COVID Data Tracker

Trends in United States COVID-19 Hospitalizations, Deaths, Emergency Department (ED) Visits, and Test Positivity by Geographic Area

Maps, charts, and data provided by CDC, updates weekly for the previous MMWR week (Sunday-Saturday) by 8 p.m. ET

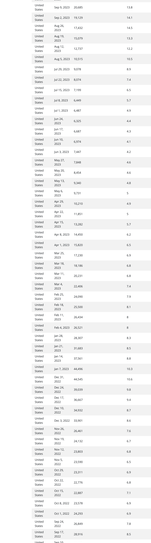
View Expository and Download Data

Select a geographic area: United States

View (left axis): Weekly COVID-19 New Hospital Admissions

View (right axis): None

The blue bars show weekly COVID-19 hospital admissions. The orange line represents the percent of nucleic acid amplification tests reported to CDC that were positive for COVID-19.



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Data Downloads and Footnotes

Expand each accordion to view data table and download data

Total Cases for Weekly Reported Administrative Jurisdictions Reporting At Test Positivity: The United States

2021-12-26 to 2022-09-10 | 2021-W52 to 2022-W37 | Posted Friday, September 16 2022 5:00 PM ET

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Geography	Week Ending Date	Weekly COVID-19 Hospital Admissions	Weekly % Test Positivity	Total Deaths
United States	Dec 2, 2020	22,513	11.5	16,443
United States	Dec 9, 2020	18,127	10.4	16,564
United States	Dec 16, 2020	17,775	9.1	18,266
United States	Dec 23, 2020	16,643	10	10,015
United States	Dec 30, 2020	15,059	9.6	8,615
United States	Jan 6, 2021	16,209	9.5	16,090
United States	Jan 13, 2021	15,954	9.4	18,334
United States	Jan 20, 2021	16,080	8.2	20,142
United States	Jan 27, 2021	17,143	7.6	16,606
United States	Feb 3, 2021	16,328	10.9	18,127
United States	Feb 10, 2021	14,635	12	17,695
United States	Feb 17, 2021	13,869	13.6	20,202
United States	Feb 24, 2021	20,695	13.8	18,133
United States	Mar 3, 2021	19,129	14.3	15,561
United States	Mar 10, 2021	17,452	14.5	18,504
United States	Mar 17, 2021	15,079	13.3	18,440
United States	Mar 24, 2021	12,559	12.2	12,722
United States	Mar 31, 2021	10,915	10.5	46,810
United States	Apr 7, 2021	9,978	8.9	46,260
United States	Apr 14, 2021	8,919	7.9	44,688
United States	Apr 21, 2021	7,998	6.9	44,279
United States	Apr 28, 2021	6,949	5.7	41,452
United States	May 5, 2021	6,987	4.9	43,617
United States	May 12, 2021	6,935	4.3	40,567
United States	May 19, 2021	6,847	4.1	40,395
United States	May 26, 2021	6,974	4.1	35,926
United States	Jun 2, 2021	7,667	4.2	37,493
United States	Jun 9, 2021	7,998	4.2	34,533
United States	Jun 16, 2021	8,458	4.6	30,746
United States	Jun 23, 2021	9,040	4.8	75,286
United States	Jun 30, 2021	9,701	5	81,433
United States	Jul 7, 2021	10,210	5.2	78,452
United States	Jul 14, 2021	11,851	5	90,182
United States	Jul 21, 2021	13,282	5.7	99,136
United States	Jul 28, 2021	14,850	6.2	104,113
United States	Aug 4, 2021	16,852	7.2	110,287
United States	Aug 11, 2021	17,239	8.9	117,421
United States	Aug 18, 2021	18,786	9.8	127,798
United States	Aug 25, 2021	20,231	10.8	138,899
United States	Sep 1, 2021	22,492	11.4	152,733
United States	Sep 8, 2021	24,090	11.9	139,368
United States	Sep 15, 2021	25,568	12.1	142,417
United States	Sep 22, 2021	25,434	11.8	131,142
United States	Sep 29, 2021	24,321	11.3	118,468
United States	Oct 6, 2021	23,961	10.7	136,304
United States	Oct 13, 2021	21,683	9.5	136,419
United States	Oct 20, 2021	17,561	8.2	147,563
United States	Oct 27, 2021	14,486	10.3	176,676
United States	Nov 3, 2021	44,545	10.6	176,948
United States	Nov 10, 2021	39,039	9.8	195,476
United States	Nov 17, 2021	36,603	9.4	229,179
United States	Nov 24, 2021	34,932	8.7	236,313
United States	Dec 1, 2021	33,951	8.6	247,103
United States	Dec 8, 2021	26,467	7.6	255,093
United States	Dec 15, 2021	24,152	7.4	322,198
United States	Dec 22, 2021	23,803	6.8	299,312
United States	Dec 29, 2021	23,596	6.5	226,565
United States	Jan 5, 2022	23,311	6.9	202,818
United States	Jan 12, 2022	22,776	8.3	196,353
United States	Jan 19, 2022	22,887	7.1	192,947
United States	Jan 26, 2022	23,578	6.9	191,812
United States	Feb 2, 2022	24,293	6.9	202,727
United States	Feb 9, 2022	24,832	6.7	252,693
United States	Feb 16, 2022	28,916	8.5	231,093
United States	Feb 23, 2022	31,221	9.6	229,113
United States	Mar 2, 2022	34,132	10.4	230,918
United States	Mar 9, 2022	36,553	11.1	235,054
United States	Mar 16, 2022	38,156	11.9	230,002
United States	Mar 23, 2022	41,113	12.8	237,089
United States	Mar 30, 2022	43,815	13.5	249,494
United States	Apr 6, 2022	44,920	14	262,048
United States	Apr 13, 2022	44,728	14.3	270,452
United States	Apr 20, 2022	42,172	13.7	275,431
United States	Apr 27, 2022	38,847	13.5	262,072
United States	May 4, 2022	35,767	13.1	255,329
United States	May 11, 2022	32,756	11.5	269,708
United States	May 18, 2022	30,421	10.4	286,749
United States	May 25, 2022	29,492	9.8	249,600
United States	Jun 1, 2022	28,205	9.8	290,954
United States	Jun 8, 2022	26,411	10.4	307,473
United States	Jun 15, 2022	29,511	10.2	311,664
United States	Jun 22, 2022	29,716	9.9	312,988
United States	Jun 29, 2022	31,766	10.4	284,389
United States	Jul 6, 2022	34,460	9.8	268,835
United States	Jul 13, 2022	33,910	9.7	252,465
United States	Jul 20, 2022	32,744	9.4	243,056
United States	Jul 27, 2022	32,756	9.5	252,469
United States	Aug 3, 2022	33,208	9	252,235
United States	Aug 10, 2022	31,856	8.7	264,156
United States	Aug 17, 2022	29,908	8.8	271,158
United States	Aug 24, 2022	28,290	9.1	268,230
United States	Aug 31, 2022	28,896	9.5	274,452
United States	Sep 7, 2022	29,251	8.7	274,716
United States	Sep 14, 2022	29,796	8.5	269,626
United States	Sep 21, 2022	29,796	8.5	269,626
United States	Sep 28, 2022	29,796	8.5	269,626
United States	Oct 5, 2022	29,796	8.5	269,626

