Maps, charts, and data provided by CDC, updates Mondays and Thursdays by 8 p.m. ET. COVID-19 Home

United States
At a Glance

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Hospitalizations: 4,233,447 ↑ 1,000,000
Deaths: 1,128,152 ↑ 1,000
Cases: 103,436,829 ↑ 1,000,000
Vaccinations: 270,123,456 ↑ 1,000,000

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) and updated on the following Monday (Hospitalizations) and Thursday (Hospitalizations and Deaths). View Hospitalizations by Age.

View Provisional and Overdose Data

TEST POSITIVITY (PAST WEEK)	% CHANGE IN TEST POSITIVITY	TEST POSITIVITY (PAST 2 WEEKS)
8.9%	1.3%	7.2%

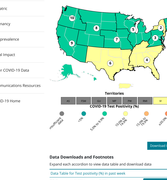
CDC | Data through July 29, 2023. Posted August 3, 2023.

Scale:
- Cases
- Deaths
- Emergency Department Visits
- Test Positivity
- Vaccination
- Test positivity, past week
- % Change in % positivity from prior week

Time period:
- Past Week
- Past 2 Weeks
- Past 4 Weeks

This shows the percentage of COVID-19 nucleic acid amplification tests that were positive over the past week.

Percent Positivity of COVID-19 Nucleic Acid Amplification Tests (NAATs) in the Past Week by HHS Region - United States



Download Image

Data Downloads and Footnotes

Expand each section to view data table and download data

Data Table for Test positivity (%) in past week

Download Data (Ctrl+S)

Last Updated July 29, 2023. Data lag = 20

State/Territory	HHS Region	Test positivity (%) in past week
Alabama	4	10
Alaska	10	7.1
American Samoa	9	N/A
Arizona	9	7.2
Arkansas	6	12.7
California	9	5.8
Colorado	8	6.3
Connecticut	1	7.3
Delaware	3	8.2
District of Columbia	3	6.2
Federated States of Micronesia	9	N/A
Florida	4	10
Georgia	4	9.6
Guam	9	N/A
Hawaii	9	5.8
Idaho	10	6.4
Illinois	5	7.8
Indiana	5	7.1
Iowa	7	6.1
Kansas	7	7.1
Kentucky	4	8.1
Louisiana	6	12.7
Maine	1	7.2
Maryland	3	6.4
Massachusetts	1	6.2
Michigan	5	7.8
Minnesota	5	6.1
Mississippi	4	9.1
Missouri	7	8.2
Montana	8	7.1
Nebraska	7	6.1
Nevada	9	7.1
New Hampshire	1	7.2
New Jersey	2	7.2
New Mexico	6	13.1
New York	2	7.4
New York (excluding NYC)	2	7.1
New York City	2	N/A
North Carolina	4	9.6
North Dakota	8	7.6
Northern Mariana Islands	9	N/A
Ohio	5	7.9
Oklahoma	6	12.2
Oregon	10	7.2
Palau	9	N/A
Pennsylvania	3	7.1
Puerto Rico	2	10.4
Republic of Marshall Islands	9	N/A
Rhode Island	1	7.2
South Carolina	4	9.6
South Dakota	8	7.1
Tennessee	4	10
Texas	6	12.7
Utah	8	7.6
Vermont	1	7.2
Virgin Islands	2	10.4
Virginia	3	7.1
Washington	10	7.2
West Virginia	3	8.4
Wisconsin	5	7.8
Wyoming	8	7.6

Footnotes

Data for the previous MMWR week (Sunday-Saturday) will update weekly on Thursdays beginning approximately at 8 p.m. ET. Data for the most recent week are preliminary and are subject to change as reported and verified. Locally defined, U.S. Census and other data are from the following site where reporting concludes with a federal holiday. Note: Weekly updates might be delayed because of holidays or other factors. Data for the Territories are available at www.cdc.gov/coronavirus/2019-ncov/locations-testing-tracking.html.

