COVID Data Tracker

Maps, charts, and data provided by CDC, updates Mondays and Fridays by 8 p.m. ET

COVID-19 Home ›

Effective September 29, 2023, weekly updates to maps, charts, and data provided by CDC for COVID Data Tracker will occur on Fridays by 12 p.m. ET. This change aligns with the timing of CDC's weekly updates for respiratory viruses (https://www.cdc.gov/respiratory-viruses/index.html).

United States at a Glance

Collapse —

Trend in % Test Positivity

-0.8% **in most recent week**

Trend in % Emergency Department Visits

-17.7% **in most recent week**

Trend in Hospital Admissions

-8.2% **in most recent week**

Trend in % COVID-19 Deaths

-3.8% **in most recent week**

Total Hospitalizations
6,405,961

Total Deaths
1,147,253

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Maps ☰

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) on Fridays by 8 pm ET[†]

View Footnotes and Download Data

% COVID-19 DEATHS IN PAST WEEK	% CHANGE FROM PRIOR WEEK	ABSOLUTE CHANGE FROM PRIOR WEEK
2.5%	-3.8%	-0.1%

CDC | Data through: October 7, 2023. Posted: October 13, 2023

View:
○ Hospitalizations

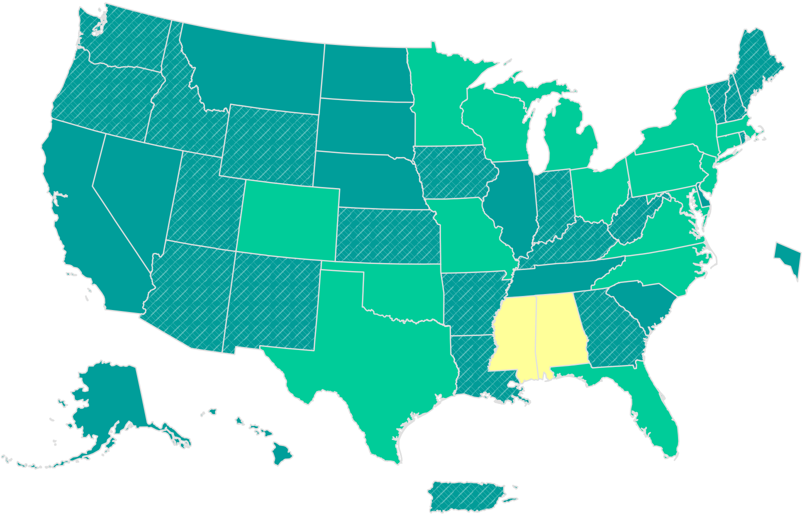
Time period:
● In Past Week

Metric:
● % of deaths due to COVID-19

● Deaths ○ Past 3 Months
○ Emergency Department Visits ○ Since Jan 1, 2020
○ Test Positivity

This shows the percentage of deaths due to COVID-19 in the past week, as a timely measure of mortality trends. 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. For more information on deaths, see the trends page.

Percentage of Provisional Deaths Due to COVID-19 in the Past Week, by State/Territory – United States



Territories

AS FSM GU MP PW RMI VI

Percentage of deaths due to COVID-19 in past week

▨ 1-9 COVID-19 deaths
● <2%
● 2.0% to 3.9%
● 4.0% to 5.9%
● 6.0% to 7.9%
● ≥8.0%

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Data Downloads and Footnotes

Expand each accordion to view data table and download data

Data Table for % Deaths due to COVID-19 in past week

CDC | Data through: October 7, 2023. Posted: October 13, 2023

Download Data

State/Territory	% Deaths due to COVID-19 in past week
Alabama	4.2
Alaska	0
American Samoa	Data not available
Arizona	Counts 1-9
Arkansas	Counts 1-9
California	1.8
Colorado	3.1
Connecticut	3.1
Delaware	0
District of Columbia	0
Federated States of Micronesia	Data not available
Florida	2.5
Georgia	Counts 1-9
Guam	Data not available
Hawaii	0
Idaho	Counts 1-9
Illinois	1.5
Indiana	Counts 1-9
Iowa	Counts 1-9
Kansas	Counts 1-9
Kentucky	Counts 1-9
Louisiana	Counts 1-9
Maine	Counts 1-9
Maryland	2.4
Massachusetts	2.5
Michigan	2.1
Minnesota	3.7
Mississippi	4.8
Missouri	2.8
Montana	0
Nebraska	0
Nevada	0
New Hampshire	Counts 1-9
New Jersey	2.3
New Mexico	Counts 1-9
New York	3.2
New York (excludes NYC)	3.9
New York City	1.8
North Carolina	2.7
North Dakota	0
Northern Mariana Islands	Data not available
Ohio	3.2

