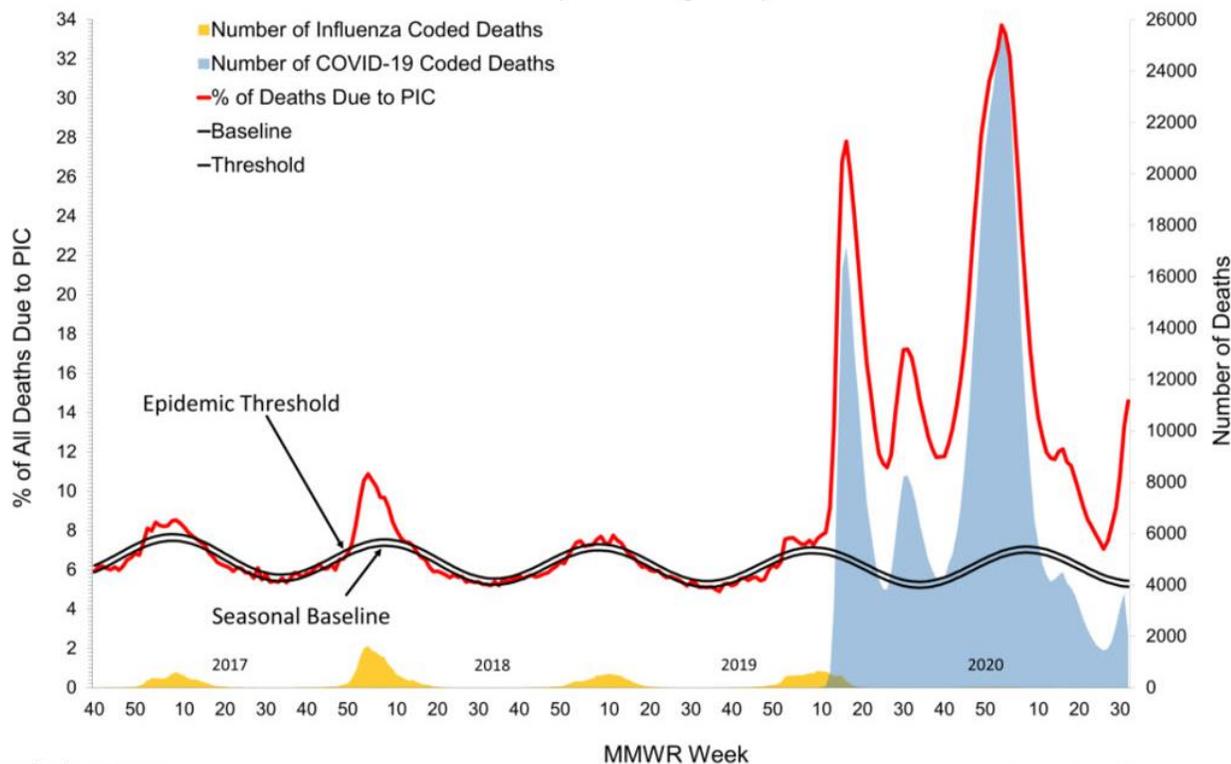
CDC COVID-19 Healthcare Systems and Worker Safety Task Force

Excess Deaths



Pneumonia, Influenza, and COVID-19 (PIC) Mortality

October 10, 2016 – August 19, 2021



Last Updated: Aug 20, 2021

Data Source: National Center for Health Statistics Mortality Surveillance System

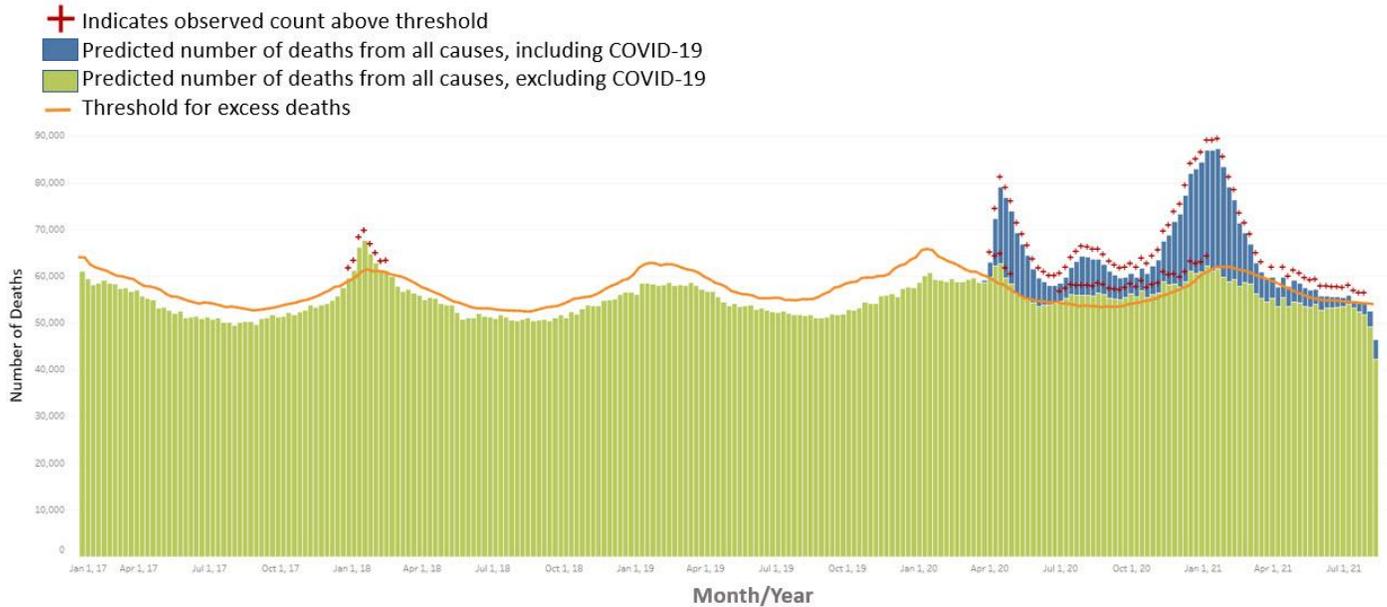
[CDC National Center for Health Statistics \(NCHS\) Mortality Surveillance](#)<sup>24, 25</sup>

Based on NCHS mortality surveillance data available on August 19, 2021, 14.6% of the deaths that occurred during the week ending August 14, 2021 (week 32), were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is above the epidemic threshold of 5.4% for week 32. Among the 2,860 PIC deaths reported for this week (week 32), 2,078 had COVID-19 listed as an underlying or contributing cause of death on the death certificate, and one listed influenza, indicating that current PIC mortality is due primarily to COVID-19 and not influenza. The data presented are preliminary and may change as more data are received and processed.

<sup>24</sup> Data during recent weeks are incomplete because of the lag in time between when death occurred and when the death certificate is completed, submitted to NCHS, and processed for reporting purposes. Additional NCHS mortality information: [Surveillance Methods](#) and [Provisional Death Count Totals for COVID-19](#).

<sup>25</sup> [MMWR Week](#) is the week of the epidemiologic year for which the National Notifiable Diseases Surveillance System (NNDSS) disease report is assigned by the reporting local or state health department for the purposes of MMWR disease incidence reporting and publishing.

### Weekly Number of Deaths Comparing Excess Deaths Including and Excluding COVID-19 January 14, 2017 – August 7, 2021



Number of deaths above threshold are indicated by red plus sign. Certain weeks have more than one red plus sign when the predicted number of deaths including COVID-19 (blue bars) and the predicted number of deaths excluding COVID-19 (green bars) both exceed the threshold.

Last Updated: Aug 18, 2021

Data Source: National Center for Health Statistics (NCHS)

### Number of Estimated Excess Deaths Associated with COVID-19 by Month, United States

March 1, 2020 - August 7, 2021

Month	Observed Number	Upper Bound Threshold	Average Expected Count	Excess Lower Estimate	Excess Higher Estimate
Mar 2020	240,636	242,139	234,752	3,110	6,194
Apr 2020	302,171	233,424	226,502	68,747	75,669
May 2020	321,933	277,592	269,183	44,341	52,750
Jun 2020	233,463	217,858	211,178	15,605	22,285
Jul 2020	249,230	215,620	209,010	33,610	40,220
Aug 2020	315,306	267,644	259,091	47,662	56,215
Sep 2020	240,289	214,440	207,328	25,849	32,961
Oct 2020	307,860	273,154	264,024	34,706	43,836
Nov 2020	281,439	225,104	217,659	56,335	63,780
Dec 2020	326,764	233,784	226,648	92,980	100,116
Jan 2021	423,804	307,430	298,091	116,374	125,713
Feb 2021	284,009	245,601	238,162	38,408	45,847
Mar 2021	243,172	239,198	231,937	4,135	11,235
Apr 2021	234,525	231,647	224,638	3,895	9,887
May 2021	286,246	278,580	270,145	7,666	16,101
Jun 2021	222,643	219,088	212,362	3,555	10,281
Jul 2021	272,195	271,719	263,109	2,043	9,086
Aug 2021	46,472	54,016	52,390	0	0
<b>Total</b>	<b>4,832,157</b>	<b>4,248,038</b>	<b>4,116,209</b>	<b>599,021</b>	<b>722,176</b>

Last Updated: Aug 19, 2021

Source: National Center for Health Statistics (NCHS), Excess Deaths Associated with COVID-19; Visualization: CDC CPR/DEO Situational Awareness Public Health Science Team