Hospitalizations

- **Source:** COVID-19-associated hospitalization data reported to CDC's National Healthcare Safety Network (NHSN).
- COVID-19-associated hospitalization data reported are reported to be reported to CDC's NHSN, which includes hospitals in acute care hospitals and critical access hospitals, and community disease levels for approximately 5,000 hospitals in the United States. Data reported to NHSN are updated and reported weekly and include data from the most recent 4 weeks. Hospitalization reporting capacity, reporting completeness, hospitalization reporting practices, and system change dates are not stagnant. Prior to December 31, 2022, hospitals reporting to NHSN were required to report COVID-19 hospitalization data on a weekly basis as a state-specific requirement or as the HHS Unified Hospital Data Surveillance Protocol. Beginning January 1, 2023, hospitals are required to report daily. See https://www.cdc.gov/nhsn/covid19/index.html.
- Hospitalization data in the COVID Data Tracker Trends and More Trends pages reporting prior to August 1, 2020 are from a different data source and are not comparable to data in the Trends and More Trends pages reporting after August 1, 2020. These data are available in a zipped spreadsheet in the HHS Unified Hospital Surveillance Protocol format. Data in the Trends and More Trends pages reporting after August 1, 2020 are from NHSN. See https://www.cdc.gov/nhsn/covid19/index.html.
- Hospitalization data in the COVID Data Tracker Trends and More Trends pages reporting prior to August 1, 2020 are from a different data source and are not comparable to data in the Trends and More Trends pages reporting after August 1, 2020. These data are available in a zipped spreadsheet in the HHS Unified Hospital Surveillance Protocol format. Although this source is typically more timely than NHSN data, it does not include data from all hospitals and is not nationally representative. Additionally, reporters of these data are not limited to acute care hospitals, but include psychiatric, rehabilitation, and other specialty hospitals and exclude some critical access hospitals. Therefore, use of this data in the calculation of COVID-19-associated hospitalization rates is not recommended. Data are provided for informational purposes only. See https://www.cdc.gov/coronavirus/2019-ncov/hcp/index.html.
- Data presented at the county level represent COVID-19-associated hospitals, hospital beds, and intensive care unit beds in hospitals that report to NHSN and are mapped to counties using ZIP Code Tabulation Areas (ZCTAs) and FIPS county boundaries. Hospitals may report for one or more ZIP codes, and more than one hospital may report for a single ZIP code. Therefore, one or more hospitals may report for counties that do not contain any hospitals. Hospitals may also report for counties that do not contain any hospitals if no hospital in the county reports COVID-19-associated hospitalization data. There may be cases where COVID-19-associated hospitalizations are reported in a county where there are no reported COVID-19 cases or COVID-19-associated deaths. For a given week, the sum of COVID-19-associated hospitalizations reported in all counties will be greater than the COVID-19-associated hospitalizations reported in all states because COVID-19-associated hospitalizations reported in counties in which there are no COVID-19 cases are included in the state totals but are not included in the county totals. Data presented at the county level include data from all hospitals that have reported at least one COVID-19 patient in the last week (including both adult and pediatric admissions) to the extent possible. Data are updated weekly and are based on a 7-day moving average. Data are not to be used to determine exact counts of COVID-19-associated hospitalizations. For a given week, the sum of COVID-19-associated hospitalizations reported in all counties will be greater than the COVID-19-associated hospitalizations reported in all states because COVID-19-associated hospitalizations reported in counties in which there are no COVID-19 cases are included in the state totals but are not included in the county totals.
  - August 1, 2020: Commonwealth of the Northern Mariana Islands (CNMI) - August 28, 2020: Due to incomplete or missing hospital data received for the week ending August 23, 2020, the 7-day average COVID-19 hospital admissions could not be calculated for CNMI and will be reported as "NA" for "Total hospital admissions" in July 31, 2020 and August 7, 2020 and August 14, 2020.
  - July 31, 2020: American Samoa (AS) - August 7th, 2020: Due to incomplete or missing hospital data received for the week ending July 25th, 2020 through July 31st, 2020 reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as "NA" for "Total hospital admissions" in the COVID-19 Hospital Admissions Level data release on July 31st, 2020.
  - July 31, 2020: Commonwealth of the Northern Mariana Islands (CNMI) - July 31st, 2020: Due to incomplete or missing hospital data received for the week ending July 25th, 2020 through July 31st, 2020 reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as "NA" for "Total hospital admissions" in the COVID-19 Hospital Admissions Level data release on July 31st, 2020.
  - July 17, 2020: American Samoa (AS) - July 24th, 2020: Due to incomplete or missing hospital data received for the week ending July 18th, 2020 through July 24th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as "NA" for "Total hospital admissions" in the COVID-19 Hospital Admissions Level data release on July 24th, 2020.
  - July 17, 2020: Commonwealth of the Northern Mariana Islands (CNMI) - July 17th, 2020: Due to incomplete or missing hospital data received for the week ending July 11th, 2020 through July 17th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as "NA" for "Total hospital admissions" in the COVID-19 Hospital Admissions Level data release on July 17th, 2020.