Oklahoma	3.9
Oregon	Counts 1-9
Palau	Data not available
Pennsylvania	2.1
Puerto Rico	Counts 1-9
Republic of Marshall Islands	Data not available
Rhode Island	Counts 1-9
South Carolina	1.6
South Dakota	0
Tennessee	1.7
Texas	2.1
Utah	Counts 1-9
Vermont	Counts 1-9
Virgin Islands	Data not available
Virginia	2.2
Washington	Counts 1-9
West Virginia	Counts 1-9
Wisconsin	2.6
Wyoming	Counts 1-9

Footnotes

†Data for the previous MMWR week (Sunday-Saturday) will update weekly on Fridays as soon as they are reviewed and verified, usually before 8 p.m. ET. Updates will occur the following business day when reporting coincides with a federal holiday. Note: Weekly updates might be delayed due to delays in reporting. Data featured on COVID Data Tracker and within data.cdc.gov datasets may be incomplete for recent days due to processing and reporting delays. All data are provisional.

Please note: Aggregate COVID-19 case and death data reporting has been discontinued with the end of the Public Health Emergency (PHE) on May 11, 2023. These data have been archived at data.cdc.gov. For death data, CDC has transitioned to displaying provisional COVID-19 deaths reported to the National Center for Health Statistics (NCHS) National Vital Statistics Surveillance (NVSS) (see more below). Test positivity data from the National Respiratory and Enteric Virus Surveillance System (NREVSS) are being used for the maps at the national and regional levels. Test positivity data from COVID-19 Electronic Laboratory Reporting (CELR) that was previously posted on COVID Data Tracker has been archived on health.data.gov also related to the end of the PHE.

Health and Human Services (HHS) regions: The ten (10) U.S. Department of HHS regions are defined here: https://www.hhs.gov/about/agencies/iea/regional-offices/index.html

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.
- County-level hospital data displayed on COVID Data Tracker are derived using calculations performed at the Health Service Area (HSA) level. Although the county is typically the smallest geographic unit for which national data are available, not all U.S. counties have hospitals. Additionally, analyses of these data at the local level are complicated by unequal distribution of hospitals within regions, as they are often clustered in large population centers and have service areas that overlap and extend across multiple communities. The unequal distribution of hospitals can lead to a mismatch between places where people live and places where they receive care.
- An HSA is defined by CDC's National Center for Health Statistics as a geographic area containing at least one county which is self-contained with respect to the population's provision of routine hospital care. Every county in the United States is assigned to an HSA, and each HSA must contain at least one hospital. Therefore, use of HSAs in the calculation of local hospital metrics allows for more accurate characterization of the relationship between health care utilization and health status at the local level.
- Data presented at the county-level represent admissions, hospital inpatient and ICU bed capacity and occupancy among hospitals within the selected HSA. Therefore, admissions, capacity, and occupancy are not limited to residents of the selected HSA.
- For all county-level hospital metrics listed below the values are calculated first for the entire HSA, and then the HSA-level value is then applied to each county within the HSA.
- **New hospital admissions with confirmed COVID-19, past week:** Total number of admissions of patients with laboratory-confirmed COVID-19 in the previous week (including both adult and pediatric admissions) in the entire jurisdiction
- **New hospital admissions with confirmed COVID-19 per 100,000 population, past week:** Total number of new admissions of patients with laboratory-confirmed COVID-19 in the past week (including both adult and pediatric admissions) for the entire jurisdiction divided by 2019 intercensal population estimate for that jurisdiction multiplied by 100,000. (Note: This metric is used to determine each county's COVID-19 Hospital Admissions Level for a given week).
  - **Data Notes**:
    - October 13, 2023: Commonwealth of the Northern Mariana Islands (CNMI) – October 13th, 2023: Due to incomplete or missing hospital data received for the October 1st, 2023 through October 7th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as "NA" or "Not Available" in the COVID-19 Hospital Admissions Level data released on October 13th, 2023.
    - October 6, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - October 6th, 2023: Due to incomplete or missing hospital data received for the September 24th, 2023 through September 30th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as "NA" or "Not Available" in the COVID-19 Hospital Admissions Level data released on October 6th, 2023.
    - October 6, 2023: American Samoa (AS) - October 6th, 2023: Due to incomplete or missing hospital data received for the September 24th, 2023 through September 30th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as "NA" or "Not Available" in the COVID-19 Hospital Admissions Level data released on October 6th, 2023.
    - September 29, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - September 29th, 2023: Due to incomplete or missing hospital data received for the September 17th, 2023 through September 23rd reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as "NA" or "Not Available" in the COVID-19 Hospital Admissions Level data released on September 29th, 2023.
    - September 29, 2023: American Samoa (AS) - September 29th, 2023: Due to incomplete or missing hospital data received for the September 17th, 2023 through September 23rd reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as "NA" or "Not Available" in the COVID-19 Hospital Admissions Level data released on September 29th, 2023.
    - September 25, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - September 25th, 2023: Due to incomplete or missing hospital data received for the September 10th, 2023 through September 16th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as "NA" or "Not Available" in the COVID-19 Hospital Admissions Level data released on September 25th, 2023.
    - September 25, 2023: American Samoa (AS) - September 25th, 2023: Due to incomplete or missing hospital data received for the September 10th, 2023 through September 16th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as "NA" or "Not Available" in the COVID-19 Hospital Admissions Level data released on September 25th, 2023.
    - September 18, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - September 18th, 2023: Due to incomplete or missing hospital data received for the September 3rd, 2023 through September 9th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as "NA" or "Not Available" in the COVID-19 Hospital Admissions Level data released on September 18th, 2023.
    - September 18, 2023: American Samoa (AS) - September 18th, 2023: Due to incomplete or missing hospital data received for the September 3rd, 2023 through September 9th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as "NA" or "Not Available" in the COVID-19 Hospital Admissions Level data released on September 18th, 2023.
    - September 11, 2023: American Samoa (AS) -September 11th, 2023: Due to incomplete or missing hospital data received for the August 27th, 2023 through September 2nd reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as "NA" or "Not Available" in the COVID-19 Hospital Admissions Level data released on September 11th, 2023.
    - September 11, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - September 11th, 2023: Due to incomplete or missing hospital data received for the August 27th, 2023 through September 2nd reporting period, the COVID-19 Hospital