Data for the previous MMWR week (Sunday-Saturday) will update weekly on Fridays as soon as they are available. Please see the publication info for the date of the most recent update. Publication info is also available programmatically from the [Publication Info](https://data.cdc.gov/api/views/mpgq-jmmr.json) dataset in machine-readable format. Publication info is reported by the [COVID Data Tracker](https://covid.cdc.gov/covid-data-tracker) and data.cdc.gov datasets. [Privacy](https://www.cdc.gov/privacy.html) may be incomplete for recent days due to delays in data collection and reporting.

Data Source: [NHSN](https://www.cdc.gov/nhsn/index.html). COVID-19 data reported to NHSN are also reported to the [CDC National Center for Health Statistics (NCHS)](https://www.cdc.gov/nchs/index.htm) daily. On May 11, 2023, These data have been archived at data.cdc.gov. For recent data, see [COVID-19 Reported Patient Impact and Hospital Capacity by State](https://data.cdc.gov/Public-Health-Surveillance/COVID-19-Reported-Patient-Impact-and-Hospital-Capacity-b/g62h-syeh). Data are reported to NHSN by hospitals as mandated by the [National Respiratory and Enteric Virus Surveillance System (NREVSS)](https://www.cdc.gov/surveillance/nrevss/index.html) and by being cited for the maps of the [Morbidity and Mortality Weekly Report (MMWR)](https://www.cdc.gov/mmwr/index.html). Publication info is reported by the [COVID Data Tracker](https://covid.cdc.gov/covid-data-tracker) and publication info programmatically accessed on COVID Data Tracker has been archived at data.cdc.gov. See publication info for the [COVID-19 Case and Human Services (HHS) regions](https://www.hhs.gov/about/agencies/iea/regional-offices/index.html). See the [CDC U.S. Department of HHS regions](https://www.cdc.gov/about/organization/hhs-regions.htm) as defined by the U.S. Department of Health and Human Services.