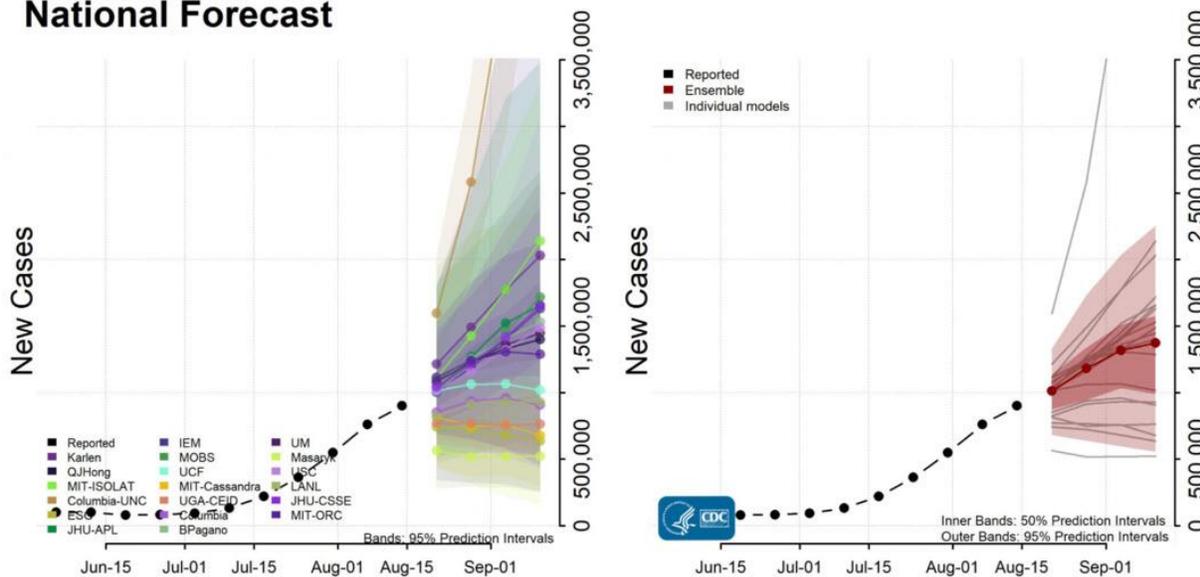
COVID-19 National Forecasts

Forecasts of New COVID-19 Cases per 100,000 Population

Data: June 12, 2021 – August 14, 2021  
 Forecasts Through September 11, 2021

This week, CDC received forecasts of new reported COVID-19 cases over the next 4 weeks from 22 modeling groups included in the ensemble forecasts. This week's national ensemble predicts that **560,000 to 2,250,000 new cases likely reported in the week ending September 11, 2021.**

National Forecast



Last Updated: Aug 18, 2021

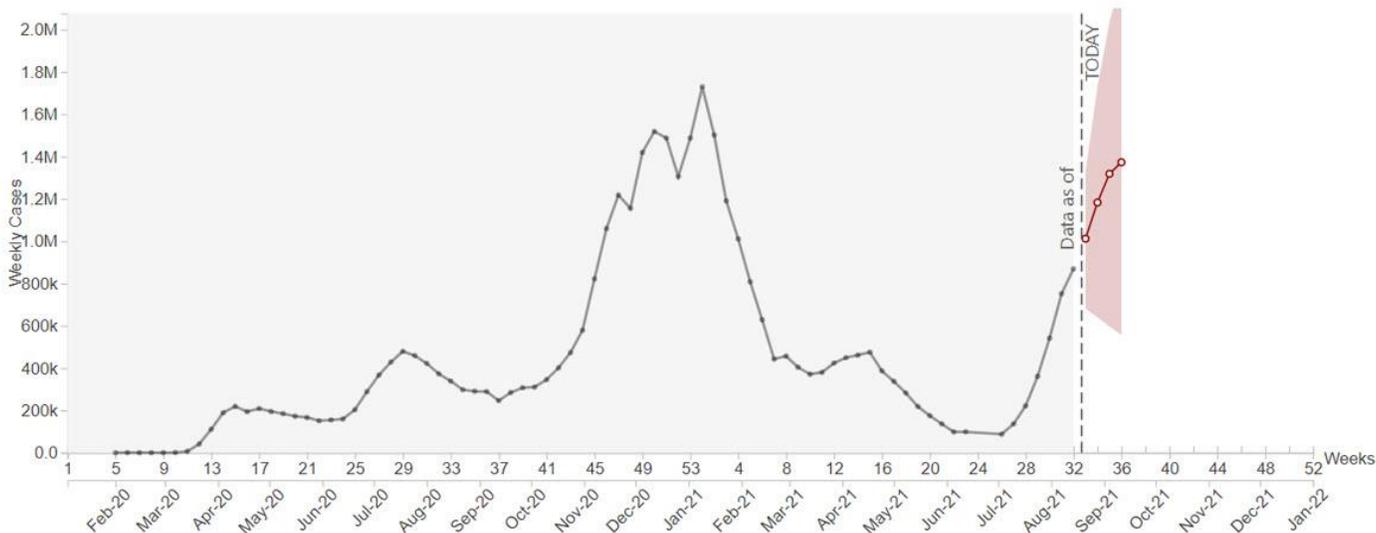
CDC COVID-19 Mathematical Modeling Group

Source: [CDC Forecasts](#)

Estimated New COVID-19 Cases

Weekly Reported COVID-19 Cases, as of August 16, 2021

Observed and forecasted weekly COVID-19 cases in the United States



Last Updated: Aug 18, 2021

COVID-19 Forecast Hub

Source: <https://viz.covid19forecasthub.org/>

**Restricted Use/Recipients Only**

For questions or comments, please contact CDC/CPR/DEO IMS SA Public Health Scientists at [eocsaanalyst@cdc.gov](mailto:eocsaanalyst@cdc.gov)

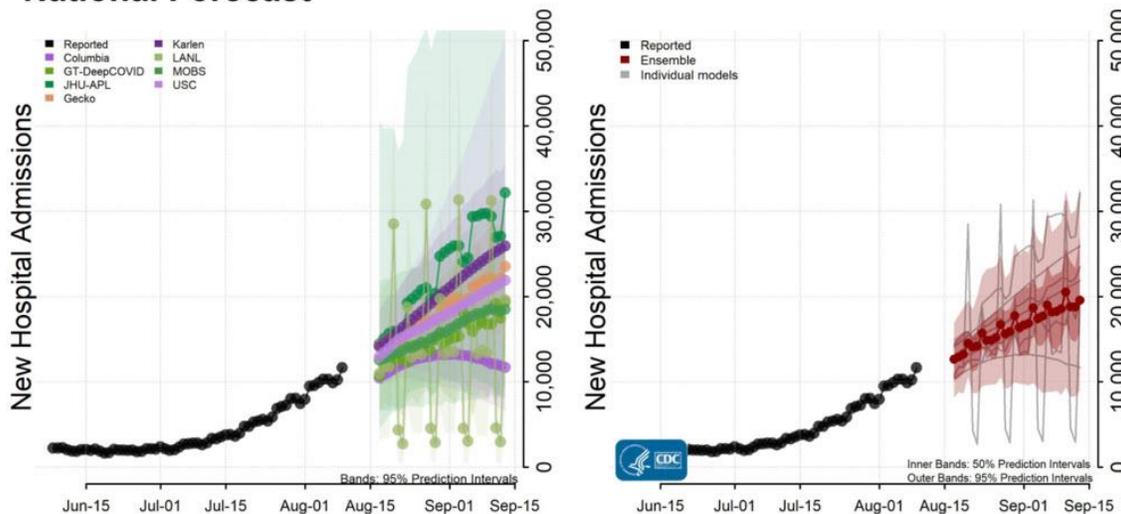
### Forecasts of New COVID-19 Hospitalizations per 100,000 Population

Data: June 8, 2021 – August 9, 2021

Forecasts Through September 13, 2021

This week, CDC received forecasts of new reported COVID-19 cases over the next 4 weeks from 8 modeling groups included in the ensemble forecasts. This week's national ensemble predicts that new daily confirmed COVID-19 hospital admissions will likely increase over the next 4 weeks, with **9,000 to 32,800 new confirmed COVID-19 hospital admissions likely reported on September 13, 2021.**

#### National Forecast



Last Updated: Aug 18, 2021

CDC COVID-19 Mathematical Modeling Group

Source: [CDC Forecasts](#)

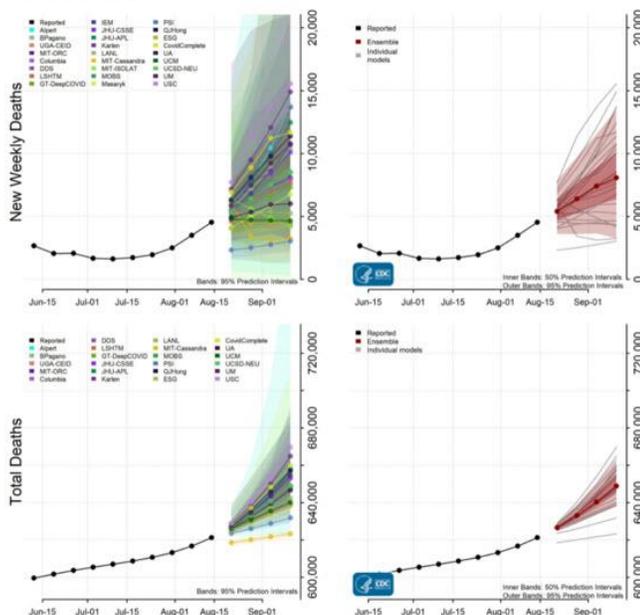
### Forecasts of New and Cumulative COVID-19 Deaths per 100,000 Population

Data: June 12, 2021 – August 14, 2021

Forecasts Through September 11, 2021

This week, CDC received forecasts of new reported COVID-19 deaths over the next 4 weeks from 26 modeling groups included in the ensemble forecasts. This week's national ensemble predicts that the number of newly reported COVID-19 deaths will likely increase over the next 4 weeks, with **3,300 to 13,500 new deaths likely reported in the week ending September 11, 2021.**