Admissions Level could not be calculated for CNMI and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on September 11th, 2023.

- September 5, 2023: American Samoa (AS) -September 5th, 2023: Due to incomplete or missing hospital data received for the August 20th, 2023 through August 26th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on September 5th, 2023.
- September 5, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - September 5th, 2023: Due to incomplete or missing hospital data received for the August 20th, 2023 through August 26th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on September 5th, 2023.
- August 28, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - August 28th, 2023: Due to incomplete or missing hospital data received for the August 13th, 2023 through August 19th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on August 28th, 2023.
- August 28, 2023: American Samoa (AS) - August 28th, 2023: Due to incomplete or missing hospital data received for the August 13th, 2023 through August 19th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on August 28th, 2023.
- August 21, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - August 21st, 2023: Due to incomplete or missing hospital data received for the August 6th, 2023 through August 12th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on August 21st, 2023.
- August 21, 2023: American Samoa (AS) - August 21st, 2023: Due to incomplete or missing hospital data received for the August 6th, 2023 through August 12th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on August 21st, 2023.
- August 14, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - August 14th, 2023: Due to incomplete or missing hospital data received for the July 30th, 2023 through August 5th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on August 14th, 2023.
- August 14, 2023: American Samoa (AS) - August 14th, 2023: Due to incomplete or missing hospital data received for the July 30th, 2023 through August 5th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on August 14th, 2023.
- August 7, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - August 7th, 2023: Due to incomplete or missing hospital data received for the July 23rd, 2023 through July 29th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on August 7th, 2023.
- August 7, 2023: American Samoa (AS) - August 7th, 2023: Due to incomplete or missing hospital data received for the July 23rd, 2023 through July 29th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on August 7th, 2023.
- July 31, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - July 31st, 2023: Due to incomplete or missing hospital data received for the July 16th, 2023 through July 22nd reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on July 31st, 2023.
- July 31, 2023: American Samoa (AS) - July 31st, 2023: Due to incomplete or missing hospital data received for the July 16th, 2023 through July 22nd reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on July 31st, 2023.
- July 24, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - July 24th, 2023: Due to incomplete or missing hospital data received for the July 9th, 2023 through July 15th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on July 24th, 2023.
- July 17, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - July 17th, 2023: Due to incomplete or missing hospital data received for the July 2nd, 2023 through July 8th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on July 17th, 2023.
- July 17, 2023: American Samoa (AS) - July 17th, 2023: Due to incomplete or missing hospital data received for the July 2nd, 2023 through July 8th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on July 17th, 2023.
- July 10, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - July 10th, 2023: Due to incomplete or missing hospital data received for the June 25th, 2023 through July 1st reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on July 10th, 2023.
- July 10, 2023: American Samoa (AS) - July 10th, 2023: Due to incomplete or missing hospital data received for the June 25th, 2023 through July 1st reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on July 10th, 2023.