Footnotes

Hospitalization Data

- **Source:** COVID-19–associated hospitalization data reported to CDC's National Healthcare Safety Network (NHSN).
- As of December 15, 2022, COVID-19 hospital data are required to be reported to CDC's NHSN, which monitors national and local trends in healthcare system stress, capacity, and community disease levels for approximately 6,000 hospitals in the United States. Data reported by hospitals to NHSN represent aggregated counts and include metrics capturing information specific to hospital capacity, occupancy, hospitalizations, and admissions. This system change does not impact requirements. Prior to December 15, 2022, hospitals reported data directly to the U.S. Department of Health and Human Services (HHS) or via a state submission for collection in the HHS Unified Hospital Data Surveillance System (UHDSS). More information on the transition to the NHSN system can be found here: https://www.cdc.gov/nhsn/covid19/hospital-reporting.html.
- While CDC reviews these data for errors and corrects those found, some reporting errors might still exist within the data. To minimize errors and inconsistencies in data reported, CDC removes outliers before calculating the metrics. CDC and partners work with reporters to correct these errors and update the data in subsequent weeks.
- Many hospital subtypes, including acute care and critical access hospitals, as well as Veterans Administration, Defense Health Agency, and Indian Health Service hospitals, are included in the metric calculations displayed on CDT. Psychiatric, rehabilitation, and religious non-medical hospital types are excluded from calculations.
- COVID-19–associated hospitalization data displayed on COVID Data Tracker represent facility-level data reported by U.S hospitals in the 50 states, plus the District of Columbia (included in HHS Region 3), American Samoa (HHS Region 9), the Commonwealth of Northern Mariana Islands (HHS Region 9), Guam (HHS Region 9), Puerto Rico (HHS Region 2), and the U.S. Virgin Islands (HHS Region 2). Assignment to a geographic area is based on the location of the CMS-registered reporting facility.
- Full details on COVID-19 hospital data reporting guidance can be found here: https://www.hhs.gov/sites/default/files/covid-19-faqs-hospitals-hospital-laboratory-acute-care-facility-data-reporting.pdf.
- **Weekly COVID-19 hospital admissions:** Total number of new admissions of patients with laboratory-confirmed COVID-19 in the past week (including both adult and pediatric admissions) in the entire geographic unit selected.
- **Currently hospitalized COVID-19 patients:** Average daily number of patients currently hospitalized with laboratory-confirmed COVID-19 during the past week (including both adult and pediatric patients) in the entire geographic unit selected.
- **Cumulative COVID-19 hospitalizations:** The total number of new admissions of patients with laboratory-confirmed COVID-19 since hospital data collection began on August 1, 2020, in the entire geographic unit selected.
- **Weekly COVID-19 new hospital admissions per 100,000:** Total number of admissions of patients with laboratory-confirmed COVID-19 in the past week (including both adult and pediatric admissions) divided by 2019 intercensal population estimate for the entire geographic unit selected, multiplied by 100,000.
- For all metrics, if there are no data in the specified locality of a given week, the metric value is displayed as "insufficient data".

Death Data

- **Source:** Provisional Deaths from the CDC's National Center for Health Statistics (NCHS) National Vital Statistics System (NVSS).
- Provisional data are non-final counts of deaths based on the flow of mortality data in NVSS. Deaths include those with COVID-19, coded to ICD–10 code U07.1, as an underlying or contributing cause of death on the death certificate. Death data are displayed by date of death (event). This is a change from the surveillance data used previously in COVID Data Tracker which were displayed by date of report.
- Number of deaths reported in this file are the total number of COVID-19 deaths received and coded as of the date of analysis and may not represent all deaths that occurred in that period. Counts of deaths with dates of death occurring before or after the reporting period are not included in the file.
- Data during recent periods are incomplete because of the lag in time between when a death occurs and when a death certificate is completed, submitted to NCHS, and processed for reporting. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction. The most recent 3 weeks of mortality counts are shaded grey and mortality rates shown as dotted lines because NVSS reporting is <95% during this period.
- Provisional death counts and rates are for deaths among U.S. residents and occurring in the 50 states, plus the District of Columbia and New York City. Assignment to a geographic area is based on the place of residence listed on the death certificate. New York state estimates include New York City but are also provided in the data table excluding New York City. Data are reported separately for Puerto Rico (and as part of HHS Region 2). Data from other U.S. territories are not included in NVSS provisional reporting.
- The percentage of all reported deaths that are attributed as COVID-19 is calculated as the number of COVID-19 deaths divided by the number of deaths from all causes x 100. The percentage of COVID-19 deaths is less affected by incomplete reporting in recent weeks because death certificate data from COVID-19 and all causes have similar timeliness.
- Rates were calculated as the number of provisional deaths occurring in the specified week/month divided by the population estimated as of July 1, 2021, multiplied by 100,000. Population estimates are from the Blended Base produced by the U.S. Census Bureau in lieu of the April 1, 2020 decennial population count (see https://www2.census.gov/programs-surveys/popest/technical-documentation/methodology/2020-2021/methods-statement-v2021.pdf).
- Rates were age-adjusted to the 2000 standard population using the direct method (see https://www.cdc.gov/nchs/data/nvsr/nvsr70/nvsr70-08-508.pdf). These rates differ from annual age-adjusted rates, typically presented in NCHS publications based on a full year of data and annualized weekly/monthly age-adjusted rates which have been adjusted to allow comparison with annual rates. Annualized rates present deaths per year per 100,000 population that would be expected in a year if the observed period-specific (weekly/monthly) rate prevailed for a full year.
- Sub-national death counts between 1-9 are suppressed in accordance with NCHS data confidentiality standards. Rates based on death counts <20 do not meet NCHS standards of reliability and are not provided. For most jurisdictions, counts of 1 through 9 COVID-19 deaths correspond to the minimal burden category. However, in jurisdictions with smaller populations, death counts between 1-9 may represent a higher level of COVID-19-associated mortality.
- For more information or to view the Provisional Death Data on the NCHS website: https://www.cdc.gov/nchs/covid19/mortality-overview.htm
- For downloading the NVSS mortality data displayed here: https://data.cdc.gov/NCHS/Provisional-COVID-19-death-counts-rates-and-percen/mpx5-t7tu