  - July 10, 2020: American Samoa (AS) - July 10th, 2020: Due to incomplete or missing hospital data received for the week ending July 4th, 2020 through July 10th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as "NA" for "Total hospital admissions" in the COVID-19 Hospital Admissions Level data release on July 10th, 2020.
  - July 10, 2020: Commonwealth of the Northern Mariana Islands (CNMI) - July 10th, 2020: Due to incomplete or missing hospital data received for the week ending July 4th, 2020 through July 10th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as "NA" for "Total hospital admissions" in the COVID-19 Hospital Admissions Level data release on July 10th, 2020.
  - June 26, 2020: American Samoa (AS) - June 26th, 2020: Due to incomplete or missing hospital data received for the week ending June 20th, 2020 through June 26th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as "NA" for "Total hospital admissions" in the COVID-19 Hospital Admissions Level data release on June 26th, 2020.
  - June 26, 2020: Commonwealth of the Northern Mariana Islands (CNMI) - June 26th, 2020: Due to incomplete or missing hospital data received for the week ending June 20th, 2020 through June 26th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as "NA" for "Total hospital admissions" in the COVID-19 Hospital Admissions Level data release on June 26th, 2020.
  - June 19, 2020: American Samoa (AS) - June 19th, 2020: Due to incomplete or missing hospital data received for the week ending June 13th, 2020 through June 19th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as "NA" for "Total hospital admissions" in the COVID-19 Hospital Admissions Level data release on June 19th, 2020.
  - June 19, 2020: Commonwealth of the Northern Mariana Islands (CNMI) - June 19th, 2020: Due to incomplete or missing hospital data received for the week ending June 13th, 2020 through June 19th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as "NA" for "Total hospital admissions" in the COVID-19 Hospital Admissions Level data release on June 19th, 2020.
  - June 12, 2020: American Samoa (AS) - June 12th, 2020: Due to incomplete or missing hospital data received for the week ending June 6th, 2020 through June 12th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as "NA" for "Total hospital admissions" in the COVID-19 Hospital Admissions Level data release on June 12th, 2020.
  - June 12, 2020: Commonwealth of the Northern Mariana Islands (CNMI) - June 12th, 2020: Due to incomplete or missing hospital data received for the week ending June 6th, 2020 through June 12th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as "NA" for "Total hospital admissions" in the COVID-19 Hospital Admissions Level data release on June 12th, 2020.
  - June 5, 2020: American Samoa (AS) - June 5th, 2020: Due to incomplete or missing hospital data received for the week ending May 30th, 2020 through June 5th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as "NA" for "Total hospital admissions" in the COVID-19 Hospital Admissions Level data release on June 5th, 2020.
  - June 5, 2020: Commonwealth of the Northern Mariana Islands (CNMI) - June 5th, 2020: Due to incomplete or missing hospital data received for the week ending May 30th, 2020 through June 5th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as "NA" for "Total hospital admissions" in the COVID-19 Hospital Admissions Level data release on June 5th, 2020.
  - June 8, 2020: American Samoa (AS) - June 8th, 2020: Due to incomplete or missing hospital data received for the week ending June 1st, 2020 through June 8th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for AS and will be reported as "NA" for "Total hospital admissions" in the COVID-19 Hospital Admissions Level data release on June 8th, 2020.
  - June 8, 2020: Commonwealth of the Northern Mariana Islands (CNMI) - June 8th, 2020: Due to incomplete or missing hospital data received for the week ending June 1st, 2020 through June 8th reporting period, the COVID-19 Hospital Admissions Level could not be calculated for CNMI and will be reported as "NA" for "Total hospital admissions" in the COVID-19 Hospital Admissions Level data release on June 8th, 2020.
- **Geographic Mapping:** Hospital data are mapped to counties using ZIP Code Tabulation Areas (ZCTAs) and FIPS county boundaries. Hospitals may report for one or more ZIP codes, and more than one hospital may report for a single ZIP code. Therefore, one or more hospitals may report for counties that do not contain any hospitals. Hospitals may also report for counties that do not contain any hospitals if no hospital in the county reports COVID-19-associated hospitalization data. There may be cases where COVID-19-associated hospitalizations are reported in a county where there are no reported COVID-19 cases or COVID-19-associated deaths.
- **Hospital Inpatient and Intensive Care Unit (ICU) Bed Occupancy:** Data presented here include all adult and pediatric inpatient beds and intensive care unit beds in hospitals that report to NHSN. Data are updated weekly and are based on a 7-day moving average. Data are not to be used to determine exact counts of COVID-19-associated hospitalizations.
- **COVID-19 Hospital Admissions Level:** This is the sum of the 7-day average number of COVID-19 new hospital admissions per 100,000 population and the 7-day average number of COVID-19 new hospital admissions. This value is rounded to one decimal place and then used to assign a level of high, medium, or low. Data are updated weekly and are based on a 7-day moving average. Data are not to be used to determine exact counts of COVID-19-associated hospitalizations.