    - July 3, 2023: Commonwealth of the Northern Mariana Islands (CNMI) – July 3rd, 2023: Due to incomplete or missing hospital data received for the June 18th, 2023 through June 24th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on July 3rd, 2023.
    - June 26, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - June 26th, 2023: Due to incomplete or missing hospital data received for the June 11th, 2023 through June 17th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on June 26th, 2023.
    - June 26, 2023: American Samoa (AS) - June 26th, 2023: Due to incomplete or missing hospital data received for the June 11th, 2023 through June 17th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on June 26th, 2023.
    - June 15, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - June 15th, 2023: Due to incomplete or missing hospital data received for the June 4th, 2023 through June 10th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on June 15th, 2023.
    - June 15, 2023: American Samoa (AS) - June 15th, 2023: Due to incomplete or missing hospital data received for the June 4th, 2023 through June 10th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on June 15th, 2023.
    - June 8, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - June 8th, 2023: Due to incomplete or missing hospital data received for the May 28th, 2023 through June 3rd reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on June 8th, 2023.
    - June 8, 2023: American Samoa (AS) - June 8th, 2023: Due to incomplete or missing hospital data received for the May 28th, 2023 through June 3rd reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on June 8th, 2023.
    - June 1, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - June 1st, 2023: Due to incomplete or missing hospital data received for the May 21st, 2023 through May 27th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on June 1st, 2023.
    - May 25, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - May 25th, 2023: Due to incomplete or missing hospital data received for the May 14th, 2023 through May 20th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on May 25th, 2023.
    - May 18, 2023: Commonwealth of the Northern Mariana Islands (CNMI) - May 18th, 2023: Due to incomplete or missing hospital data received for the May 7th, 2023 through May 13th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as “NA” or “Not Available” in the COVID-19 Hospital Admissions Level data released on May 18th, 2023.
- **% Change in new hospital admissions with confirmed COVID-19 from the prior week:** Percent change in the current weekly total new admissions of patients with laboratory-confirmed COVID-19 per 100,000 population compared with the prior week.
- **% Staffed inpatient beds occupied by patients with confirmed COVID-19, past week:** Percentage of all staffed inpatient beds occupied by patients with laboratory-confirmed COVID-19 (including both adult and pediatric patients) within the in the entire jurisdiction is calculated as an average of valid daily values within the past week (e.g., if only three valid values, the average of those three is taken). Averages are separately calculated for the daily numerators (patients hospitalized with confirmed COVID-19) and denominators (staffed inpatient beds). The average percentage can then be taken as the ratio of these two values for the entire jurisdiction.
- **Absolute change, % staffed inpatient beds occupied by patients with confirmed COVID-19 from the prior week:** The absolute change in the percent of staffed inpatient beds occupied by patients with laboratory-confirmed COVID-19 represents the week-over-week absolute difference between the average occupancy of patients with confirmed COVID-19 in staffed inpatient beds in the past week, compared with the prior week, in the entire jurisdiction.
- **% Staffed ICU beds occupied by patients with confirmed COVID-19, past week:** Percentage of all staffed inpatient beds occupied by adult patients with confirmed COVID-19 within the entire jurisdiction is calculated as an average of valid daily values within the past week (e.g., if only three valid values, the average of those three is taken). Averages are separately calculated for the daily numerators (adult patients hospitalized with confirmed COVID-19) and denominators (staffed adult ICU beds). The average percentage can then be taken as the ratio of these two values for the entire jurisdiction.
- **Absolute change, % staffed ICU beds occupied by patients with confirmed COVID-19 from the prior week:** The absolute change in the percent of staffed ICU beds occupied by patients with laboratory-confirmed COVID-19 represents the week-over-week absolute difference between the average occupancy of patients with confirmed COVID-19 in staffed adult ICU beds for the past week, compared with the prior week, in the in the entire jurisdiction.
- **New hospital admissions with confirmed COVID-19 since August 1, 2020:** Total number of new admissions of patients with laboratory-confirmed COVID-19 since hospital data collection began on August 1, 2020 (including both adult and pediatric admissions) in the entire jurisdiction. (Note: This metric is presented for the state/territory level only)
- For all metrics, if there are no data in the specified locality for a given week, the metric value is displayed as “insufficient data”.
- For downloading the county-level NHSN hospitalization data displayed here: https://data.cdc.gov/Public-Health-Surveillance/Weekly-United-States-COVID-19-Hospitalization-Metr/akn2-qxic

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. Percent change is calculated relative to the previous week as ([% this week]-[% last week])/[% last week]. 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 displayed at the 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

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