#### National Forecast



Last Updated: Aug 18, 2021

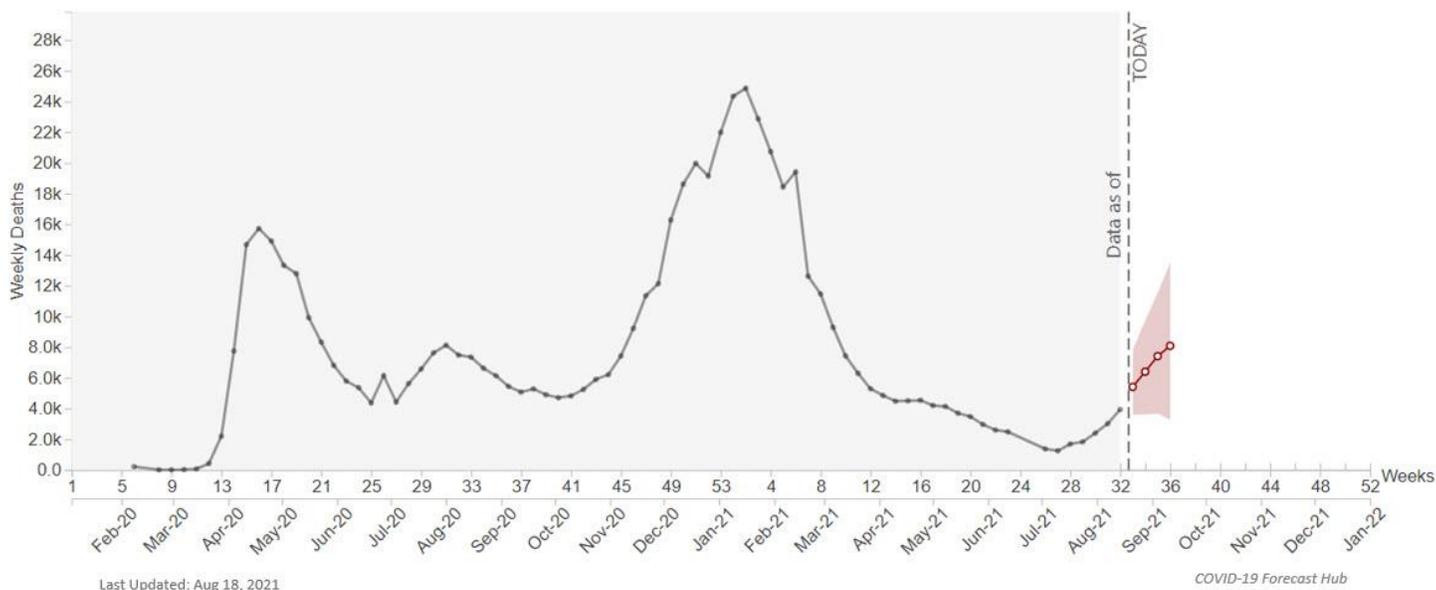
CDC COVID-19 Mathematical Modeling Group

Source: [CDC Forecasts](#)

### Estimated New COVID-19 Deaths

Weekly Reported COVID-19 Deaths, as of August 16, 2021

Observed and forecasted weekly COVID-19 deaths in the United States



Source: <https://viz.covid19forecasthub.org/>

## Special Populations

### COVID-19 Cases and Deaths in US Healthcare Workers

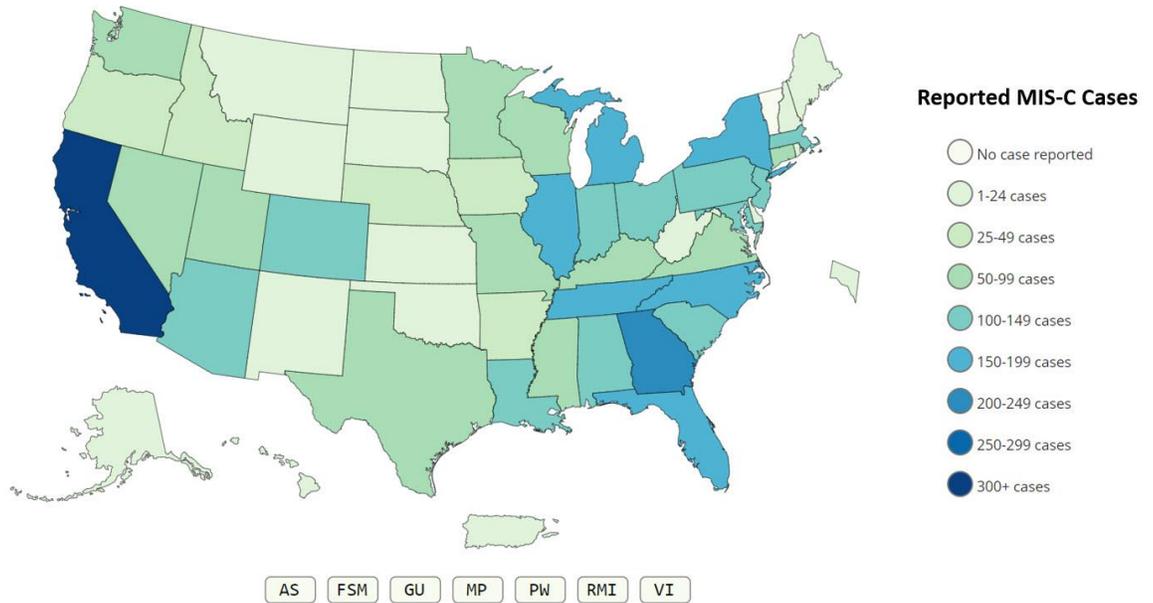
Data as of Aug 21, 2021 (no changes)

- Cases: 533,108
- Deaths: 1,703
  - 493 in CA
  - 219 in IL
  - 167 in NJ
  - 132 in OH
  - 97 in NV
  - 69 in PA
  - 68 in NC
  - 64 in MI
  - 63 in TN
  - 59 in AR
  - 41 in MN
  - 33 in NY
  - 33 in WA
  - 33 in PR
  - 30 in KS
  - 27 in MA
  - 15 in IA
  - 13 in UT
  - 12 in ID
  - 11 in LA
  - 10 in NH
  - 5 in CO
  - 5 in DC
  - 2 in GU
  - 1 in AK
  - 1 in VI



Multisystem Inflammatory Syndrome in Children (MIS-C) in the United States

Reported MIS-C Case Ranges by Jurisdiction  
Data as of July 30, 2021

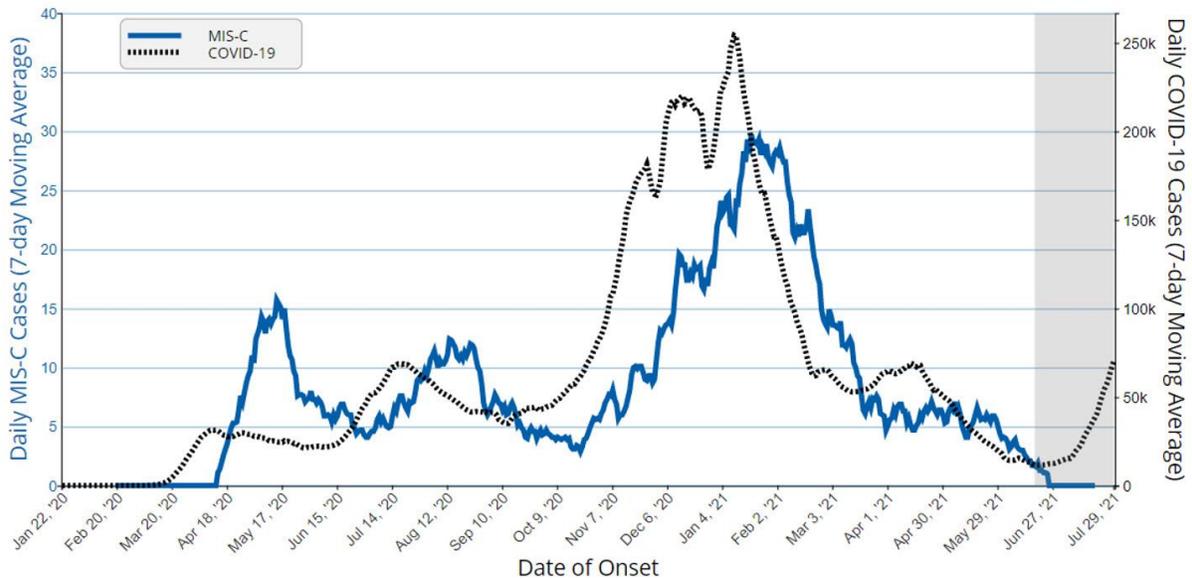


\*CDC defers to jurisdictions to release additional information on patients

Last Updated: Aug 23, 2021

Source: COVID Tracker; National Center for Immunization and Respiratory Diseases

Daily MIS-C Cases and COVID-19 Cases Reported to CDC (7-Day Moving Average)  
February 19, 2020 – July 13, 2021 (N=4,404\*)



The grayed-out area on the right side of the figure represents the most recent 6 weeks of data, for which reporting of MIS-C cases is still incomplete. The actual number of MIS-C cases during this period is likely larger, and these numbers are expected to increase as additional case reports are incorporated.

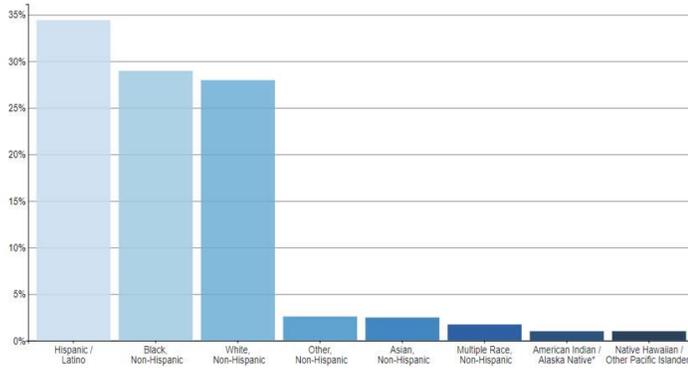
\*Date of onset was missing for 1 of the 4,404 cases.

Last Updated: Aug 23, 2021

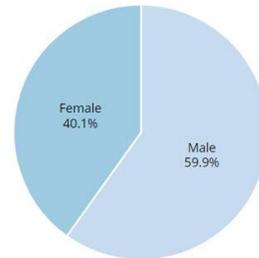
Source: COVID Tracker; National Center for Immunization and Respiratory Diseases

## Characteristics of Reported MIS-C Patients Data as of July 30, 2021 (N=4,404)

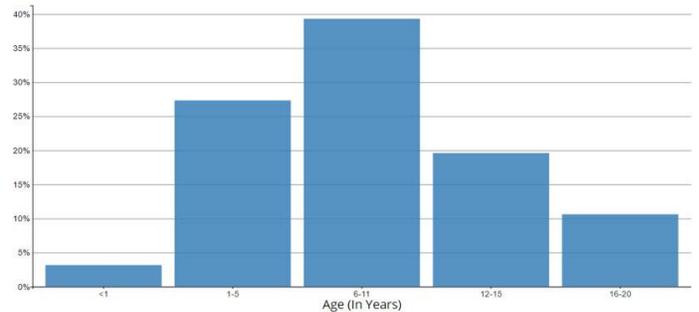
MIS-C Patients by Race/Ethnicity



MIS-C Patients by Sex



MIS-C Patients by Age Group



Out of 4,404 patients, race/ethnicity was not reported for 685 patients, sex for 4 patients, and age group for 31 patients.