Deaths

- **Source:** Provisional Deaths from the CDC's National Center for Health Statistics (NCHS) National Vital Statistics System (NVSS).
- Provisional data are from death certificates filed in the United States and processed by NCHS. Deaths include those with COVID-19 coded to ICD-10 code U07.1, or are presumed to be caused by COVID-19 when other causes are not reported. Data are updated weekly. Date of death is based on the date the death certificate was completed and filed. Death certificates can be filed up to eight weeks after the death. Further which were displaced by date of report.
- Data are based on the date of death. The total number of COVID-19 deaths received and processed as of the cut-off date and may not represent all deaths that occurred on or prior to the reporting week. Data are based on death counts being tallied as after the reporting week, regardless of when the death occurred.
- Data being reported are an incomplete because of the lag in the number of death certificates received and processed. Data are based on the date the death certificate was processed for reporting. This delay can range from 1 week to 8 weeks or more, depending on the state. Data are also affected by the number of death certificates being received immediately since a delay in receipt of death certificates is still occurring in HHS Regions 2 and 3.
- Provisional death counts and rates are for deaths among U.S. residents and occurring in the United States. Data are based on the place of residence for decedents when available and are based on the place of occurrence if place of residence is not available. Data are updated weekly. Estimates include New York City for all years presented in the state-specific excluding New York City data. Rates are based on population estimates from the National Center for Health Statistics bridged-race population estimates for the United States.
- The percentage of all reported deaths that are attributed to COVID-19 is calculated as the number of deaths with COVID-19 coded to ICD-10 code U07.1 divided by the total number of deaths. This is then multiplied by 100 to express the percentage of COVID-19 deaths as a percentage of all deaths.
- Rates were calculated as the number of provisional deaths occurring in the specified population divided by the population estimate for that population. Rates for COVID-19 deaths in Nonhispanic American Indian or Alaska Native persons are not shown because of the small number of deaths. Rates are suppressed when the underlying number of deaths is less than 20. See Provisional Mortality Statistics, 2020 through Last Week (https://www.cdc.gov/nchs/nvss/vsrr/mortality-monthly.htm#Suppression_of_rates).
- Rates were age-adjusted to the 2000 standard population using the direct method and 19 standard age groups (0-4 years, 5-9 years, 10-14 years, 15-19 years, 20-24 years, 25-29 years, 30-34 years, 35-39 years, 40-44 years, 45-49 years, 50-54 years, 55-59 years, 60-64 years, 65-69 years, 70-74 years, 75-79 years, 80-84 years, and 85 years and older). Age-adjusted rates represent what rates would have been if population size and age composition were the same in all groups. Age-adjusted rates allow for comparisons across groups without being affected by differences in population size and age composition.
- Sub-national death counts between 1-9 are suppressed in accordance with NCHS data suppression standards. Death counts of zero are shown as zero. Rates based on counts of reliability and are suppressed if the rate would be based on 20 or fewer deaths. Death counts compared to the minimum function category. However, in jurisdictions with smaller populations, minimum functions can represent a higher level of COVID-19 mortality compared to other jurisdictions.
- For more information on how the Provisional Death Data on the NCHS website (https://www.cdc.gov/nchs/nvss/vsrr/covid_weekly/index.htm#Comparability) and on downloading the NCHS mortality data (https://www.cdc.gov/nchs/data-searches/mortality.htm), please see the National Vital Statistics System website.

Emergency Department Visits Data

- **Source:** Emergency Department (ED) visits from the National Syndromic Surveillance Program (NSSP).
- Emergency Department (ED) visits from participating hospital and state health departments, and academic and private partners in a timely, useful, and flexible way. Data are updated weekly and are based on the date of the ED visit. Data are based on the date of the visit, not the date of the report. Data are updated weekly and are based on the date of the visit, not the date of the report. Data are updated weekly and are based on the date of the visit, not the date of the report. Data are updated weekly and