Emergency Department Visits Data

- **Source:** Emergency Department (ED) visits from the National Syndromic Surveillance Program (NSSP)
- NSSP is a collaboration among CDC, federal partners, local and state health departments, and academic and private sector partners to collect, analyze, and share electronic patient encounter data received from multiple health care settings. For insights into COVID-19 trends, visits that have a COVID-19 diagnosis at discharge are monitored for a subset of emergency departments in 50 states, the District of Columbia, and Guam. Coverage map: https://www.cdc.gov/nssp/participation-coverage-map.html
- The percentage of ED visits for patients with a discharge-diagnosis of COVID-19 is calculated nationally, regionally, and for each state presented. Data presented on state websites may vary due to slight differences in the definitions used.
- ED visit data are not available for Northern Mariana Islands, Palau, Puerto Rico, and the U.S. Virgin Islands. Jurisdictions with low ED facility participation or where diagnosis information is incomplete are not shown.
- For some jurisdictions with a fewer number of overall visits reported to NSSP, rapid and large changes may appear in the data displayed.
- For more information on NSSP, see: https://www.cdc.gov/nssp/index.html. For technical information, see: https://www.cdc.gov/ncird/surveillance/respiratory-illnesses/index.html#companion-guide

Testing Data

- **Source:** National Respiratory and Enteric Virus Surveillance System (NREVSS)
- The data represent SARS-CoV-2 Nucleic Acid Amplification Test (NAAT) results, which include reverse transcriptase-polymerase chain reaction (RT-PCR) tests from a sentinel network of NREVSS-reporting laboratories in the United States, including clinical, public health and commercial laboratories (https://www.cdc.gov/surveillance/nrevss/labs/index.html). These data exclude antigen, antibody, and at-home test results. Test positivity data are only available at the national and HHS Region level.
- All data are provisional and subject to change. Reporting is less complete for the past 1 week, and more complete for data reported for the period 2 weeks earlier (>90%).
- Because the data are from a sentinel network of laboratories, results may vary geographically. The data do not include all test results within a jurisdiction and therefore may not reflect all, COVID-19 NAATs in the United States. There are data from all 50 states, including the District of Columbia, Puerto Rico and the U.S. Virgin Islands, across the 10 HHS regions. Test results from Puerto Rico and the U.S. Virgin Islands are reported as part of HHS Region 2. Data from other U.S. territories are not reported to NREVSS.
- Percent positivity is one of the metrics used to monitor COVID-19 transmission over time and by area. Percent positivity is calculated by dividing the number of positive NAATs by the total number of NAATs administered, then multiplying by 100 [(# of positive NAAT tests / total NAAT tests) x 100].
- The data represent laboratory tests performed, not individual people. In the table and upon hovering on the map, the total test counts in the data reflect the latest reported data from NREVSS laboratories and may not match the data presented by various jurisdictions.
- On May 11, 2023 CDC discontinued utilizing the COVID electronic laboratory reporting (CELR) platform as the primary laboratory source of COVID-19 results. These data are archived at health.data.gov.
- For more information about NREVSS, please see: https://www.cdc.gov/surveillance/nrevss/index.html
- For downloading the NREVSS COVID-19 testing data displayed here: https://data.cdc.gov/Laboratory-Surveillance/Percent-Positivity-of-COVID-19-Nucleic-Acid-Amplif/gvsb-yw6g

Want to see maps of COVID-19 Data?

View maps here

Cite COVID Data Tracker

Centers for Disease Control and Prevention. COVID Data Tracker. Atlanta, GA: U.S. Department of Health and Human Services, CDC; 2023, December 09. https://covid.cdc.gov/covid-data-tracker

COVID-19 Home >

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