\*Values are less than 1%

Last Updated: Aug 23, 2021

Source: COVID Tracker; National Center for Immunization and Respiratory Diseases

## COVID-19 Among Pregnant Women in the US

### Weekly COVID-19 Pregnancy Data Summary January 22, 2020 – August 16, 2021

107,532 (100.0%)

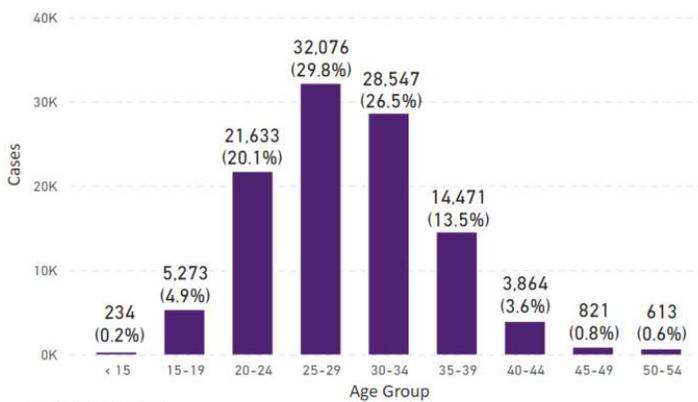
Cases with Known Age

93,480 (86.9%)

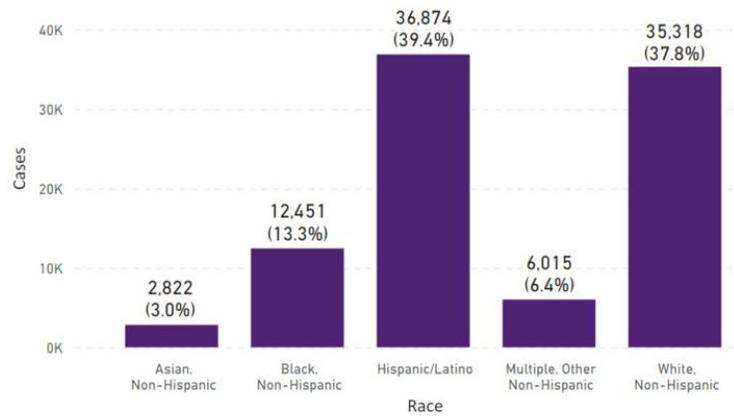
Cases with Known Race/Ethnicity

Hospitalizations

Cases	Deaths	Hospitalizations	Admitted to ICU	Required Mechanical Ventilation
107,532	128	18,262	474	99



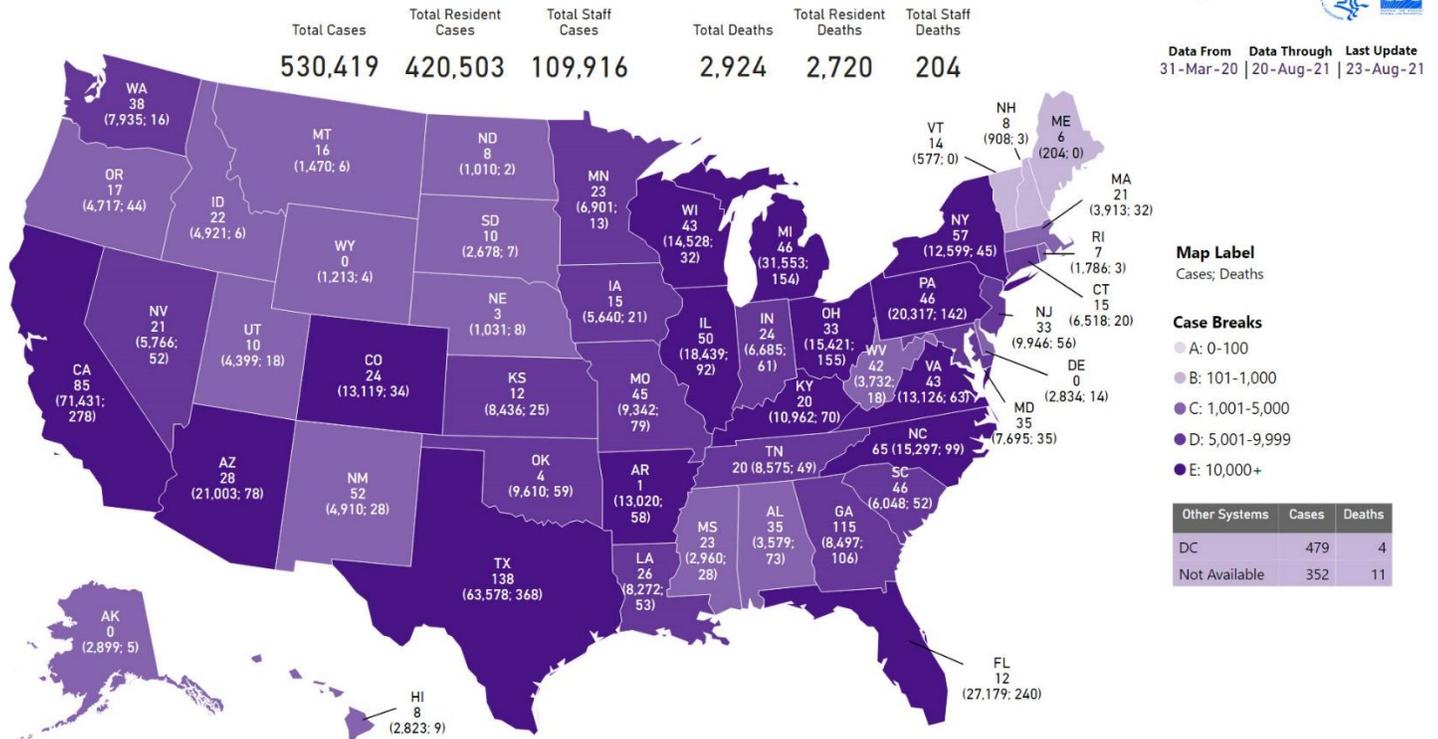
Last Updated: Aug 16, 2021



Data Source: CDC COVID Data Tracker; Visualization: CDC CPR DEO Situational Awareness Public Health Science Team

Cases and Deaths in US Correctional and Detention Facilities

Cumulative Confirmed COVID-19 Cases and Deaths in US Correctional and Detention Facilities By State



Cases and deaths are reported by state Department of Corrections, the Federal Bureau of Prisons, and Immigration and Customs Enforcement. Data contain cumulative confirmed COVID-19 counts in U.S. correctional and detention facilities, separately for staff and residents, starting from March 31, 2020. Citation: UCLA Law COVID Behind Bars Data Project, <https://uclacovidbehindbars.org/>. For questions or comments, contact CDC CPR DEO Public Health Science Team at [ecsaanalyst@cdc.gov](mailto:ecsaanalyst@cdc.gov).

COVID-19 Related School Closures<sup>26</sup>

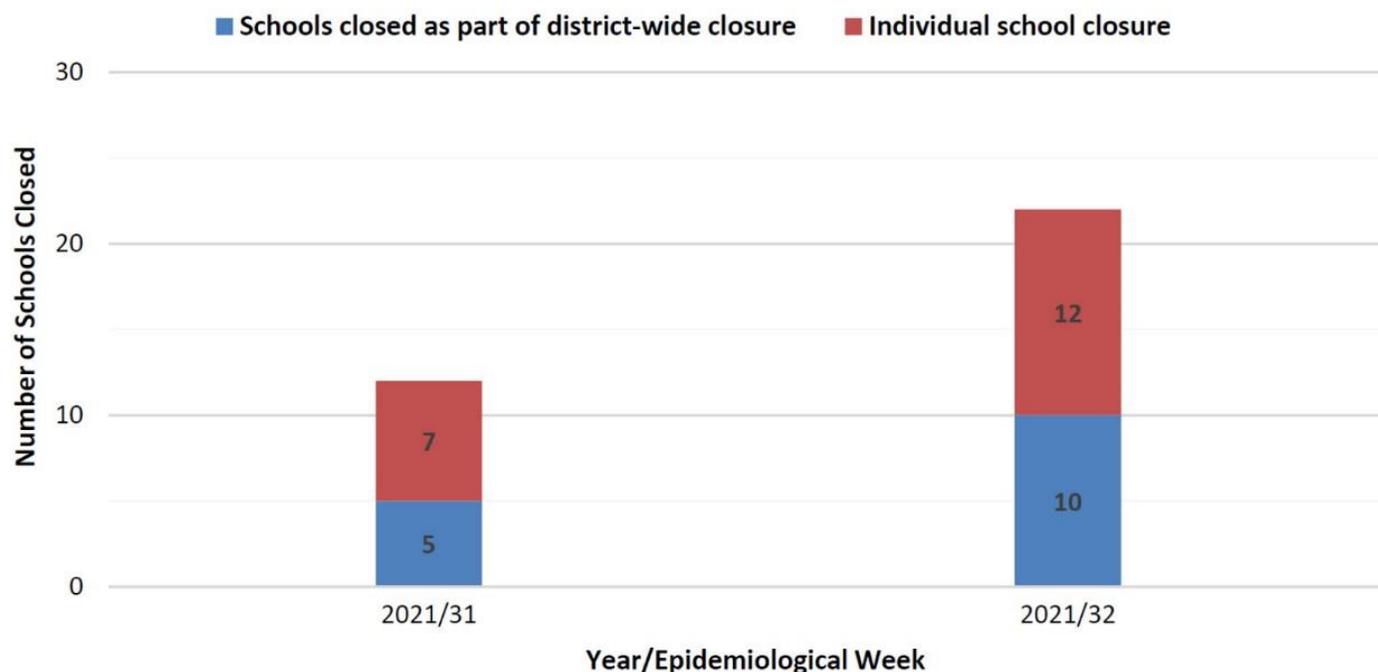
Last Updated: Aug 17, 2021

Estimated COVID-19-related School Closures		
	Cumulative Aug 02 – Aug 13, 2021	Week of 8/9/2021–8/13/2021
School Districts Closed	7	4
<b>Total Estimated Number of Schools Closed</b>	<b>34</b>	<b>22</b>
Part of District-wide Closure	15	10
Individual School Closure	19	12
Estimated Students Affected	16,208	9,447
Estimated Teachers Affected	981	557

<sup>26</sup> Number of schools closed in district-wide closures, total number of students, and total number of teachers was estimated by matching the public school district ID or school ID with the district/school data for school year 2018/19 and private school ID with school data for year 2017/18 as obtained from the National Center for Education Statistics (<https://nces.ed.gov/ccd/elsi/tableGenerator.aspx>, accessed on May 06, 2020).

### COVID-19 Related K-12 School Closures by Week of Closure Announcements, United States

August 02, 2021 – August 13, 2021 (N=34)



Last Updated: Aug 17, 2021

Source: CDC Division of Global Migration and Quarantine

## International Summary

### WHO COVID-19 Global Cases and Deaths

Jan 02, 2020 – Aug 23, 2021

Cases		Deaths	
Cumulative	Last 24 Hours	Cumulative	Last 24 Hours
211,373,303	414,439	4,424,341	6,286

Source: [WHO COVID-19 Dashboard](#)

**Weekly COVID-19 International Situation Update**

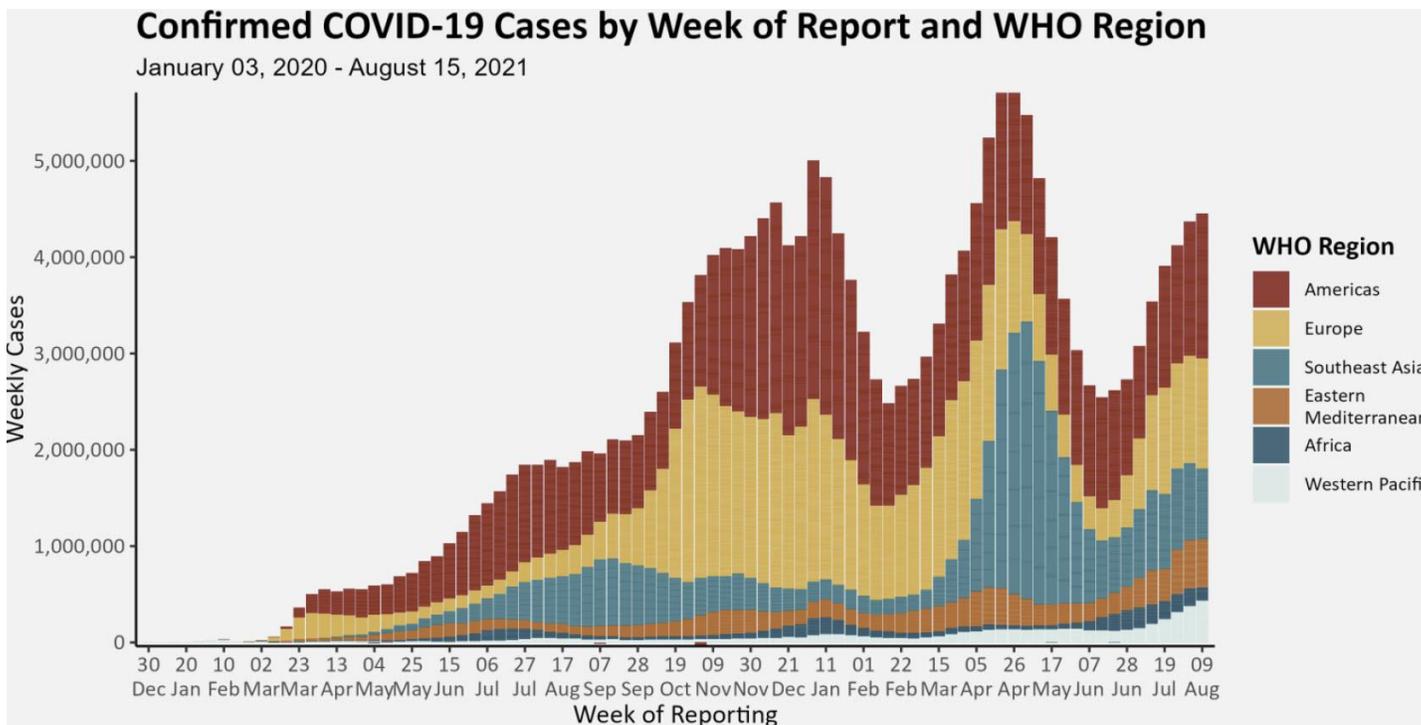
CDC International Task Force

Data as of August 15, 2021 Last Updated: August 17, 2021

**Summary**

- **Epidemiology:**
  - Cases continue to increase in the Americas and Western Pacific. Cases continue to plateau in Europe have started to plateau in Eastern Mediterranean. Cases started to decrease in Southeast Asia. The African Region cases plateaued from the previous week, but several countries have reporting delays.
  - Global deaths decreased by 0.5% from last week to this week.
  - Countries reporting the highest case counts in the last week are the United States of America and Iran.
  - Greatest percent increase in cases in the last week were in Madagascar and Benin.
- **Vaccination:**
  - Vaccination is reported in at least 217 countries or territories.
  - Vaccination coverage is highest in Europe, North America, and South America, and lowest in Africa, Southeast Asia, and the Western Pacific.
- **Variants of Concern (as of Aug 17, 2021):**
  - Alpha (B.1.1.7) has been identified in 190 countries, 5 more since last week.
  - Beta (B.1.351) has been identified in 138 countries, 2 more since last week.
  - Gamma (P.1) has been identified in 82 countries, 1 more since last week.
  - Delta (B.1.617.2) has been identified in 148 countries, 6 more since last week.

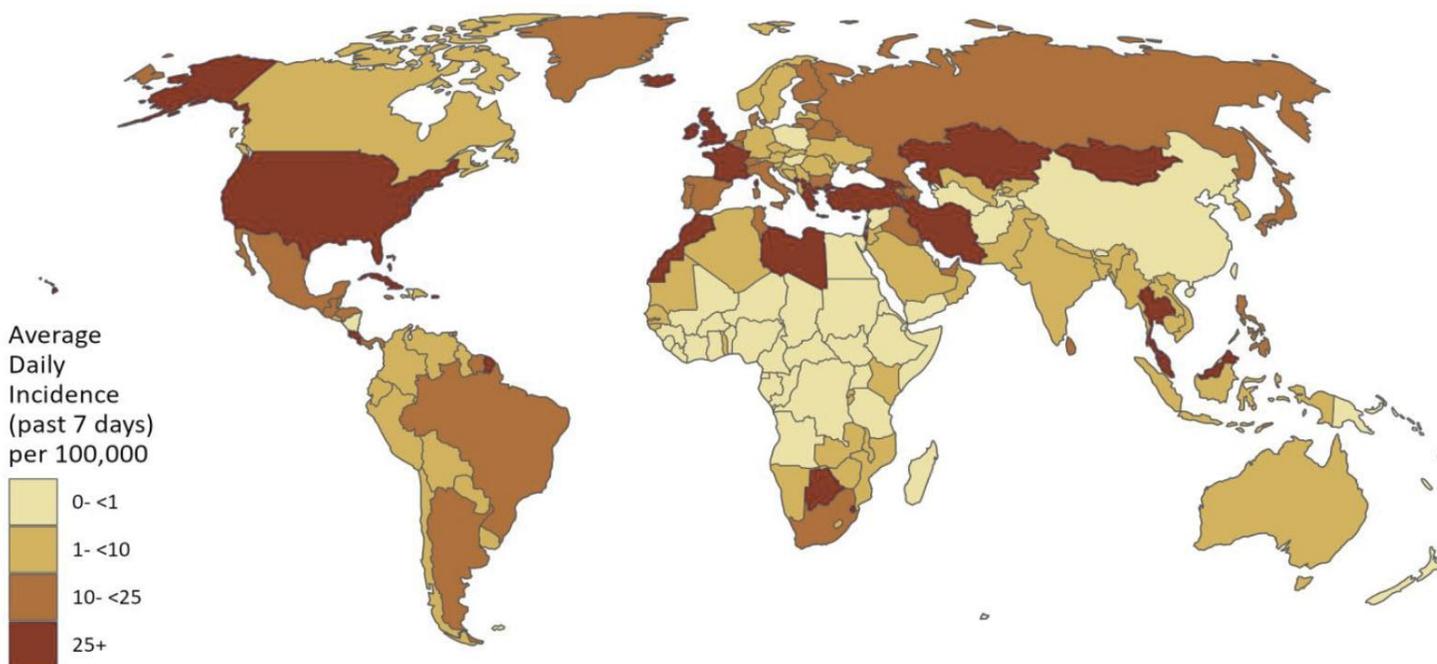
*Epidemic Curve of Confirmed COVID-19 Cases by Week of Report and WHO Region*



Map: Average Daily Incidence Over the Last 7 Days per 100,000 Population, International

Aug 15, 2021

Data Source: [COVID-19 Data Repository CSSE \(JHU\)](#)



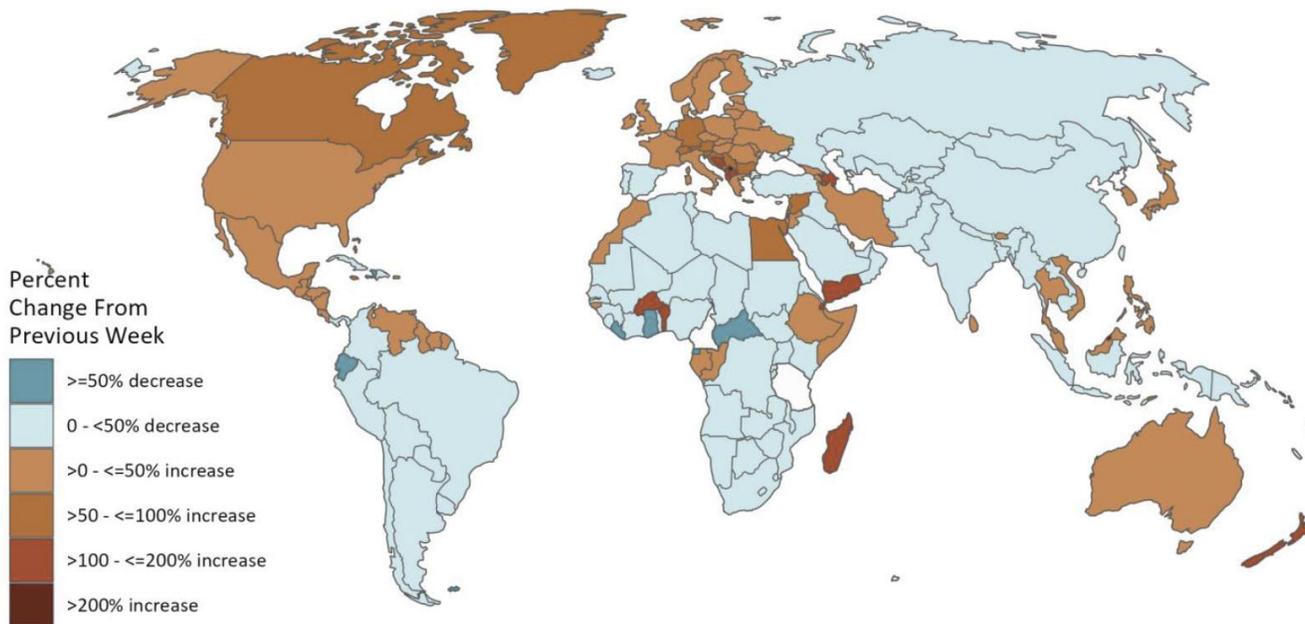
Data Source: WHO Coronavirus Disease (COVID-19) Dashboard

Note: For the purpose of this report the Island of Taiwan is presented separately from mainland China, both using data from the COVID-19 Data Repository by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University (JHU)

Map: Percent Change in Cases, Most Recent 7-Day Period Compared to Previous 7-Day Period, International

August 15, 2021

Data Source: [COVID-19 Data Repository CSSE \(JHU\)](#)



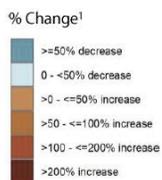
Data Source: WHO Coronavirus Disease (COVID-19) Dashboard

Note: For the purpose of this report the Island of Taiwan is presented separately from mainland China, both using data from the COVID-19 Data Repository by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University (JHU)

Countries with Most New Cases and Highest Growth in New Cases

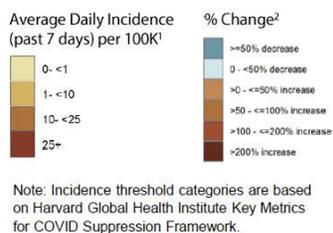
Country/ Area	New Cases This Week	% Change Last Week <sup>1</sup>
United States of America	883,996	20.4
Iran (Islamic Republic of)	269,975	8.8
India	258,121	-7.4
Brazil	210,254	-8.0
The United Kingdom	198,759	7.0
Indonesia	188,323	-16.5
Turkey	163,965	-2.9
Russian Federation	153,086	-3.8
Thailand	150,652	6.7
France	148,933	0.2

<sup>1</sup> Percent change in cases of most recent 7 days to 7 days prior  
Data Source: WHO Coronavirus Disease (COVID-19) Dashboard  
Data as of August 15, 2021



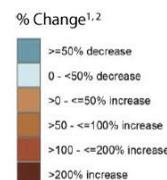
Country/ Area	Incidence Per 100,000 <sup>1</sup>	% Change Last Week <sup>2</sup>
French Polynesia	298.6	143.5
Guadeloupe	254.7	375.3
Martinique	161.0	18.2
Georgia	120.6	30.9
Saint Barthélemy	115.6	25.0
Aruba	107.2	47.2
Botswana	86.2	-10.7
Sint Maarten	79.0	80.9
Cuba	76.0	-6.2
Dominica	71.0	17,800.0

<sup>1</sup> Average daily incidence per 100,000 in past 7 days  
<sup>2</sup> Percent change in cases of most recent 7 days to 7 days prior  
Data Source: WHO Coronavirus Disease (COVID-19) Dashboard  
Data as of August 15, 2021



Country/ Area	% Change Last Week <sup>1</sup>	% Change 4 Weeks <sup>2</sup>
Madagascar	145.0	-3.9
Benin	113.6	2,588.2
Azerbaijan	113.2	1,227.6
Burkina Faso	103.3	134.6
Yemen	102.9	294.4
Syrian Arab Republic	78.8	313.7
Canada	68.3	353.9
Egypt	62.5	-5.4
Germany	55.1	255.2
Romania	46.0	481.8

<sup>1</sup> Percent change in cases of most recent 7 days to 7 days prior  
<sup>2</sup> Percent change in cases of most recent 7 days to 4 weeks prior  
Note: Countries with population size less than 10 million were excluded  
Data Source: WHO Coronavirus Disease (COVID-19) Dashboard  
Data as of August 15, 2021

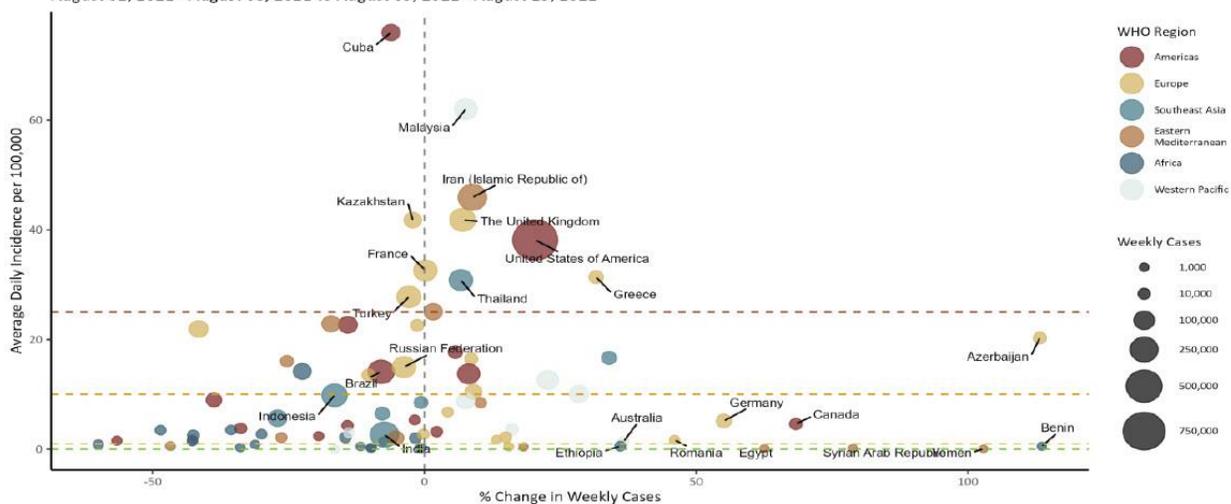


Risk Matrix: Average Daily Incidence per 100,000 Population in the Past 7 Days and 7-Day Percent Change

Data Source: [COVID-19 Data Repository CSSE \(JHU\)](#)

Burden and Recent Trends

Average daily incidence per 100,000 population and 7-day percent change, by new cases in past 7 days August 02, 2021 - August 08, 2021 to August 09, 2021 - August 15, 2021



Notes:  
-Includes countries with a population greater than 10 million people and more than 100 cases in the last week  
-Countries with a population over 10 million are labeled if they are among the top ten highest countries for cases, incidence, or weekly percent change in cases.

Data Source: WHO Coronavirus Disease (COVID-19) Dashboard

Note: For the purpose of this report the Island of Taiwan is presented separately from mainland China, both using data from the COVID-19 Data Repository by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University (JHU)

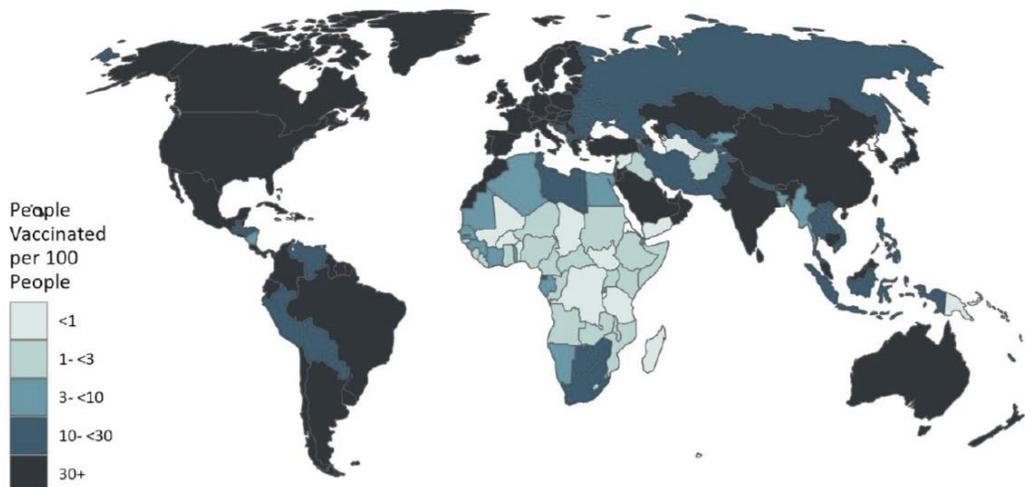
Global Vaccinations Summary

Vaccination is reported in at least 214 countries.

Total Number of Vaccine Doses Administered per 100 People<sup>27</sup>

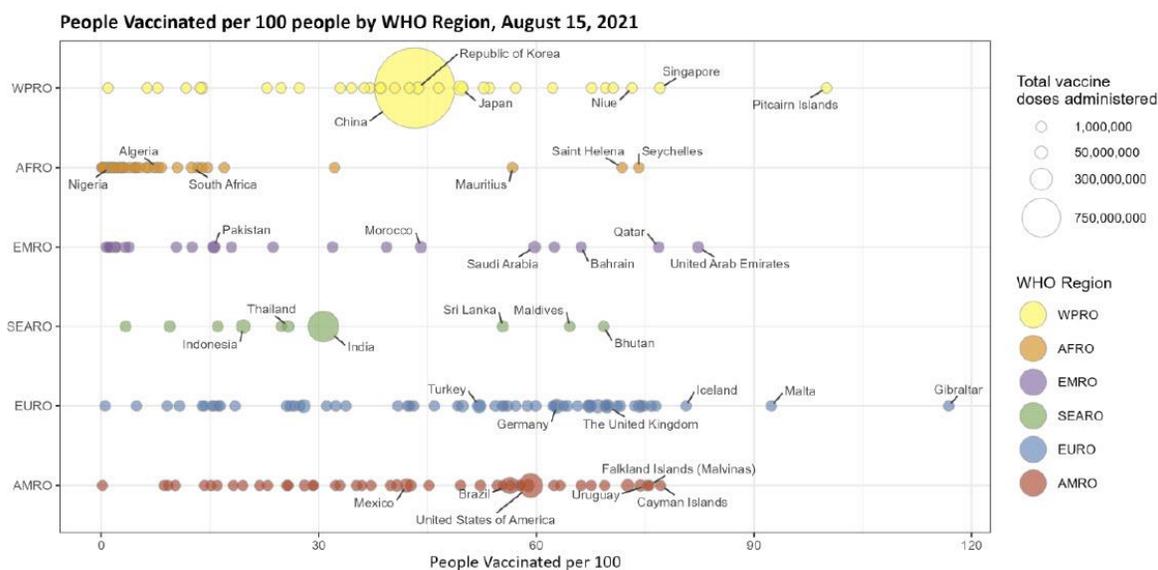
Data as of August 15, 2021

Data Source: Our World in Data



Note:  
-Countries in white do not have data reported for total people vaccinated  
-Vaccine data are incomplete and data may be out of date

People Vaccinated per 100 People by WHO Region



Notes:

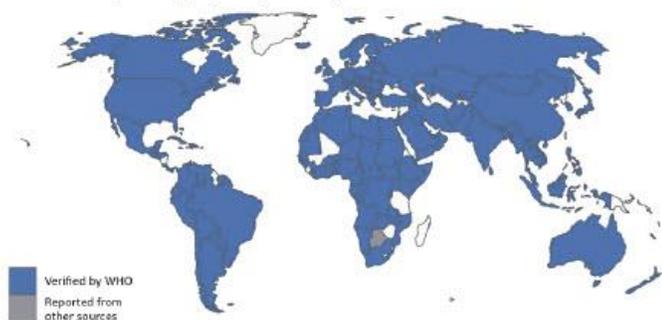
- People Vaccinated per 100: number of people who received at least one vaccine dose; does not represent percent of population fully vaccinated
- Total vaccine doses administered: total doses given, does not represent number of people vaccinated
- Countries are labeled such that within each WHO Region, labeled countries are those that are the top 3 ranking countries for people vaccinated per 100 and the top 3 ranking countries for total vaccine doses administered
- Vaccine data are incomplete and data may be out of date

<sup>27</sup> Total number of vaccine doses administered are counted as single doses and may not equal the total number of people vaccinated, as some vaccines require multiple doses.

COVID-19 Variants of Concern

These maps show which countries have reported notable variants of SARS-CoV-2, as defined by the World Health Organization (WHO). Country specific designations of notable variants may differ. Because of differences in detection and reporting, variants could be present in some countries that have not yet reported them. The lack of reporting does not indicate the absence of the variant in a country. Variant names are according to the dynamic nomenclature guidelines implemented in [Pango](#). Names assigned by [WHO](#) are presented in parentheses. Data are from the World Health Organization (WHO) Variant Tracker.

Countries reporting Alpha (B.1.1.7) variant



**Alpha (B.1.1.7)**

First Detection: United Kingdom  
 Number of Countries Reporting: 190  
 Change since previous week: 5

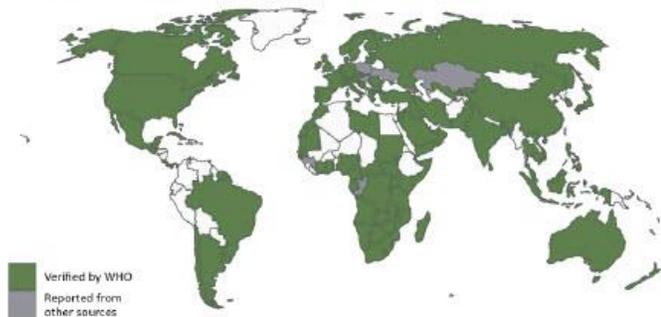
Countries reporting Gamma (P.1) variant



**Gamma (P.1)**

First Detection: Japan/Brazil  
 Number of Countries Reporting: 82  
 Change since previous week: 1

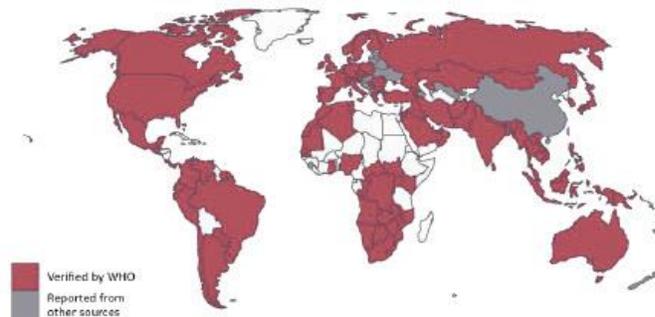
Countries reporting Beta (B.1.351) variant



**Beta (B.1.351)**

First Detection: South Africa  
 Number of Countries Reporting: 138  
 Change since previous week: 2

Countries reporting Delta (B.1.617.2) variant



**Delta (B.1.617.2)**

First Detection: India  
 Number of Countries Reporting: 148  
 Change since previous week: 6

CDC Response by the Numbers and Deployment Summary

COVID-19 Response by the Numbers

# COVID-19 RESPONSE BY THE NUMBERS

As of August 16, 2021



Accessible [www.cdc.gov/coronavirus/2019-ncov/cdcresponse-by-the-numbers.html](http://www.cdc.gov/coronavirus/2019-ncov/cdcresponse-by-the-numbers.html)

<b>9,482</b> CDC personnel supporting the outbreak response	<b>46.8+ million</b> Times people have used CDC's online Coronavirus Self-Checker
<b>1,741</b> CDC deployers who have conducted <b>3,802</b> deployments to <b>331</b> cities across the United States and abroad	<b>1.3+ million</b> Calls and emails to CDC-INFO
<b>319</b> COVID-19 studies published in CDC's Morbidity and Mortality Weekly Report (MMWR)	<b>3.1 + billion</b> Times people have looked for information on CDC websites
<b>7,842</b> Documents providing information and guidance for government agencies, businesses, and the public	<b>3.8+ billion</b> Social media impressions on <b>15,327</b> CDC response-related posts
<b>503+ million</b> COVID-19 tests conducted by public and private laboratories in the United States	<b>80,676+</b> Inquiries from doctors, nurses, or other clinical staff and health departments received by CDC
<b>189+ million</b> People who have received at least one dose of a COVID-19 vaccine	<b>168+ million</b> People who have been fully vaccinated with a COVID-19 vaccine

[cdc.gov/coronavirus](http://cdc.gov/coronavirus)

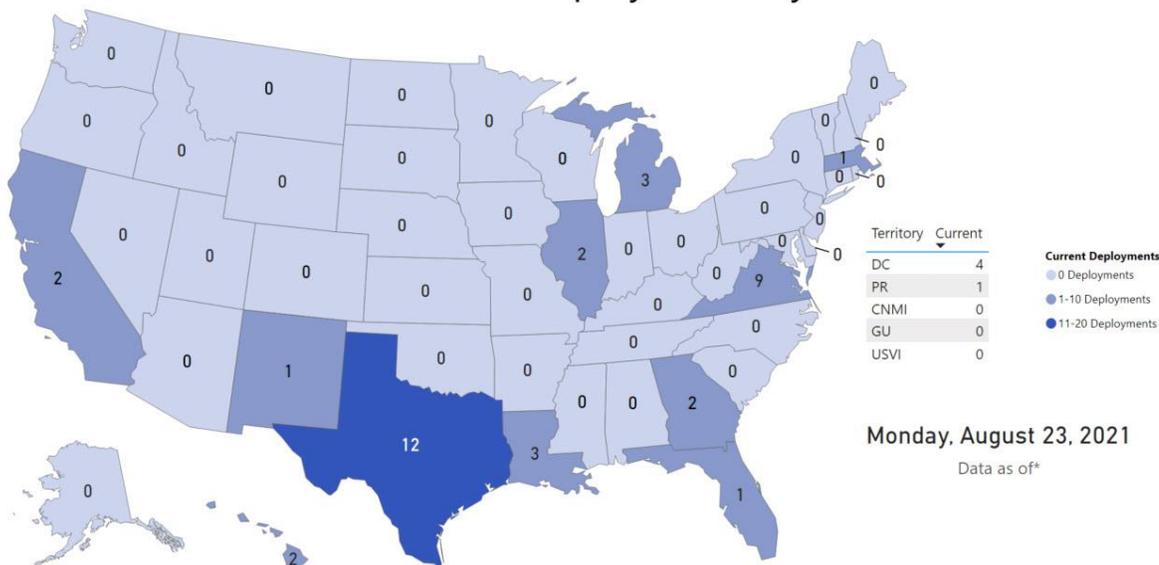
CS31656-A

Current CDC COVID-19 Domestic Deployments by State

Current # States/Territories	Total Current Deployments	Total Completed Deployments	Cumulative Deployments	Pending Deployments
<b>15</b>	<b>45</b>	<b>3,712</b>	<b>3,757</b>	<b>51</b>



Current CDC COVID-19 Deployments by State



Monday, August 23, 2021  
Data as of\*

Last Refresh  
8/23/2021 3:58:09 AM

## Health Department and High-Risk Settings Deployments

As of Aug 23, 2021

Summary of Health Department Support Teams <sup>28,29</sup>		
Description	Teams	Staff
<b>Currently Deployed<sup>30</sup></b>	<b>17</b>	<b>39</b>
Field	13	29
Remote	4	10
<b>Returned<sup>31</sup></b>	<b>575</b>	<b>2,846</b>
<b>Field</b>	<b>515</b>	<b>2,526</b>
Remote	173	439
<b>Cumulative<sup>32</sup></b>	<b>592</b>	<b>2,885</b>
Field	528	2,555
Remote	179	449

Teams and Staff by Support Category		
Status	Teams	Staff
<b>Currently Deployed</b>	<b>17</b>	<b>39</b>
Other (e.g., National)	3	6
State Support	11	30
Territory support	2	2
Tribal Support	1	1

Subset of Deployment Teams Addressing Transmission in High-Risk and Congregate Settings			
	Number of Teams <sup>33</sup>		
	Deployed	Returned	Total
Corrections/prisons/detention centers	0	21	21
Cruise ships	0	6	6
Early childhood education	0	2	2
Entertainment venues (Inside and outside)	0	1	1
Faith-based institutions	0	4	4
Food processing	0	29	29
Food service	0	3	3
Healthcare settings (other than LTCF)	0	21	21
Institutes of higher education	1	20	21
K-12 schools	0	38	38
Long-term care facilities (LTCF)	0	106	106
Migrant holding facilities	6	13	19
None	10	351	361
Other	0	2	2
Recreational facilities and camps	0	3	3
Shelters, Homeless	0	14	14
Sports venue (Inside and outside)	0	2	2
<b>Total<sup>34</sup></b>	<b>17</b>	<b>575</b>	<b>592</b>

## CDC Website Updates – COVID-19 Response

Aug 16, 2021 – Aug 22, 2021<sup>35</sup>

- [August 20, 2021](#)
  - [Disparities in Excess Mortality Associated with COVID-19 – United States, 2020](#)
  - [Use of Rapid Antigen Testing for SARS-CoV-2 in Remote Communities – Yukon-Kuskokwim Delta, Alaska, September 15, 2020–March 1, 2021](#)
- [August 18, 2021](#)
  - [New COVID-19 Cases and Hospitalizations Among Adults, by Vaccination Status – New York, May 3–July 25, 2021](#)
  - [Sustained Effectiveness of Pfizer-BioNTech and Moderna Vaccines Against COVID-19 Associated Hospitalizations Among Adults – United States, March–July 2021](#)
  - [Effectiveness of Pfizer-BioNTech and Moderna Vaccines in Preventing SARS-CoV-2 Infection Among Nursing Home Residents Before and During Widespread Circulation of the SARS-CoV-2 B.1.617.2 \(Delta\) Variant – National Healthcare Safety Network, March 1–August 1, 2021](#)

<sup>28</sup> Field Staff and Remote Staff counts are current number of deployed staff of each type.

<sup>29</sup> These data represent deployed CDC field teams focusing on supporting health departments in state, tribal, local, and territorial jurisdictions. These health department deployments are a subset of the deployments represented in the graphic above. Each team aligns to a specific mission. The number of deployed staff per team may fluctuate throughout each mission. These data come from CDC Health Department Task Force records of teams deployed since Apr 03, 2020.

<sup>30</sup> Includes 0 teams with both field and remote staff.

<sup>31</sup> Includes 110 teams with both field and remote staff.

<sup>32</sup> Includes 115 teams with both field and remote staff.

<sup>33</sup> Systematic collection of information began on Apr 03, 2020.

<sup>34</sup> Total may differ from the sum of high-risk settings due to some teams working in multiple high-risk settings.

<sup>35</sup> Updated each Monday. See additional resources at [CDC COVID-19 What's New](#) and [CDC MMWR Novel Coronavirus Reports](#).

Data and Visualizations

- [COVID Data Tracker<sup>36</sup>](#)
  - [COVID Data Tracker Weekly Review](#)
  - [COVID-19 Science Update](#)
- [COVID-19 Forecasts: Cases](#)
  - [COVID-19 Forecasts: Deaths](#)
  - [COVID-19 Forecasts: Hospitalizations](#)
- [Health Equity Data](#)
  - [COVID-19 Vaccinations in U.S.](#)

Appendix: Reporting Frequencies by Jurisdiction

Jurisdiction	Reporting Frequency			CELR <sup>37</sup> Onboarding Status	Notes
	Aggregate Case/Death Data <sup>38</sup>	Hospital Data	Laboratory Testing Data		
AK	Sporadic	Daily	Daily	Y	Updated historical aggregate case/death data on Apr 27, 2021.
AL	Mon - Sat	Daily	Daily	Y	Updates historical aggregate case/death data biweekly on Mon.
AR	Daily	Daily	Daily	Y	
AZ	Daily	Daily	Daily	Y	Updated historical aggregate case data on May 19, 2021.
CA	Mon – Fri	Daily	Mon/Thurs; Thurs - antigen	Y	Updates historical aggregate case/death data each Thurs.
CO	Mon – Fri	Daily	Daily	Y	
CT	Mon – Fri	Daily	About 3x/week	Y	
DE	Daily	Daily	Daily	Y	Updated historical aggregate case data on Jun 02, 2021.
FL	Mon - Sat	Daily	Daily	Y	Updated historical aggregate case/death data each Mon and Thurs.
GA	Mon – Fri	Daily	Daily	Y	
HI	Daily	Daily	Daily	Y	Opted to exclude probable cases from total.
IA	Mon/Wed/Fri	Daily	Daily	Y	Switched to a new process using vital records data to count deaths on Dec 7, 2020. At this time, all deaths are assumed to be at least probable.
ID	Mon – Fri	Mon – Fri	Mon – Fri	Y	
IL	Mon – Fri	Daily	Daily	Y	
IN	Mon – Fri	Daily	Daily	Y	Updates historical aggregate case/death data biweekly on Thurs.
KS	Mon/Wed/Fri	Daily	Daily	Y	
KY	Mon – Fri	Daily	Daily	Y	Updates historical aggregate case/death data biweekly on Wed.
LA	Mon – Fri	Daily	Daily	Y	
MA	Mon - Fri	Daily	5-6x/week	Y	Updated historical aggregate case data on May 10, 2021. Updated historical aggregate death data on May 12, 2021. Deaths are reported by date of death, not date of report.
MD	Mon – Sat	Daily	Daily	Y	Updated historical aggregate death data on Jun 01, 2021.
ME	Sun – Fri	Daily	Daily	N	
MI	Sun - Fri	Daily	Daily	Y	Updates historical aggregate case/death biweekly on Wed.
MN	Mon – Fri	Daily	Daily	Y	
MO	Daily	Daily	About 3-4x/week; weekdays	Y	Updated historical aggregate case data on Apr 19, 2021. Updated historical aggregate death data on May 19, 2021.
MS	Mon – Thurs	Daily	Daily	Y	Updated historical aggregate case/death data on Jul 08, 2021.
MT	Mon – Fri	Daily	Daily	Y	
NC	Mon – Fri	Daily	Daily	Y	Updates historical aggregate case/death data biweekly on Thurs.
ND	Sun – Fri	Daily	Daily	Y	Opted to exclude probable deaths from total.
NE	Mon – Thurs	Daily	Daily	Y	Updated historical aggregate case data on May 18, 2021.
NH	Mon - Fri	Daily	Daily	Y	
NJ	Daily	Daily	Daily	Y	
NM	Mon – Fri	Daily	Daily	Y	Updates historical aggregate death data on biweekly on Tues.
NV	Mon – Fri	Daily	Daily	Y	
NYC	Sun - Thurs	Daily	N/A	N/A	Updated historical aggregate case/death data on Jun 07, 2021.
NY	Daily	Daily	Daily	Y	Does not include data from NYC for cases and deaths.
OH	Daily	Daily	Daily	N	

<sup>36</sup> COVID Data Tracker is CDC’s home for COVID-19 data. Data are updated daily, and new features are added every week.

<sup>37</sup> CELR = COVID-19 Electronic Laboratory Reporting. Data for each state is sourced from either data submitted directly by the state health department via COVID-19 electronic laboratory reporting (CELR), or a combination of commercial labs, public health labs, and in-house hospital labs. Data is taken from CELR for states that either submit line level data or submit aggregate counts which do not include serology tests.

<sup>38</sup> This schedule is updated every Tues. Updates collected from jurisdictions’ department of health websites are available in this report the following day (e.g., data released Mon is published in this report on Tues). Jurisdictions may also report aggregate case and death data directly to CDC. **As of Jun 22, 2021, CDC updates aggregate case data Mon – Sat.**

Jurisdiction	Reporting Frequency			CELR <sup>37</sup> Onboarding Status	Notes
	Aggregate Case/Death Data <sup>38</sup>	Hospital Data	Laboratory Testing Data		
OK	Mon - Fri	Daily	Daily (one data feed); about 3x/week (other data feed)	Y	Updated historical aggregate case/death data on May 26, 2021.
OR	Mon - Fri	Daily	Daily	Y	
PA	Mon - Sat	Daily	Daily	Y	Updated historical aggregate case data on May 19, 2021.
RI	Mon – Fri	Daily	Daily	Y	Updates historical aggregate case/death data biweekly on Tues.
SC	Mon - Fri	Daily	Daily	Y	Updates historical aggregate case/death data biweekly on Wed.
SD	Mon - Fri	Daily	Daily	Y	
TN	Mon - Fri	Daily	Daily	Y	Updates historical aggregate case/death data biweekly on Mon.
TX	Daily	Daily	Daily	Y	Updated historical aggregate case/death data on Jul 14, 2021.
UT	Mon - Fri	Daily	Daily	Y	
VA	Mon - Fri	Daily	Daily	Y	
VT	Sun - Fri	Daily	Daily	Y	Updated historical aggregate case/death data on Jun 30, 2021.
WA	Mon - Fri	Daily	Daily	Y	Updated historical aggregate case data on Jun 01, 2021.
WI	Mon – Fri	Daily	Daily	Y	
WV	Mon – Fri	Daily	Daily	Y	
WY	Mon – Fri	Daily	Daily	Y	
AS	Sporadic	N/A	N/A	N/A	
CNMI	Daily	Daily	Thurs	Y	
DC	Mon - Fri	Daily	Daily	Y	
FSM	Sporadic	N/A	N/A	N/A	
GU	Sun - Thurs	Daily	Daily	Y	
PR	Daily	Daily	Daily	N	
PW	Sporadic	N/A	N/A	N/A	
RMI	Sporadic	N/A	Sporadic	N	
USVI	Mon – Sat	Daily	Daily	N	
NN	Mon – Fri	Daily	N/A	N/A	